

Bald mt., Summit Co., Utah

Aug. 15, 1969

At camp 54°F at 7:00 A.M. Left 7:06 A.M. for trap line on glacial platform on S shoulder Bald mt. Fallowed established trail. At base of trail at base of slope temp dropped to 48°F as result of down slope wind. At last switchback (11970 ft) temp 56°F. At top of sidehill trail onto platform temp 53°F (7:38 A.M.). At trap no 1 temp 51°F. These difference of temperature are result of exposure and change of wind channels. It would be interesting to check the effect of wind on animal populations on such a varied exposure situation as on Bald mountain. Collected the following mammals from trap line:

Trap 2 *Eutamias* no 2

Trap 137 *Peromyscus* no 6

Trap 85 *Peromyscus* no 9

Trap 138 *Ochotona* no 1

Trap 98 " no 8

Trap 140 *Peromyscus* no. 7

Trap 130 " no 3

3 other traps were sprung, all other with bait uneffected. One held the tail of a *Peromyscus* (no 187)

Trap 131 " no 4

Trap 136 " no 5

All traps (except those among rocks between krumholz) under krumholz on bare soils. These areas of protected ground surfaces are generally very dry and soils barren of any kind of vegetation. In most situations the base of krumholz is open with intricate interlacing of limbs above. It is my estimation that there should be many *Clethrionomys* because of the overhead protection, but there were none. In the arctic, *Clethrionomys* uses rock slide and rock accumulation as equivalent overhead protection. In temperate regions overhead protection is supplied by spruce tree and low conifer growth. This area on platform may be too high for *Phenacomys* but I doubt it. Shrews should follow microtines but because of low population of microtines the shrew were apparently absent or rare.

From trap no 138 photographed Mirror Lake and area to east in photo 690815-10. From middle of glacial platform made 2 photographs (panoramic) of area to W and krumholz near upper limit of massive growth. These are nos. 690815-11 and 690815-12. Returned to camp. at lower level made 2 photos of snow tracks from off S exposure of Bald mt. This spring slides extended beyond usual limits and erupted old stabilized trees, indicating heavy snow last winter. Arrived at camp at 10:00 A.M. and prepared the following mammals: