

390922-263
Mammals from research area C-X9-19-39.

(22-9-22-39) *Peromyscus* 175-81-20-♀ 22grs. uterus ok. Pelage very light towngy.

This afternoon at 5:20 P.M. culminated research area trap line no. A-9-20-39. The route revealed a *Eut. umbrinus* in trap 13B and given no. (99). Also a *Peromyscus* taken in trap no 16B. and given no. (100). A W. Cr. Sparrow (101) from 1 B. while on this route a dark and heavy thundercloud obscured the granite range. Affected here with a little shower. Eagle flying on ridge to east as this storm suddenly appeared. Established research area A-9-22-39 at the base of cliffs in center of cirque Traps 57 in number. They were not arranged consecutively but placed exactly 30' apart at the base of the cliffs. The route was very accessible and continuous. Route had been used by larger forms of mammals with several marmot and winter porcupine holes. While the traps were placed in a good animal runway at base of the cliffs the weather and time traps were set was such that they would not have time to effect route. The porcupines favor dens on this level as well as the more unaccessible level above where one finds abnormal amount of porcupine droppings under protected ledges. The sheep had sadly run this area as many *Mertensia* offered them choice food. This area was intended to be used for tonight only.

Also established this evening research area B-9-22-39. This line constituted 150 traps placed on an average of every 12' apart. The area was in more direct association with the main terrace of the cirque. The area is dominated by conifers and cliffs. Willows next in dominance. Many places offered excellent placements for *Clethrionomys* & *Peromyscus*. In fact it appeared to be the most likely spot yet trapped. The area was accessible to sheep which made the area easy to penetrate. While not quite as extensive as the main terrace line, was more likely a trapping spot with adjacent south terraces. Reference to picture will indicate position in cirque and relative relationship with other trapping areas. On return from this area examined three pika nests on slide at south end of cirque. The first nest consisted of about 2 bushels of mixed vegetation. Green on top and dry beneath. The second one on outwash plain of rocks not a talus with spruce growing in center. It is 12' from this tree. nest under old log, mainly under protection. 300 feet from