

observed one group of the following birds congregating in an area of 6' x 6' and wings and bodies touching or nearly so: as they hovered above and dove into the water:

- 13 Heermann's gulls
- 8 mew gulls
- 4 glaucous-winged gulls
- 9 double-crested cormorants
- 2 common loon
- 18 common murre.
- 1 horned grebe.

On return trip at 5:29 P.M. on same route observed:
 1 Heermann's gull, 1 mew gull, 2 glaucous-winged gulls, 1 western grebe, 4 double-crested cormorant, 1 cormorant, 1 cormorant, 1 common murre, 1 mew gull, now at green light SW of Cypress Island. (These listings throughout journal are consecutive observations along the route and are not specifically identified to exact location except as major land marks are reported). 2 double-crested cormorants now N of James Island. Bonaparte gull, 4 glaucous-winged gull. In Thatcher Pass one raft of approx. 2000 Bonaparte gulls (raft about 400' long), 5 double-crested cormorant. W. Thatcher Pass, pigeon guillemot, 3 Bonaparte gulls, 1 double-crested cormorant, 2 mew gulls, (now 10 min. before sundown), 15 double-crested cormorants ^{roosting} on wall SW Wellaw Island. 10 pelagic cormorants, glaucous-winged gulls, 1 double-crested cormorant. Bald eagle on nest N end Humphrey Head, 3 mew gulls. Arrived Lopez ferry terminal.

Oct. 22, 1988

Sun. up 8:04 A.M. top South Thatcher Peak.

8:45 5 river otter passed Bee House and moving S. Gained land at Lichen Point for 1 min. then in water to continued S around Lichen Point. Today is the first brilliant sunrise we have had this season.

Oct 23, 1988

9:35 A.M. 2 adult and 1 imm. bald eagles circled 3 times in front of Bee House at approx. 10' above water and coming to 4-5 feet of rock cliff along water. 3 Bonaparte gulls ^{and 4 glaucous-winged gulls} were feeding in a local spot. On the 3rd circle an adult eagle captured a Bonaparte gull in