

Arctic Research Laboratory at 8:00 P.M. *Plectophenax nivalis*, 35; *Calcarius lapponicus alascensis*, 50; *Arenaria interpres morinella*, 1; *Erolia melanotos*, 2; *Peledna alpina sakhalina*, 1; *Clangula hyemalis*, 42; *Kongeeder*, 1; *Phalaropus fulicarius*, 13; *Erolia bairdii*, 14. Sun at midnight approx. 30 minutes from setting position.

Arctic Research Laboratory, Point Barrow, Alaska

July 4, 1951

Investigated SE of ARL 9:30 A.M to 11:30 A.M and made the following observations.

Erolia bairdii nest of 4 eggs. Female leaves nest at 20 feet to 50 feet and generally fly toward intruder and then feign crippled act on ground for 50 feet if followed. Male generally in immediate vicinity and follows ♀. ♀ respects ♂ by chasing but ♂ follows close. If 2 ♂♂ approach ♀ the mate of the female will fly at the second male or newcomer. In 3 minutes, 4 other pairs of sandpipers of the same species arrived and remained in vicinity. ♀ returns to nest in about 4 minutes and goes directly to it. At another approach to this nest after a half an hour later, the male was standing beside the ♀ (1 foot away) with lead on wing in feathers. When approached it, the ♂, was first to leave, then the ♀ followed and feigned in typical form. The ♂ fly around rather fast while the ♀ flies more slowly.

Plectophenax n. nivalis. Nest of 5 young placed on barren soil mound made by tractor wheel; under overhanging ledge of old Lemmus diggings. Another placed in 500 gal. oil or gas drum, making entrance in hole at side. Noted other buntings carry insects to nest and carry fecal droppings away from nest.

Gavia adamsi or Gavia arctica pacifica. One bird flew NW calling.

Acanthis sp. Pair on tundra.

The birds observed yesterday were also present. At 8:45 A.M watched all birds passing by Point Barrow as they flew over the lead of ice from 8:45 to 9:45 as follows: (sky overcast, heat waves off ice). From the gravel shoreline, the water was 100 feet open, thence brown dirty rough ice to 3 blocks, thence white ice for 3 blocks to pressure ridge, thence to open Arctic Ocean. The movement of the gulls is not at all natural movement but influenced by Barrow Village + Camp refuge.