

Photo 510825-46 of Caribou which wolf had supplemented its meal. Note condition of ribs. Head still retaining original fur. Returned to base camp and photographed 510825-47 nest of small bird taken in willow at trap 97 on linear line up mountain slope of several days trapping. Jones and Anderson left with first complement of equipment. I will break camp and prepare for second trip this afternoon. In preparing marmot 510825-57 the stomach weighed 270 gms and the intestines 580 gms. This animal measured 553-150-88-25-7 lbs, ♀, uterus normal. While awaiting return of Anderson recorded some comments and suggestions.

For future trapping in this area, concentrate in same area but extend investigation up one of the lateral canyons (E-W trending canyons) so a comparison can be made between the main N-S glaciated canyons and lateral canyon as to composition of bird and mammal populations and the effect of sunshine, exposure and woods on these two types of canyons.

Trap in higher country (altitudinally) to see if the community has as distinct a fauna and flora as between timbered area to south and tundra to north.

Investigate area to south at contact with timber  
Determine southern limit of *Microtus murus*.

Work out life history of *Microtus murus* and determine what influence it might have upon interpretation of Pleistocene history. Tie in the microtine - plant association with invasion of grasses from the south or as a remnant of a warmer climate during Pleistocene in this region.

Test polygons south of Chandler Lake for *Securastomys* colony, particularly cottongrass community.

Have knee boots during wet weather and especially in early morning when dew is on the vegetation.

Give special emphasis on possible occurrence of *Ochotona* and why it does not occur here.

Approach Chandler Lake from Umiat instead of from Bettles which is a more hazardous route.

Have emergency contact by radio with Umiat or Bettles. Anderson arrived this afternoon and after loading 350 lbs of equipment in the Cesna 170, departed.

Instead of returning via canyon to east through east range (route followed originally) flew south up Chandler Lake Valley to divide, thence east down Hunt Canyon to John River.