

as many as four displacement occurred before barnacle was finally extracted. On only a few occasions would one turnstone challenge another and then only by open bill. There seemed to be a general respect for this behaviorism without dominance expressed.

The Douglas fir tree on Lime Tree Point is 276 1/2 inches from base of S side of trunk to erosional edge to S, will measure 10 years from now and see what the rate of erosion has been.

La Conner Preserve, Thousand Trails, Skagit Co., Washington.
Feb. 18, 1986

Snow to 1 1/2 inches last night up to 10:00 A.M. today.

at 10:30 A.M. photo 860218-1 of snow covered bushes with Glacier Rock and Glacier Bay to E.

The purple finch generally displace juncos but one had a long standoff with a dark-eyed junco.

at 1:00 P.M. 1 ♀ and 3 ♂ purple finches, 4 dark-eyed juncos, 2 rufous-sided towhees, 2 song sparrows on feeder (picnic table top) at one time.

A red-breasted merganser swam 100' in a straight line with head under wing as if sleeping.

Black oystercatchers scratch bill with hind foot placed over (top) of wing instead of under wing.

A glaucous-winged gull pirated a large fish from double-crested cormorant and carried it 400 feet to shore. Almost before the gull could readjust the fish a great blue heron, which anticipated its arrival, flew 100' to the gull and immediately took the fish without little protest from the surprised gull. The heron spread its wing close to body and arched head and neck and carried the fish to water some 50' away where it continued to assume its protective stance for at least 3 minutes. It then placed the fish in the water and immediately speared the top of the head of the fish with a forceful thrust of the bill. The penetration was at times almost thru the head as sometimes it had to shake its head to retract the bill. This continued for at least 6 minutes, always the top of the fishes head as the target. Finally it tried to swallow the fish. It would hold the front end of fish in its mouth for up to 60 seconds without movement as if the heron was relaxing its muscles.