

3 *Erolia pusillus* which nodault had a nest or young. 3
Xema sabini flew over lake to west. They seem to remain in
 area. 18 *Larus hyperboreus* fed at garbage dump just ^{South} north
 of camp. This morning collected one *Pelidna alpina sakhalina*,
 1 *Erolia bairdii*, 1 *Limnodromus griseus*, 2 *Erolia pusillus*
 and 1 *Plectophenax nivalis*. This evening shot 1 *Xema sabini*,
 2 *Erolia semipalmatus* and one *Arenaria interpres mormonella*.
 The large fresh water lake just north of camp is now about
 free of ice. There has been considerable depreciation of ice in
 this lake since 3 days ago from about $\frac{4}{5}$ open to $\frac{1}{10}$ open or
 less. Some of the men reported drifts of snow some 5 feet
 during winter. This present time is just between winter and
 summer. Wolves, foxes, ptarmigan have left and the summer
 kinds have not started to arrive or become active. Bird life
 is not considered as abundant as last year. The men are
 beginning to wonder if geese and ducks will arrive. Eskimo
 helpers say there are no rabbits or weasels near Topagaruk. One
 Eskimo has jacket of *Citellus* skins. Mosquitoes last 2 days
 not objectionable because of cold weather, can see breath,
 and winds. Today with sun and moderate they become un-
 bearable if not deterred with head net. These nets are not
 too satisfactory and must be designed
 with wide rim support to keep mosquito
 from biting ears and face. Also brim
 of hat should keep sun from skimming
 of net because if the sun does strike the
 front, it is difficult to see. The following birds are listed in
 degree of abundance from greater to lesser degree on Tundra
 proper.



<i>Calcarus lapponicus alascensis</i> (around Camp only)	50%
<i>Plectophenax n. nivalis</i> *	25%
<i>Ereunetes pusillus</i>	15%
<i>Erolia bairdii</i> or (western?)	4%
<i>Pelidna alpina sakhalina</i>	3%
<i>Phalaropus fulicarius</i>	2%
<i>Squatarola squatarola</i> , gulls & jaegers	less than 1%
<i>Arenaria interpres mormonella</i> , <i>Erolia melanotos</i> ,	"
<i>Sterna paradisaea</i> , <i>Xema sabini</i> , <i>Clangula hyemalis</i> ,	"
<i>Mergus stellata</i> , <i>Gavia arctica pacificus</i> , <i>Lagopus</i>	"

Rained very hard between 9:00 P.M. & 10:00 P.M.