

above camp (steep slope of mt), no 510821-2 from steep slope among protection of boulders of rock slides and no. 510821-3 the dominant moss-lichen complex on the exposed slopes of the mountain where the surface is exposed to direct influence of wind, ^{sun} shine and carbou (these consist of 510821-3 *Cladonia gracilis* v. *chordalis* (Felt.) Schaer; 510821-3B *Cladonia sylvatica* (L.) Hoffm; 510821-3a *Cetraria islandica* (L.) Ach). no. 510821-4 among rocks on n exposure where it seals in almost all rocks and ground. (use nos 510821-5 to 510821-6 - 24 specimens)

Have noticed that when *Microtus murus* is actively building its food pile, the willow leaves remain green throughout pile and the uppermost additions are never allowed to deteriorate to the extent that the chlorophyll is lost, when a mouse is caught at the nest pile (forage pile) in a trap, the green leaves on top gradually change to dead brown. This would indicate that the accumulation must be regulated according to the drying capacity of the sun and wind and that periods during rain the storage process must be checked to permit proper drying before additional material is placed on top, otherwise the leaves might mold because of lack of proper dryness. It would also indicate that when a *Microtus murus* is taken from its territory, there is no immediate attempt by other mice to take over and continue building the forage pile. I have noticed one mouse having two or three forage piles in close proximity. This condition, however, is exceptional, also there is no assurance that these piles that appear to be owned by one mouse are not mutually shared by other mice. A pigeon hawk was observed today in same area and activity as of yesterday. This hawk (I presume is the same bird) has been flying or feeding both from south to north and from north to south in the Chandler Lake Valley and does not indicate a southern migration. Have pulled all traps ^(museum specials) in anticipation of Anderson's arrival. As he has not arrived will reset some near camp so they can be readily collected when he does show up. Anderson was scheduled to pick ~~it~~ ^{us} up on either the 19th or 20th. Staples gone and gas for stove down to about 1 1/2 quarts. No fear of starving with lake trout at our front door and mountain sheep on the hillside.

Chandler Lake, 68°12', 152°45', 2900ft., Brooks Range, Alaska.

Aug. 22, 1951

min temp last night 38°F. Temp at 8.00 A.M. 47°F. There was less