

Progress Report for June 1952
(June 30, 1952)

Arrived at Arctic Research Laboratory June 14, 1952. For 6 days investigated the lemming populations in the immediate vicinity of the Point Barrow area. In comparing quadrat studies of 1951 with those of 1952 found approximately a 70% increase. Two hundred and fifty specimens of *Lemmus trimucronatus alascensis* were prepared as specimens showing a graded series from embryos measuring 26 mm in length to adults, indicating a continuous breeding period for at least 2 months preceding our arrival. No other kinds of mammals were collected at this station.

Between June 20 and July 3 collected at Ulmiat with headquarters at ARL Branch Division where all associations were sampled and compared with data of the previous year. Sorex appeared to be outstanding in population decrease for this area. In addition to collecting *Microtus murus*, *Microtus oeconomus*, *Sorex tundrensis*, *Sorex emereus*, *Citellus parryi*, *Clethrionomys rutilus* and *Lemmus trimucronatus* added several skeletal bird specimens which were not taken during 1951. A barren ground grizzly skull, collected by Dr. Ira L. Wiggins, was presented to us from this station.