

JOURNAL 1994

JAMES W BEE

Jan. 5, 1994

at high tide, 22 double-crested cormorants, 18 common mergansers independently fished off Lichen Point. They formed a small wake. They swam as units in different directions and adjusted their group formation by fly-paddling on water within the groups. The common mergansers were the most active and travelled the greater distances.

Photo 940105-15

The Bee boat at Shoal Bay marina.

Photo 940105-19

Sunset at Shoal Bay marina.

Jan 6, 1994

To Anacortes and return via ferry. many logs circulating in Rosario Straits

at Bee House σ^1 mule deer of last year 28" high at shoulders.

Jan. 9, 1994

Out of 12 common mergansers, 2 were σ^1 . Front Bee House. A dead head log moved from Lichen Point to Dissected Point with rising tide. It remained attached at the latter point.

Jan 11, 1994

In front Bee House were 15 common goldeneye 3 of which were f . also 1 marbled murrelet and 8 common murrees.

Jan 15, 1994

In N Lopez Sound in front Bee House were 84 pelagic cormorant, 1 double-crested cormorant, 21 common mergansers and 1 mew gull.

This is a season when shoreline beaches erode down to a lesser angle.

Jan 20, 1994

Sunrise 8:01:40



0 ← Les Reef.

13 miles from Bee House to Causeway of Sperry Peninsula via island roads.

Jan. 24, 1994

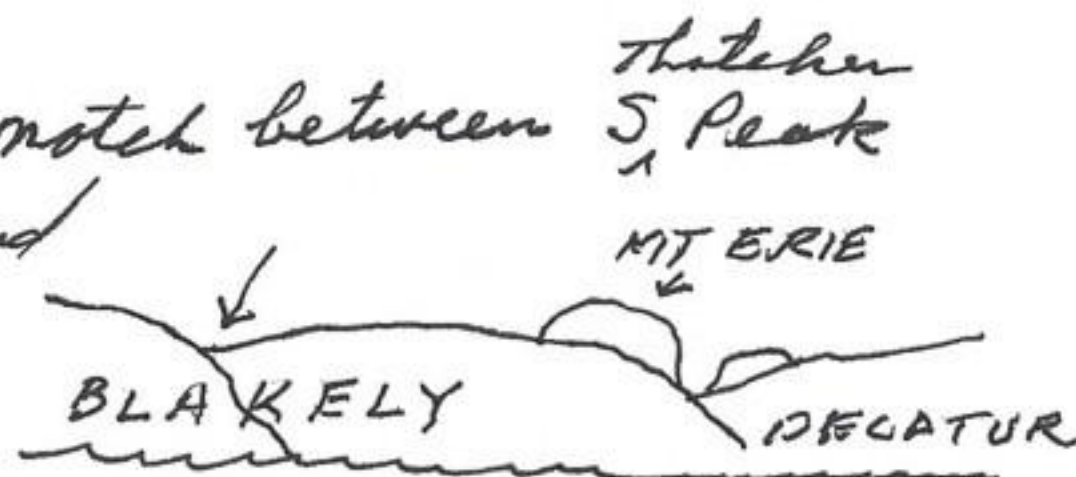
Took several presunrise photos of clouds in direction of sunrise:
940124-23, 940124-26, 940124-27, 940124-28.
all from Bee House.

From 7:50 - 8:15 A.M. groups of 11, 12, 3, 28, 8, 14, 13, 58, 8 pelagic cormorants flew just above water 300' SE Bee House. Ordinarily in A.M. they fly S.

Jan 28, 1994

Sunrise at 7:53:35 A.M. at exactly notch between Thatcher Peak and lower extension of Blakely Island

Out of 34 Common merganser only 4 were ♂.



Jan 31, 1994

At approx 9:30 P.M. a bat with about 6" wingspread flew into outside of window, fluttered down to sill and remained 1/2 minute then left.


Feb 1, 1994

16 great blue herons left N end island W of Fisherman's Bay as one group, circled 3 times over bay and returned.

Feb 2, 1994

exact sunrise, local not specified 7:52:31 A.M.

6 Common murrelets at Lichen Point at sunrise.

9:40 A.M. 7 river otter swam N past Bee House, all kept close order and dove regularly. One caught a fishlike animal light-greenish 

♂ mule deer with antler buds groomed mother.

Feb. 3, 1994

Photos of sun at an edge of clouds after sunrise.

nos 940203-35 sun riding clouds

940203-36 sun above notch between S Thatcher mt + low relief

940203-38 reflection of sun on water in Leo Reef area

Feb 4, 1994

Photo of sunrise as it moves up slope of S Thatcher mt. 910105-15

Feb 5, 1994

Took several photos brilliant pre sunrise sky. Taken from Bee House, N/G

Feb. 7, 1994

Temp 24°F, wind N 60 MPH, waves 30' swell, 3-4 ft. high, spray to and in forest trees on shoreline.

mule deer arrived at Bee House 9:00 A.M. Usually in high wind they stay in forest and come next day.

3 double-crested cormorants feeding in high waves. a glaucous-winged gull just Bee House approx 1 every 10' minutes.

Feb. 8, 1994

In S Fisherman Bay Lagoon, half frozen, 1 great blue heron, 42 northern pintails, 28 mallards, 37 western sandpepers, 8 glaucous-winged gulls, 10 American Crows, all in grass SW Lagoon.

Feb. 9, 1994

Mary arrived from Alaska for a week or so. In ^S Fisherman Bay Lagoon, 2 hooded mergansers, 37 common mergansers at 11:15 A.M.

At 1/10 mi E on Port Stanley Rd from Odlin Park turnoff, 1 ring-necked pheasant and first observed in 7 years. Also 1 Calif. quail on same road by 2/10 mi. E.

This A.M. before sunrise took several pictures of brilliant sky and clouds from Bee House shooting SE toward Mt. Erie area.

940209-3 colored clouds pre-sunrise.

4 ibid

5 ibid

8 ibid

11 from living room Bee House.

12 colored clouds pre-sunrise.

Feb. 10, 1994

Mary left for Homer, Alaska.

On two occasions double-crested cormorant become air-borne from crest of way



Feb. 14, 1994

Recorded the following scenes:

940214-17 Bee Boat at Shoal Bay marina.

940214-22 Presunrise sky to SE Bee House

940214-25 ibid

940214-31 Shoreline S Bee House, murre in foreground.

4:30 P.M. 1 river otter swim S past Bee House.

Feb. 14, 1994

no bald eagle visible on nest NE Frost Island since Feb 1, this year.
One adult on ridge of Flower Island.

3:00 P.M. 2 harbor seal Les Reef.

most single cormorants are double-crested,
most common bird using ^{under} outside straits, ^{Bee House} is the Rufous-sided towhee.
The song sparrow and dark-eyed junco also use this roosting spot.

Feb. 15, 1994

2 bald eagle on ridge of Flower Island.

Feb. 16, 1994

11:00 A.M. waves 21 per minute in front Bee House. no bald eagles visible on nest SE Frost Island or on Flower Island.

Feb. 18, 1994

Eagles (bald) in area, one on Flower Island, the other in same area flew to Les Reef for 20 minutes then N past Bee House.
River otter in front Bee House diving for long periods of time for food, 5:00 P.M.

Feb. 19, 1994

sunrise top S Thatcher Peak. First visible sunrise in last 10 days.

4:00 P.M. 15 harbor seal on Les Reef, 13 of which were light colored.
2 double-crested cormorant and 48 common mergansers in front Bee House

16 mew gulls in area, no bald eagles in sight.

Feb 20, 1994

Sunrise 7:33 A.M. near top S Thatcher Peak.

4 photos of presunrise clouds SE Bee House.

940220-2

940220-7

940220-4

940220-8

940220-5

940220-6

Feb 21, 1994

10:05 river otter swim S past Bee House and past 2 hooded mergansers not over 2' away. before the mergansers left and flew out

100'. The otter put-out at Flat Rock to old marking spot of grassy flat, thence S.

33 mew gulls hunting surface debris in front Bee House.

3:40 P.M. river otter swam N past Bee House.

Feb. 22, 1994

To Anacortes via ferry. Glaucous-winged gulls (25) generally distracted on Painter Island. At Anacortes got phone for Sony repairs 800-222-7669.

Feb. 27, 1994

10:30 A.M. river otter grooming at grassy swam on Lichen Point. It groomed for 25 min in the dry grass. Another river otter was on shore below Bee House eating some kind of marine animal. It shifts the food from side to side.

2 bald eagles on upper rock of Flower Island. They stood almost touching each other.

Feb. 28, 1994

8:35 A.M. First Townsend chipmunk of season, day cloudy, temp. 45°F. Waves under whitecaps from S.

14 harbor seal Leo Reef.

March 2, 1994

Townsend chipmunk observed every day since first observed Feb. 28, 1994

There is some correlation of ^{air} temp and water temp. Harbor seal pull-out when air temp is greater the water temperature (cloudy days)

14 harbor seal Leo Reef.

matriarch mule deer motivated dominant to other degrees of dominance within the herd.

March 3, 1994

no harbor seal on Leo Reef, low tide.

Mar. 4, 1994

2:45 P.M. 15 harbor seal Leo Reef. A sunny day and best in several weeks.

1 adult bald eagle Flower Island, 1 ad. bald eagle in tree on Lichen Point. no visible eagles on nest NE Frost Island.

march 5, 1994

Sunrise 6:58:00 A.M.



5:45 P.M. 2 adult bald eagles on Flower Island, one on ridge and one on rock knoll. 8 American crows 25' away. no glaucous-winged gulls on island but approx 300 on E end of Spencer Spit.

1 harbor seal on Leo Reef Rock #11, Rock #10 about 8" above water.

6:03 P.M. One of the eagles left Flower Island and flew to and alighted on the nest NE Frost Island. Remained 9 minutes then with other eagle on Flower both left and flew NW.

march 6, 1994

Sunrise 6:58:32 A.M. less than diameter sun from notch.

9:10^{AM}, 4 river otter swam N past Bee House.

9:10 - 19:35 A.M. a ♀ common goldeneye fed approx 50' out from Spring Cove. It remained under water on an average of 42 seconds. a ♀ common goldeneye used same area on two previous days.

Arnette and I made trip to S end Thrump Island in the Bee boat. 4 mi. trip. It took 1 hr and 20 minutes and return in 1 hr and 55 min.

A bald (ad.) eagle left Flower Island and flew to ridge (old tree) on Frost Island opposite E end Spencer Spit. Birds observed on trip 8 glaucous-winged gulls, 76 mew gulls, 4 oldsquaw ducks, 18 double-crested cormorant 1 pigeon guillemot. On return trip 110 pelage cormorants on Roosting Cliffs NW Humphrey Head. On trip down averaged 3 miles per hour against wind and 6 miles per hr return with wind.

march 7, 1994

Sunrise 6:54:40 A.M. Sun appeared 1/2 way to middle notch of distant ridge between Bald Bluff and N Thatcher Peak - back ridge notch.

5:33 A.M. adult bald eagle on low rock N end Flower Island. no eagles on nest NE Frost Island.

9 harbor seal Leo Reef.

6:05 P.M. 2 ad. bald eagles almost touching on ridge Flower Island.

6:10 P.M. one of the eagles flew to top dead conifer (Douglas fir) approx. 50' from nest NE Frost Island.

Lights fading.

March 8, 1994

To Anacortes on 7:50^{AM} ferry and return. on Pointon Island 109
glaucous-winged gulls generally distributed.

March 9, 1994

To Anacortes via ferry. At Lawson Rock approx 120 common
mergansers, 18 double-crested cormorant, 4 marbled murrelet, 40
common murre, 4 pelagic cormorants; 8 pigeon guillemots.

March 10, 1994

A swimming group of 1 double-crested cormorant, 2 ♂ common
mergansers and 5 ♀ common mergansers. Front Bee House.

March 11, 1994

8:30 A.M. River otter swim S past Bee House, 2 violet-green swallow
in air at Bee House.

March 12, 1994

4 photos of color clouds at sunrise from Bee House to SE, including
full view, zoom, 1000 mm. Water has been quiet yesterday
and this A.M. No photo 940312-2, 940312-4, 940312-5, 940312-6.

7:20 A.M. 2 violet-green swallows in air in front Bee House.
At one time 5 were interested in same nesting box^(S) on Bee House.

March 14, 1994

Sunrise approx 2 sun diameters up slope on Bald Bluff.
Birds on Swift Lagoon, 19 shovellers, 14 gadwall, 2 northern pin-
tails.

Pond at junction Cross and Port Stanley roads, 8 american widgeons,
9 Canada geese, 12 northern pintails.

W of causeway at S Fishermans Bay Lagoon, 5 harlequin ducks,
3 buffleheads, 1 common loon. On E side of causeway, 28
buffleheads, 13 greater scaups, 16 northern pintails.

March 15, 1994

11:00 A.M. ad. bald eagle soaring above N end Flower Island.
To Anacortes ^{via ferry} and return. Glaucous-winged gulls generally dist-
ributed on Pointon Island. On return trip at 6:40 P.M., late
twilight, 30 glaucous-winged gulls on pilings at Lopez Island
terminal

March 16, 1944

2 adult bald eagles on nest NE Frost Island, one ad. bald eagle in dead tree on low side Flower Island. Time 2:05 P.M.

March 18, 1944

2:10 P.M. river otter swim S past Bee House. Adult bald eagle flew S past Bee House.

March 19, 1944

First violet-green swallows at nesting boxes since first day of arrival.

Series of photos of clouds and (2) of teasel plant, from Bee House shooting to S. Time 9:00 A.M.

940319-7 Bold cumulus clouds from Straits of Juan de Fuca, Wash.

940319-8 "

940319-9 "

940319-10 "

940319-11 "

940319-12 "

940319-13. Dipsacus sylvestris, Teasel and adventive from Europe

940319-14 Bold cumulus clouds from Straits of Juan de Fuca, Wash

940319-15. Dipsacus sylvestris, teasel an adventive from Europe.

940319-16 Bold cumulus clouds from Straits of Juan de Fuca, Wa.

March 20, 1944

Wind to 60 MPH. 3:10 ^{harbor} no seal, no bald eagles on Flower Island.

6:00 P.M. river otter swim north past Bee House with wind & waves 30 MPH.

Stinging nettle leaves 6" high

March 21, 1944

To Anacortes via ferry. Snow in Thatcher Pass, water calm. From Anacortes to Dr. Crowels office at clinic (ophthalmologist) near United General Hospital at Cedro Wooley. Took several photos of brilliant color of shrubs and plants in front of her building (with Annettes camera) Continued S to Chris' on Lost Lake, Snohomish Co..

March 23, 1944

Returned to Lopez Island. Along river road to highway 9 snow on ground. In orbow lake approx 2/10 mi W Three Rivers Camp, observed at least 2000 American widgeons & other ducks.



march 24, 1994

Sunrise 6:29:30 base of trees
6:31:00 top of trees

To Lopez Village; no birds on Humphrey Lagoon; ^{42 new gulls} 8 glaucous-winged gulls Low Beach Surf Bay; 7♀ 9♂ shovellers, 4 gadwalls, Swift Lagoon; 8 Canada geese, 4 mallards Peckering Pond; no birds on Hummel Lake, junction Port Stanley & Cross roads, 14 Canada geese, 5 gadwalls.

5:30 16 harbor seal Leo Reef.

To boat to place notes under charts.

march 25, 1994

sunrise 6:29:05 AM (see A above)

Painted and put n box for violet-green swallows.

march 26, 1994

At sunrise violet-green swallows entering N & S nesting boxes. Timed submergence common goldeneye in front Bea House, 21 minutes, 20, 20, 26, 22, 31, 25. Deeper waters show longer submergence.

Greene wood-boer active.

In an area of 30' x 30' 8♀ and 2♂ common mergansers fished for 10 minutes or longer.

To Anacortes via ferry. 32 glaucous-winged gulls generally distributed on Spencer Island. Continued to Chris' at Lost Lake. Property n of Chris has been cleared of prime conifers for home building. Of 54 logs piled for hauling away average age 60 years, oldest 68 years. An example of diameter of logs: 40", 42", 43", 38", 42". There were 10 over 40" dia. The tops of trees averaged 1 foot in diameter.

This afternoon Chris & family and Annette & I to Houston Falls Episcopal Church Camp. Caretaker said Douglas squirrel piled walnuts out side cabins, then one at a time from the pile to place in storage nest inside cabin.

Returned to Lopez Island. At Anacortes ferry terminal 1 surf scoter. no birds observed to Lopez Island except 21 glaucous-winged gulls on piling at Lopez Island ferry Terminal.

March 31, 1994

at 1:55 P.M. at low tide observed following seal; 17 on Leo Reef Rock # 9, 16 on Rock # 11. none on Leo Reef proper. Rock # 10 approx 1 foot above water.

Bald eagle on n. NE Frost Island.

3:30 P.M. W side Causeway S Fisherman Bay Lagoon; 13 surf scoters, 9 glaucous-winged gulls, 2 mallards, 7 American crows. On E side Causeway; 43 northern pintails, 19 green-winged teal, 57 glaucous-winged gulls. 7 American crows. marshes are still brown in color. At pond Cross and Port Stanley roads, 29 Canadian geese, 17 American widgeons, At Swift Lagoon, 35 gadwalls, 8 shovellers, At Humphrey Lagoon, 2 buffleheads.

At Bee House first band-tailed pigeon of spring. Rufous hummingbirds fed on flowers of madrona tree in front Bee House.

April 1, 1994

Birds of Swift Bay. 27 common mergansers 5 of which are ♂, 2 buffleheads, 68 glaucous-winged gulls, 13 American crows. At Swift Lagoon; 27 gadwalls, 15 shovellers, 1 greater yellowlegs, 11 green-winged teal. Pond at Cross & Port Stanley roads 15 Canada geese.

3:15 P.M. Otter fished below Bee House and consumed prey on rocks of shoreline. Made 9 dives in same area. Continued S.

4:35 P.M. 12 harbor seal Leo Reef Rock # 9; 13 harbor seal Leo Reef Rock # 10.

April 2, 1994

30 harbor seal on Leo Reef proper, 7 of which are dark.

5:30 P.M. bald eagle on nest NE Frost Island

April 3, 1994

10:05 ad. bald eagle flew N past Bee House. This notation frequently used means that the eagle flew parallel to ^{Bee} house and from 2 feet above water to 100' above water average 60' above water.

Townsend solitaire drank rain water on beach rocks.

10:05 P.M. river otter swam N past Bee House and a bald eagle flew N past Bee House.

From the Island Independent of March 31, 1994 (a newspaper type publication.) record information on mt goats on the Olympic mts.

Antje and Keith Gunnar report. "mt goats present in the Olympics as observed by S.C. Gilman, National Geographic, 1886," "1884 Capt. Flattery natives manufactured blankets from wool of wild goats." Seattle Press, July 16, 1890 Capt. Charles A. Barnes, member 1889-90 Press Expedition thru Olympics, one goat seen by party."

April 3, 1994

To Anacortes 10:20 A.M. There were 2 log trucks from Lopez Island on boat, one had 18 logs, the other 16 logs. On one truck 1 log diameter 36" (Doug. fir) one measured 56" diameter (cedar), 9 others from 30"-50" diameter

April 5, 1994

7:15 A.M. most bald eagles fly straight N or S past Bee House at about 60 feet above water and 20' out from shoreline. One immature bald eagle, however, circled 5 times between Bee House and Lichen Point. At one point it alighted on Flat Point and fed on scraps of debris there. 2 American Crows challenged the bald eagle by striking the eagle's back but with raised wings it was able to ward off the crows. The eagle finally left crows and flew N past Bee House with food in talons. For last 3 days 2-3 imm. eagle have been observed, 4 together one early A.M.

April 7, 1994

To UWMC for vocal cord surgery. Stayed Chris' home on Last Lake this evening. Jay from Kansas here.

Collected a shrew-mole neuroticichus gibbsii at Chris' home, Last Lake, Snohomish Co., Wa. no. 940407-1

Chris reports a Canada goose in 2' corridor between Boeing building at Everett and sidewalk, nest with 3 eggs, ♂ nearby. would attack people walking on sidewalk past nest.

UWMC - begin chemotherapy - Dr Thompson and nurse Dr. John.

April 18, 1994

at UWMC had percutaneous endoscopic gastrostomy.

April 22, 1994

Left hospital to Chris.

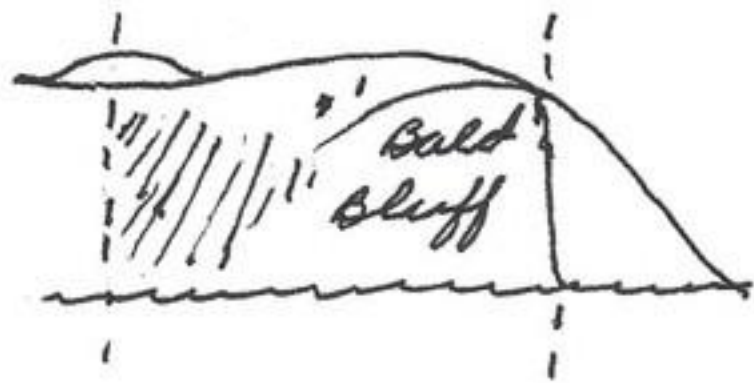
April 23, 1994

Left Chris' for Lopez Island, and arrived later same day.

5:07 P.M. violet-green swallow to 5 nesting box.
 Photo Christmas plant at Bee House. no. 940423-18

April 25, 1994

8:35 A.M. violet-green swallow entered 5 nesting box on Bee House,
 then remained. 32 bright greenish yellow trees on Blahely
 Island.



April 26, 1994

6:30 A.M. violet-green swallows (+) in and out of nesting boxes on
 Bee House.

8:22 A.M. violet-green swallows carried a 3" feather into 11 nesting
 box on Bee House.

mule deer eating new terminal growth on Douglas fir trees. also
 new leaves of Teasel and other new plants.

To Lopez Village. marshlands still brown except around edge which
 is green.

April 26, 1994

8:15 A.M. 2 harbor seal on Leo Reef Rock # 9 while still submerged.
 6 other seal swimming in area of Leo Reef Rock # 1 waiting anchor.

8:24 A.M. 2 seal are now anchored on Leo Reef Rock # 11.

8:37 river otter 5 past Bee House.

9:03 adult bald eagle displaced 3 harbor seal barely anchored on Leo
 Reef Rock # 11 still submerged. The eagle did not effect 5 harbor
 seal on Leo Reef Rock # 9. It left at 9:12 A.M. 6 harbor seal
 north Flower Rack

11:40 Leo Reef Rock # 7 barely emergent. ^{#6 #7} ~~many~~ ⁺ ~~logs~~ ⁺ ~~and debris~~ ⁺ in sound. Low tide to-
 day was 1.8. (12:10 P.M.)


12:00 P.M. 45 harbor seal on Leo Reef Rock # 9 & # 11 plus north
 Flower and Little Flower Rack

1:00 P.M. Logs and debris still moving S even though tide coming
 up. However, currents are trending N in Leo Reef area.

Logs 20' to 6", debris, tree limbs are all oriented in current
 paths of smooth water.

Common loon first bird in sound except Glaucous-winged gull.
 Good currents at 3:40 P.M. Low tide allows Leo Reef to
 dry out on top.

April 27, 1994

To UWMC for release of pressure of 'PEG'  Returned Lopez Island.

April 29, 1994

7:50 A.M. Seven violet-green swallows flying to nesting boxes, chasing each other and hunting for insects for 20 minutes.

April 30, 1994

6:10 A.M. ad. bald eagle flew 5 past Bee House, clouds static.

6:42 A.M. first violet-green swallow to 5 nesting box. Out at 6:48 A.M.

6:46 A.M. First glaucous-winged gull to top Bee House, has only one leg.

7:00 A.M. 2 swallows flew in area of nesting boxes without entering for 4 minutes.

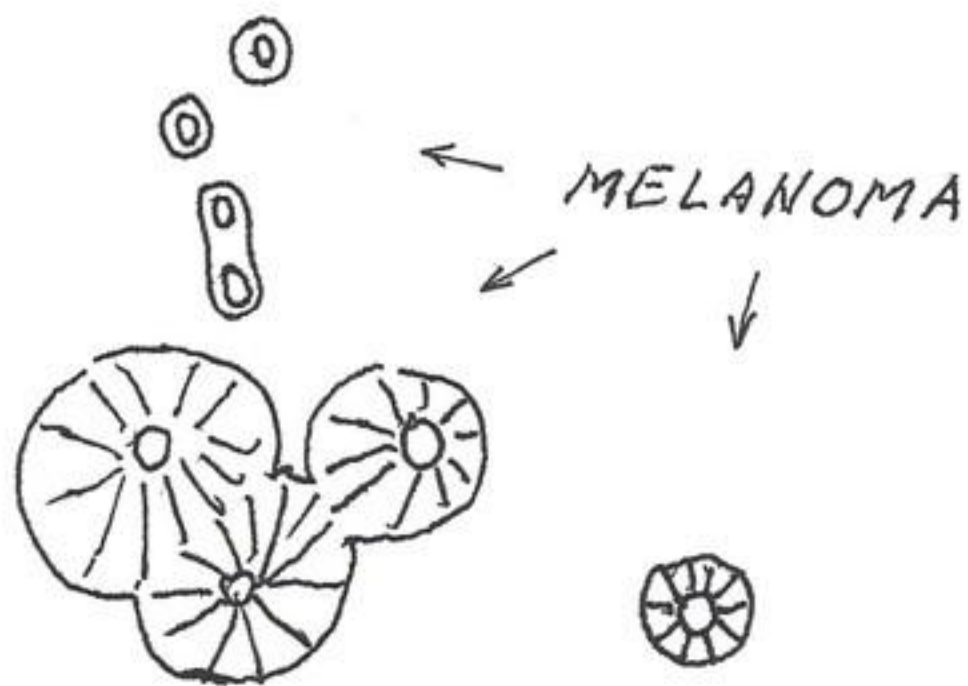
9:22 A.M. 10 violet-green swallows in area and concerned about nesting boxes on Bee House.

Recorded on this date the pattern of melanoma on neck below left ear. Each area a raised lump of cancer darkened with blackish gray. (see April 11 for date of original drawing). April 18 was the first day with greenish-black BM.

 AUDITORY OPENING




SCALE MM



May 1, 1994

sunrise 6:16:31 A.M.



8:51 P.M. violet-green swallow entered nesting box at late twilight, almost dark.

May 2, 1994

First violet-green swallow entered nesting box 6:20 A.M., left 1 minute later.

Average of per cent frequency of birds at Bee House. Rufous hummingbirds once every 2 days (no artificial feeding) feeding on flower of madonna. American Crow (1-8) once daily. Rufous-sided towhee once every 3 days. Song sparrow once a week, dark-eyed junco once every weeks. House finch once a week. Some days no waterbirds except 10-12 glaucous-winged gulls. American robin once a month. Violet-green swallows 3 times a day, in numbers of 1-3, or groups of 5-10 birds in air. Townsend chipmunk once every ^{other} day. Eastern gray squirrel once every 3 days.

4:06 P.M. 5 river otter swam north past Bee House.

7:19 P.M. bald eagle on nest.

8:05 P.M. Can't believe so few birds in N Lopez Sound in the last 3 weeks.

May 3, 1994

6:15 A.M. First glaucous-winged gulls to roof top Bee House. also first violet-green swallows. They spent 1/3 of their time sunning (with backs toward sun) from limbs of Douglas fir and from roof top Bee House. They preened feathers most of time.

9:00 P.M. 4 river otter swam S past Bee House.

May 4, 1994

2:08 P.M. river otter swam S past Bee House.

May 5, 1994

2 violet-green swallows arrived south nesting box at 6:30 A.M.

6:51 A.M. 6 violet-green swallows vying for nesting boxes on Bee house.

6:52 A.M. no swallows in area for 3 minutes.

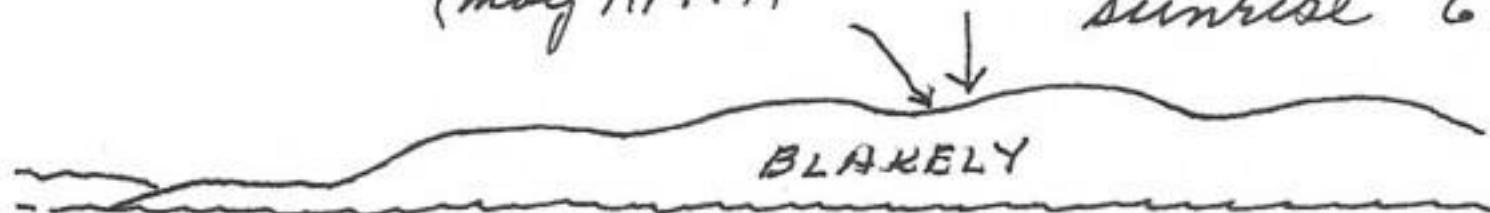
2:18 P.M. first ^(in 4 weeks) aggregate of glaucous-winged gulls in front of Bee House.

May 6, 1994

- 5:33 A.M. First violet-green swallows at S nesting box on Bee House
 5:36 A.M. First gull (glaucous-winged) in air
 5:55 A.M. First violet-green swallow to S nesting box Bee House.
 5:55 A.M. First bald eagle flying S past Bee House.
 5:56 A.M. First American crow (5) to feeder at Bee House.

(May 7, 1994)

sunrise 6:05:52. (all sunrise sightings are from master bedroom Bee House)



This A.M. before sunrise, sound smooth. No activity of birds, mammals, or fish.

Slight breeze 20 minutes after sunrise.

- 6:31 group 9 ^{violet-green} swallows at nesting boxes for 5 min.
 6:55 Harbor seal fishing 80' out from Bee House.
 6:56 violet-green swallows to N nesting box with 15" long grass blade and later a 8' fiber.
 7:06 Les Reef Rock # 9 and water 1' below. # 11 just emerging.

12:30 P.M. Les Reef Rocks # 4, 5, 6 19 harbor seal.

6:18 P.M. 9 harbor seal Les Reef and 1 imm. bald eagle not over 5' from the seal. The seal accepted the presence of the eagle.

James Robert Bee on ferry to Friday Harbor observed 10-15 Orca whales at W end Spieden Island. 3 pleasure boats were harassing the orca.

May 7, 1994

5:58 A.M. first violet green swallows to S nesting box entered and stayed.

5:59 A.M. second violet-green swallow entered N nesting box & remained.

Sunrise 6:04:02 (see May 6 diagram for location on ridge).

9:45 A.M. A Cooper hawk flew N past Bee House of living room height, alighted 20' N of house for 3 minutes, then left.

sunrise 6:01:50
(at notch)

May 8, 1994



Ferries take 12 minutes to travel from W end Thatcher Pass to directly E of Bee House. Times vary because of wind, currents etc. This A.M. the currents in Lopez Sound from Les Reef to Frost Island trended E W rather than the usual N S trend. Breeze from S.

May 9, 1994

Left Lopez Island 10:50 A.M. for Chris' at Lost Lake.

May 10, 1994

To UWMC for second chemotherapy in evening.

May 11, 1994

Mary Bee Kaufman arrived from Homer, Alaska today.

May 15, 1994

upper parts Les Reef (at low tide) is dry, ^{and light colored} whereas below the top of the reef is wet looking and dark.

May 18, 1994

First bat (small myotis) at daybreak and returning to roosting area in roof of Bee House.

at daybreak, 3 pairs robins past S in front Bee House.

at pond junction Port Stanley - Cross roads 1 pr. Canada geese with 7 goslings $\frac{1}{3}$ body size of adults. 3 other pairs of geese had few goslings that ranged from 8" to 12" in body length.

Mary Pauline Kaufman hiked from Lopez Village, N along beach to Flat Point, thence beach to Odlin Park, thence to Bee House. She observed 2 bald eagles, 3 belted Kingfishers.

In last 3 months no birds ^{or mammals} in Lopez Sound between Les Reef & Bee House except glaucous-winged gulls, bald eagles, American Crows & harbor seal, Mary also made the comment that she had not witnessed bird activity in Lopez Sound in last 5 days.

Rufous hummingbirds have taken 2 days to recognize the new feeder placed on Bee House, and three or 4 days have only visited it occasionally.

3 house finch, 1 Rufous sided towhee and dark-eyed junco at feed (cylinder) at Bee House.

Adult ♂ goldfinch visited feeder for first time this year.

May 19, 1994

4:52 A.M. first violet-green swallow to arrive to box.

Sound in perfect reflection. Brilliant sky to NE.

5:10 A.M. Still yellow to NE, some red under clouds

5:13 A.M. Last brilliant yellow, now light yellow sky more red under clouds.

5:21 first bald eagle (imm.) flew S past Bee House.

5:39 A.M. first Crow to arrive (always from S),

5:44 A.M. 2 30' diameter patches of surface activity (jumping fish 1/2 way to Leo Reef from Bee House.

Purchase cord wood 120⁰⁰ and first in 9 years on Lopez Island.

7:20 A.M. 2 river otter swim S past Bee House.

Cattails in swamp n of Hummel Lake still brown but green growing along edges of waterways

Depression basins 50-50 green & brown with green mainly around edges.

4:20 P.M. bandtail pigeon at Bee House.

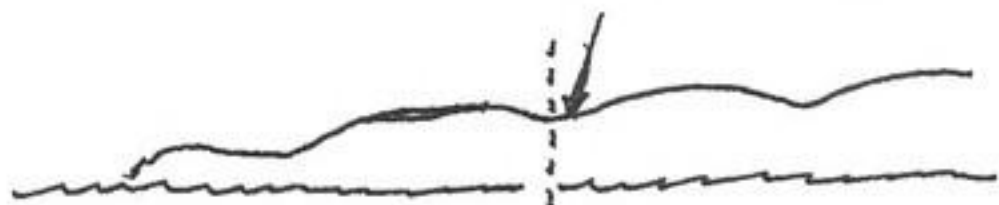
May 21, 1994

7:30 A.M. Mary Bee Kaufman observed ♀ nursing fawns.

May 22, 1994

Sunrise 5:39:36 A.M.

Sun a fraction S of notch.



Last night at least 20 boats anchored at Spencer Spit.

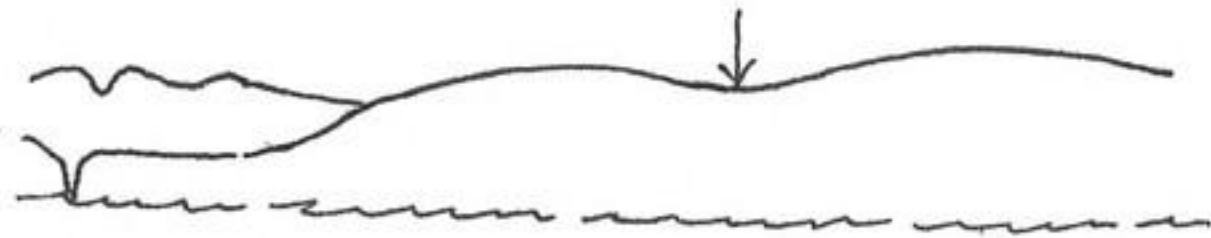
Mary Bee Kaufman observed at marsh n of Hummel Lake; ♀ rediving blackbird feeding young. Another male chased a female blackbird. Also observed were 1 yellow-throated warbler.

May 23, 1994

Sunrise 5:38:20 A.M. Passed through its own diameter by 5:42:14 or 4 min, 2 sec to cover diameter. The position on ridge is between May 22, 1994 and the actual divide or notch. Sky clear.

Observed Calif quail 100' E of Shoreland & Port Stanley roads.

May 24, 1994

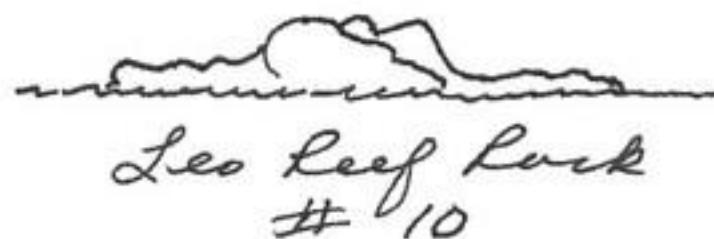


Sunrise 5:37:10 A.M. and seen (top) fit perfectly in divide or notch.

Sunrise are approx 1 min, 13 sec earlier each day.

At -2.2 tide at 10:45 A.M. Leo Reef Rock #6 completely above water and #7 1' above water. No #10 is approx.

2' high and shows shoulders on both sides. Leo Reef Rock #8 is submerged but kelp defines its position.



Leo Reef Rock
#10

Harbor Seal in area:

Leo Reef Rocks #4-6	10 harbor seal.
" " " 9	21 " "
" " " 11	3
<u>total</u>	<u>34</u>

All seal in low tidal zone.

no other seal in area.

May 25, 1994

-2.7 tide today.

10:55 a starling checked 2 violet-green swallow nesting boxes. 8 violet-green swallows arrived from nowhere and harassed the starling

at 11:37 on a -2.7 tide:

11 harbor seal Leo Reef Rock #9
5 " " " " " #11

no other seal in area.

Adult bald eagle on nest.

3:10 P.M. Ad. ♀ mule deer grazing on shoreline at Lichen Point.

May 26, 1994

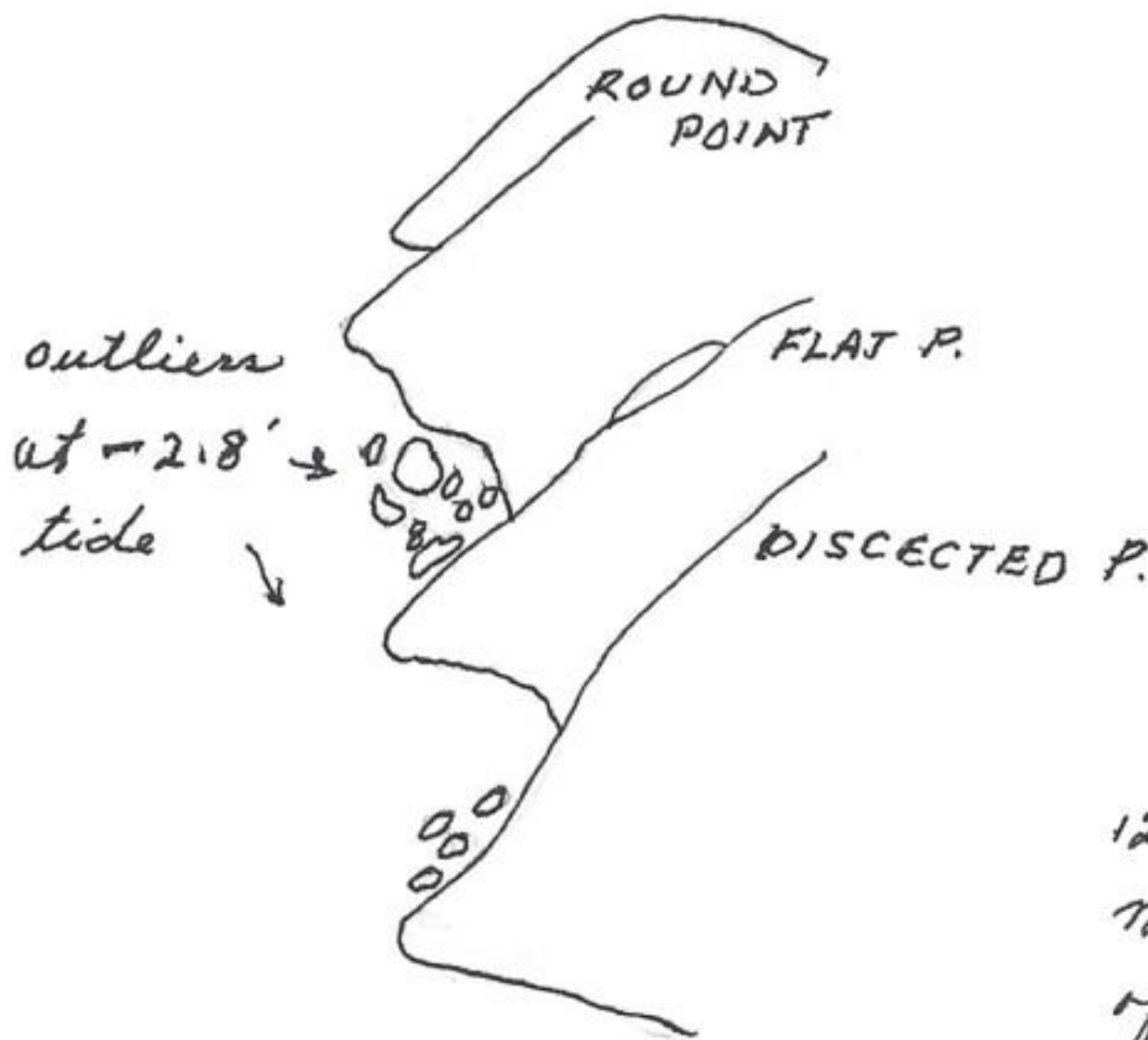
6:37 A.M. 3 river otter swam n past Bee House

12:24 low tide markers

Harbor seal on pullouts:

36 seal Leo Reef Rock no 9
5 " " " " " 10
1 " " " " " 11

Rock #9 has more extensions than at higher tide.



12:24 adult bald eagle on edge of nest NE Frost Island. young a hump in center of nest. The adult flew 70' to another tree perch of a Douglas fir. The young stood up, flapped its wings and then settled down to the hump outline.



May 27, 1994

at 12:40 P.M debris consisting of brownish plant material moved S into area. at 12:50 the debris had moved W to shore.

1:11 PM -2.4' tide

1:11 PM Harbor seal in area:

40 seal on Les Reef Rock #9 all high on rocks. no other
9 " " " " " #11 seal in area.

4-6 rufous hummingbirds at feeder every day.
no bald eagles on nest NE front. young may have left nest.
when tides are - the waves disturb mud deposited by the
O'Leary landslide a year or so ago. The mud clouds the water
a brownish mudlike color and is distributed mainly on SE entrance
of Spring Cove. However waters can become muddy in cove, and out-
side Cove into the sound for as much as 100'.

8:15 A.M. 6 rufous hummingbirds at feeder at one time. one held its
bill in hole for 8 seconds without interruption. For a period of 1 hour
at 5 min intervals recorded the frequency of feeding:

8:15 AM.	3	hummingbirds	at	feeder
8:20	3	"	"	"
8:25	2	"	"	"
8:30	3	"	"	"
8:35	2	"	"	"
8:40	3	"	"	"
8:45	4	"	"	"
8:50	2	"	"	"
8:55	2	"	"	"
9:00	1	"	"	"
9:05	1	"	"	"
9:10	1	"	"	"
9:15	no activity and ending of days feeding.			

May 28, 1994

Photo 940528-1 of rainbow, ferry & Blakely Island in background.
Rainbow formed at 7:30 P.M. Photo 7:38 P.M. From Bee House.

May 29, 1994

Day cloudy. at 4:49 A.M. a small sized myotis returned to roosting
site on Bee House.

4:49 A.M. First violet-green swallow arrived.

4:52 A.M. adult bald eagle flew S past Bee House.

May 30, 1994

In afternoon 2 ad. violet green swallows made 6 trips each to
nesting box, bringing nesting material including feathers and plant
fibers. One feather measure 6" long and 1/4 inch wide but could not be

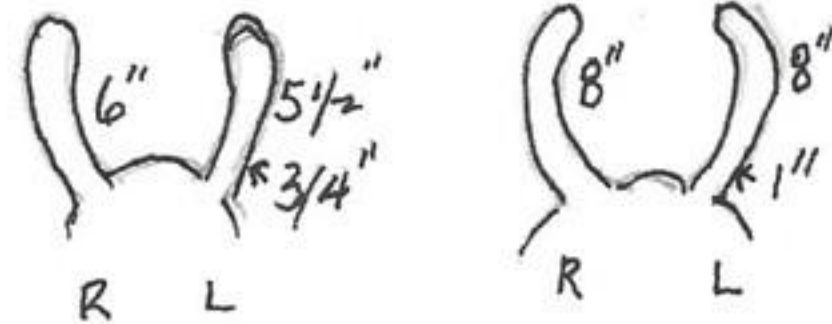
pulled into the box.

June 2, 1994



Sunrise 5:28:28 A.M.

At above time, 3 harbor seal were observed to feed in area. Mule deer at Bee House this AM include 4 ♂ and 5 ♀. Two of the males had similar antlers. Within the mule deer herd, the fastest things on deer feet are the new fawns. They race around the hillside at full speed.



Swallows feeding young swallows outside ⁿ nesting box. Observed a rufous hummingbird fly SE to out of site (over sound). An eastern gray squirrel Sciurus carolinensis was killed in road by car at Graces Episcopal Church on Humphrey Head. The ⁿ nesting box of violet green swallow received nesting material for most of the day. 6:10 P.M. 6 r four hummingbirds at feeder at Bee House.

June 3, 1994

4:50 A.M. a small myotislike bat arrived at Bee House roosting site. It buzzed the entrance 3 times before entering.

5:00 A.M. violet-green swallows active.

4 mule deer fawns with adults at feeder.

This afternoon took several photos of mule deer and raccoon.

940603-3 Odocoileus hemionus, mule deer

940603-6 " " " "

940603-8 Procyon lotor raccoon

940603-12 " " "

940603-15 " " "

940603-16 " " "

940603-18 " " "

940603-22 Odocoileus hemionus fawn mule deer

940603-23 " " " suckling for 2 1/2"

940603-25 " " "

940603-26 " " tongue in nose.

3:00 P.M. 21 harbor seal Les Reef proper. The tourist with boat anchor at Spencer Spit and use dingys to check Flower Island and as a result they keep seal from using the outliers surrounding the island. In summer best areas are Les Reef Rocks #9 and #11.

June 10, 1994

Ocean spray, Isolodiscus discolor in full inflorescence. creamy to white. The white occur in shaded situations

June 12, 1994

windy all day and started abruptly. It blow 80% of dead leaves of madrona from trees. The leaves collected on ground on an average of 9 leaves per square yard. In crevices and depression leaves accumulated to 4 deep. Mule deer eat these dry leaves.

June 13, 1994

One turkey vulture in air at 1/10 mi. w of the 1917 school house

June 14, 1994

9:45 P.M. rufous hummingbird active.

June 15, 1994

4:45 A.M. violet-green swallows active.

Sunrise 5:20:10 A.M.



5:12 A.M. violet-green swallows preening feathers.

5:17 A.M. common raven flew N, high.

5:23 A.M. ad. bald eagle flew S past Bee House.

Large ♀ mule deer 29 1/2" high at shoulders first to leave feeding area at Bee House. Another ♀ mule deer with her 18 1/2" high at shoulders fawn still unstable on feet.

no bats between 9:45 and 9:56 P.M. Then one (large myotis) made 18 passes in front of Bee House 2'-6' out from eaves and along upper bedroom. Each pass was approx .1 minute. Stopped 10:17 P.M. and then left area. This hunting schedule occurs regularly at the same time in evening, moon 3/4, building relatively warm.

June 19, 1994

young fawns are not conditioned to man

11:00 A.M. 21 harbor seals on Leo Reef Rock no 9

13 " " " " " " " "

As high tide advanced seal crowded toward top of rock.

no bald eagle at nest but adult approx 40' from nest. It was on top dead branch Douglas fir tree and frequently used as a perch.

Informant said a young helpless crow had fallen from its nest on his property on Lopez Island.

Bat routine same as last night almost to the minute. Sky clear. moon 3/4.

June 20, 1994



Sunrise 5:23:01 A.M.

4:58 first swallow to n nesting box.

Rufous hummingbirds active 4:59 A.M.

Any abnormality of flight or behavior causes 4-6 violet-green swallows to hover over problem area. This is particularly true of awkward flight of a young swallow first leaving nesting box. It is difficult to determine behaviorism of these swallows.

Turkey vulture flying over field corner of Cross^{road} and Fisherman's Bay Road.

On E side of causeway at South Fisherman's Bay Lagoon noted 15 Caspian tern in one resting group.

marsh n Hummel Lake now all green in cattails except dead heads of last year.

Catchment basin now all green.

12 adults and 3/4 size american crows at pond junction Cross and Port Stanley roads.

Paul Quinney reports bats^(one) flying above his house at 11:00 A.M.

June 21, 1994

Sunrise 5:20:42 A.M. summer solstice. Took 4:02 mins for sun to pass thru its diameter.



Three photos of this sunrise:

940621-27. just as sun became visible, ^{tree tops} from Bee House.

940621-28 Top crescent showing.

940621-29 Sun just leaving tops of trees.

Seven photos of raccoon, Procyon lotor at Bee House.

940621-30 raccoon

940621-31 "

940621-32 "

940621-34 "

940621-35 "

940621-37 "

940621-38 "

1:40 P.M. met May & Phyllis at Lopez Island ferry terminal.
 43 glaucous-winged gulls on piling. This year there has been more of these gulls at terminal than previous years.

4:48 A.M. bat arrived to roosting site and entered.

4:49 A.M. bald eagle flew S past Bee House. First glaucous-winged gull to N.

5:14 A.M. violet green swallow left box. Rufous hummingbirds active.

June 22, 1994

Sunrise 5:51:00 AM base of trees on ridge. 5:51:06 top trees. 5:55:20 thru diameter. This is the day after summer solstice.

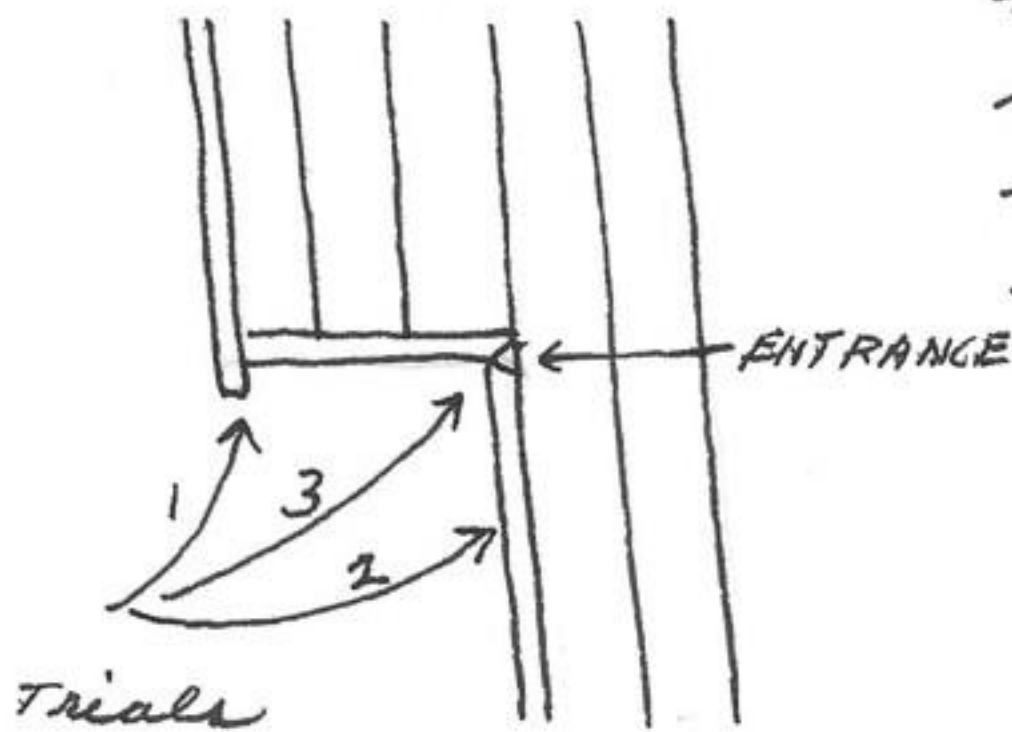


11:05 AM harbor seal in area:

- 31 seal Leskey Rock no 9
- 25 " " " " "
- 6 " " " " "

With 10 harbor seal on Big Flower Island, the total is 72
 If raccoons are pressed by mule deer, the raccoon will back up but returns is pressure diminishes. At times raccoon will charge deer and displace them.

June 23, 1994



4:42 small bat arrived at roosting area under eaves of Bee House. Error of enclosure of 2 boards allowed the bat to enter internal part of eaves. Sometimes the final approach to hole is repeated 4-5 times.

June 24, 1994

Violet-green swallow entered and left nesting boxes on Bee House from 6:00 A.M. to 6:35 A.M.

at a -2.5 tide a ♀ mule deer walk along the edge of water in plant and animal communities, Below Bee House.

Today sunrise was 5:22 A.M.

Rufous hummingbird active 6:20 A.M.

Raccoon darted at mule deer.



mule deer right antler definite 2 prong now

June 26, 1994

24 harbor seal on Leo Reef.

June 28, 1994

Sunrise 5:23:25



June 29, 1994

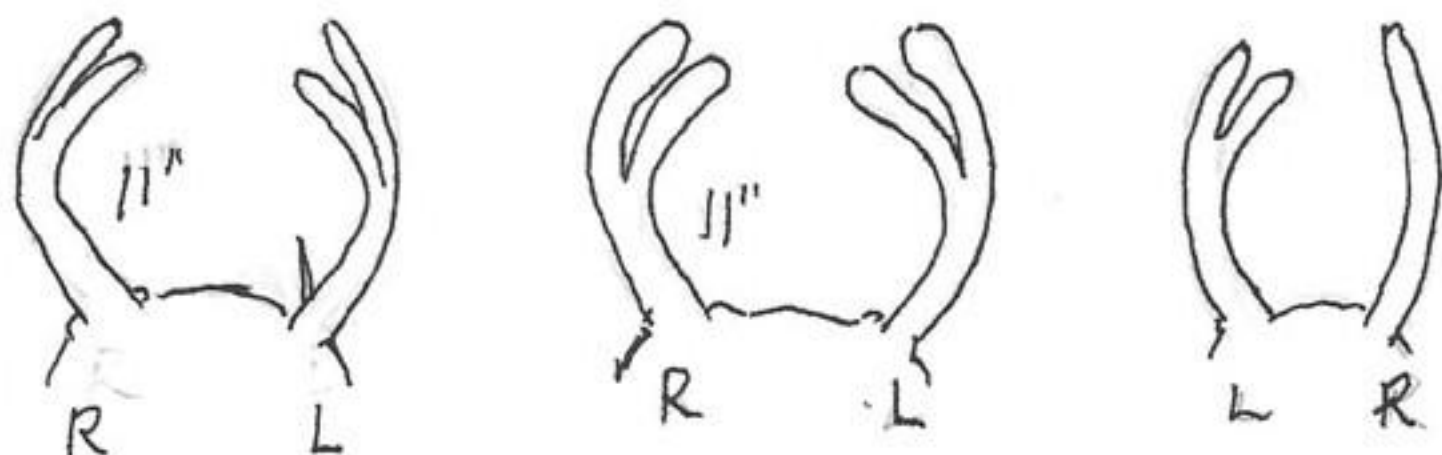
Bat returned to roosting area 4:37 A.M.

Bald eagle flew S at 4:41 past Bee House

violet-green swallow to nesting box 4:47 A.M.

Rufous hummingbird first active 4:59 A.M.

Recorded number of Nikon Camera FE 3928584



These ♂ mule deer and
3 ♀ and 1 fawn in
herd this A.M.

Left 10:10 A.M. for Orcas via ferry. Approx 270 glaucous-winged gulls on shore S of Lopez Island ferry terminal plus 64 on piling. Turkey vulture soaring above first bay E Shaw ferry terminal. On Shaw 3 pairs glaucous-winged gulls nested on top piling, 1 pair on cross support of main terminal.

July 4, 1994

10 river otters swam N past Bee House. They formed close group and travelled mainly forward.

Last night at 9:40 P.M., both bat and violet-green swallow foraging for insects. Mary & son arrived from Provo, Utah.

July 5, 1994

7:00 A.M. one of the young in N nesting box left and gained top of box where it rested and was fed by adults. The second young remained at entrance of box. The one on box flew to top of eave and returned. Its parents and 4 other curious swallows fluttered along with the young one. Adults recognized any change in behavior of their species and react by curiosity.

8:02 P.M. adults fed single young at entrance of nesting box. Later 2 adults entered & left box repeatedly.

July 6, 1994

One young violet-green swallow still in N nesting box, the second young outside but near nesting box. As far as I could tell it left area approx 10:00 A.M. (the one on outside of nesting box)

8:00 P.M. adult violet-green swallows in and out of box 2 times.

mule deer have a call that is made with or without opening mouth. most recently given by adults standing nearest the back door and feeding area preparatory to feeding.

on July 8, 1994

at 9:45 AM

July 7, 1994 second ^{young} violet-green swallow left today.

July 8, 1994

Don and Mary Bee Jensen of Provo, Utah noted a ruffed grouse, Bonasa umbellus, on the Bee Estate on Humphrey Head. It was on a windy, south exposed hillside among a Douglas fir - madrona community. Grasses and sparse underbrush covered most of the ground. The grouse was in a deer trail that led under the stairway so observers ascending the stairs had multiple views of the bird from eye level to overhead view. The grouse remained motionless until they were directly above, only 6' away. The grouse then leisurely walked up the deer trail leading away from the stairs. Description of this grouse included: red dot above eye (♂), striped tail and black terminal bar, zebra-like stripes across sides, chest and belly, long tail, confident nature.

According to Lewis and Sharpe in Birding in San Juan Islands, "no records have been brought forward in the last 50 years".

July 9, 1994

Harbor seal in area at 1:00 P.M.; 11 seal Les Reef Rock # 9, 23 seal on Les Reef Rock # 11

In the last week on three different days in A.M. a merlin, Falco columbarius arrived from SE over pond and approx 100' above water and flew or sailed over Bee House & continued NW.

Spotted sandpiper on shore below Bee House. It flew across entrance Spring Cove.

Violet-green swallows make regular trips into S nesting box.

July 13, 1994

Spotted sandpiper flew across mouth Spring Cove and continued feeding along shore.

Raccoon and mule deer fought over piece of bread. Raccoon defended by jumping forward at deer's nose, deer reacted by raising anterior part of body and coming down on two front feet, similar

fox or coyote when hunting for field mice, the pummel effect. Raccoon caught piece of bread and retreated to higher grounds,

July 14, 1994

To Chris on Lost Lake and then UWMC for last of chemotherapy

July 21, 1994

Back to Bee House on Lopez Island,
Violet-green swallow feeding young in S nesting box on Bee House. Feeding sometimes from outside entrance hole.

July 22, 1994

Rufous hummingbirds one or two at feeder.
Violet-green swallow entering S nesting box to feed young.

July 23, 1994

Rufous hummingbirds (2) at feeder but not the usual numbers.

July 24, 1994

main group rufous hummingbirds have left but 2 at feeder, sugar level and indicator of fewer hummingbirds.

Townsend chipmunk active.

One adult violet green swallow at outside entrance of hole of S nesting box left to permit second adult swallow to leave. The first swallow returned in 5 seconds.

a ♀ mule deer assumed aggression by erecting hairs on body at another ♀ mule deer 50' away.

young raccoon that had adopted us and remained in area but after our 4 days absence the raccoon did not return.

First white butterfly of season.

2 prong (R side) and single prong left side and 2 pointer with eye line on right side at feeder.

a clear area of sky followed a cloud (moving E) and caused a wind from calm to white-caps (in 5 minutes).

dead leaves disappeared on trees from 85% to 98% dead leaves with wind.

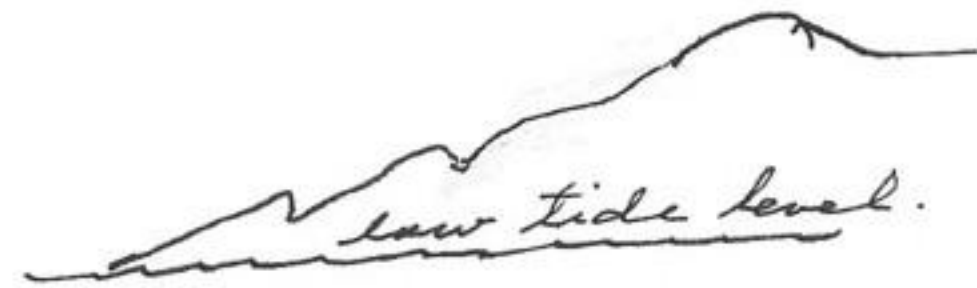
violet-green swallow entered S nesting box at 9:23 P.M. and remained for night. Dark enough to obscure features of nesting box.

July 25, 1994

First violet-green ^(ad.) swallow active 5:56 A.M. at nesting box
Rufous hummingbirds. 2 or 3 today but greatest number have
left.

At W side ^S Fisherman Bay Lagoon (W of causeway) observed:
8 great blue heron, 23 glaucous-winged gulls, 7 Herrmanns gulls
mixed with glaucous-wings. On E side causeway: 38
glaucous-winged gulls (10 with dark primaries),

at Lichen Point low tide profile thus:
Sent gray-ruffed grouse article to
Brown, editor Trumpeter newsletter.



July 26, 1994

at feeding area, Bee House at 8:00 A.M. the mule deer local herd
is as follows:

3 fawns

1 3 year old ♂ →

2 2 year old ♂

2 1 year old ♂

2 year old ♀

1 2 year old ♀

2 3 year old ♀

2 4 year old ♀

15

Violet-green swallow at entrance hole in S nesting box at
2:00 P.M.

2 rufous hummingbirds observed today, sugar level stabilized
violet green swallows in evening. Their main feeding times
are early A.M. + late P.M.

July 27, 1994

Violet-green swallows active of S nesting box. For most
of the evening the adults feed young at entrance.

House finches spend considerable time feeding in madrone tree,
1/4" sugar taken by rufous hummingbirds.

The twin fawns are approx 2/3 body mass of a single fawn.

July 28, 1994

Rufous hummingbird more active (3) today than previous week.
Violet green-swallows active today at nesting boxes

Aug 1, 1994

violet-green swallows (young), left nesting box today and site now abandoned.

Decided increase in wasps at hummingbird feeder.

Last three days groups (18, 27, 28) glaucous-winged gulls feeding in N Lopez Sound between Bee House and Leo Reef. Associated with the above groups were 4, 7, 8 rhinoceros auklets. When auklets finish at a feeding site they move on as a group, swimming but not fishing to a new area. The glaucous-winged gulls then disperse and become generally dispersed in sand until another feeding area is found by the auklets.

8:00 P.M. rufous hummingbird at feeder, sugar down $1\frac{1}{2}$ since A.M.

Aug. 2, 1994

1 pileated woodpecker from N to S thru conifers E side parking area Lopez Island ferry Terminal. Trip to Orea.
5 young glaucous-winged gulls and 3 parents on ^{top} dolphin S side ferry terminal at Shaw Island, approx size of human fist. Two others on top main frame of terminal size $\frac{3}{4}$ adults.

Aug. 4, 1994

Hummer (rufous) at feeder Bee House, ^{P.M.} sugar level not changed. Last observed this summer.

Aug. 6, 1994

Harbor seal on poutouts;

Leo Reef 26.

no other seals in area.

Leo Reef Rock no. 9 2

" " " " 11 2

♀ mule deer at Bee feeding area at 12' away, stamped front feet and gave a muffled snort each stamp. One wonders if this behaviorism is for recognition rather than for aggression.

a large ♂ mule deer displaced (off porch) 3 5gal buckets of firewood (for no good reason). Same deer tried to open metal trash cans on lower parking area.

Aug 11, 1994

84 Bonaparte gulls in sound between Bee House and Leo Reef. First Bonaparte gulls this summer. They remained in area all day.

Aug 12, 1994.

♀ mule deer 27" high at shoulders. Her fawn with her.

Two belted kingfishers (one of which pursued the other at close contact, 1-6') chased the other 1' to 2' above water and ^{continuously} circled in Lichen Point area for 4½ minutes. They ranged generally out 100' from shore but on three occasions ranged 250'.

Aug. 19, 1994

7 or 8 river otter swam n past Bee House. First since last recorded in journal. 7:05 A.M. June (Scherer) reports that otter swim past her home daily. This area is SE of Humphrey Lagoon or sound shoreline.

Aug. 21, 1994

From looking spots a narrow black band down back from neck to hump.

Palisade, Orcas, San Juan Co., Wa.

Feb. 5, 1995



(and husband Subi)
Mrs. Carmen Jackson, of Palisades, Orcas (SE of Rosario Resort (376-5150), Star Route, Box 82, Eastsound, Wa. 98245 has herd of approx. 60 mule deer (Odocoileus hemionus) at her residence. The photo above (my catalogue number 950205-1) taken by Carmen shows albinism in 2 fawns of her herd. Twin albinos were produced by one female in alternate years, all ♀♀'s. These above show generally plan of the partial albinism. Most likely a factor of inbreeding.

In one ^{young} individual the antlers were ramlike. In another individual the antler was either damaged or broken and reseals with callosities.

Deer are feed grain and apples. Occasionally the deer will move down slope to Moran State Park where the tourists feed them popcorn and chocolate.

One adult female remained under porch for 2 weeks where she gave birth to twins. After parturition she left immediately.

They enter her house when doors are left open. Smaller size is an inbred factor.

No fences in area.

Eastern gray squirrel (Sciurus carolinensis) common. E Fox squirrel (Sciurus niger), rare.