

On return from research area ³⁹⁰⁸⁰⁶⁻¹¹⁶ another set of trap in pasture near research area ^{A-8-6-39 set} A-8-4-39 about 12 feet to the south. Set five traps along the side of the log that can be seen in picture. 80-8-8-39. This log is prone in meadow and is lined with microtus runways on each side. Others appear to be leading out from this series of runways along side. The purpose of establishing this area was to see how many microtus utilized one specific spot along the trail at edge of log. So set five traps in one spot as close together as possible. Set these traps at 5:45 P.M. today and called this meadow log set research area no B-8-6-39. I had observed microtus running back into runways along log on practically every trap made pass the area and so suspected to find a great many microtus here. The results will indicate specifically whether these forms have territorial rights or whether they have a free range and will be found to visit many areas of the pasture. Rather peculiar but checked on this area at 6:45 P.M. and failed to see any microtus in traps but observed them on one end of the log running back from their feeding ground 2 feet from log, back into protection of log! Log about 15' long. At 6:40 P.M. felt a few drops of rain. Up canyon clouded with the mist clouds creeping down mountain side. Temperature 66° F. It is very evident that the microtus are not active during clouded or rainy weather. They enjoy a hot warm day with plenty of sunshine for maximum activity. Before supper measured the Thomomys no. 33-8-6-39 taken from side hill 20 feet from floor of valley near the other gopher 29-8-6-39. It measured 185. length, 60 tall and 29 feet. 74 grs. ♂ testis 3.5 m.m. after supper made inspection of the research areas starting at 9:00 P.M. to determine the degree of activity of the evening up to this hour. The ^{evening} day has remained clear after threats of this afternoon. Temperature at 9:00 P.M. = 64° F.

Inspection of research area. A-8-4-39 starting at 9:00 P.M. this evening is as follows.

1. uneffected
2. microtis
3. uneffected
4. uneffected
5. uneffected
6. microtis
7. uneffected
8. uneffected
9. uneffected
10. microtis (long tailed)