

49-75

Started line at 11:30^{A.M.} and completed 12:30. at 1:00 P.M. check line and no mammals in traps. The traps were all set in runways. It was very easy to set these lines as runways were conspicuous and nearly everywhere along route. at 20' there was always a runway except in about 3 cases. There has been an extremely high population in the most favorable area (contours, fence line, swales adjacent contours, higher grasses). This area is in contrast to Paradise Point on the Perry Reservoir where each trap set was made with considerable effort in which 2 to 10 feet of mat grass had to be separated to find a runway. There apparently has been a high populations of microtines this winter but trails appear not as well used as they should for current habitation. I would estimate that along this route there was 30 excavations by predators (skunks most likely although perhaps some coyote). Will check at about 6:00 P.M. before diurnal condition change to evening and nocturnal period to determine amount of activity. Tomorrow morning will check before sunrise and again at noon. Temp this afternoon about 33° F

mammals from trap lines inspected at 6:00 P.M.

Trops 1-50:

m.on	750308-1	micratus ochrogaster	140-33-19-9-33gms ♀	ut. normal.
m.on	750308-2	" "	146-33-18-10-39gms ♀	ut. normal
Sk. only.	750308-3	" "	152-35-19.5-11-50gms ♂	testis 12mm

Trops 51-100:

SK.ON	750308-4	micratus ochrogaster	145-30-18-11-43gms ♂	testis 13mm
m.on.	750308-5	" "	138-33-20-11-37gms ♂	testis 12mm
m.on.	750308-6	" "	142-35-20-11-35gms ♂	testis 12mm
m.on.	750308-7	" "	142-35-19-11-42gms ♂	testis 13mm
m.on.	750308-8	Reithrodontomys megalotis	126-56-17-11-9gms ♂	testis 6mm

Two of the above animals were warm, the rest cold indicating that the mammals were active during the day.

March 9, 1975

Checked traps at 8:00 A.M. this morning. Started to snow lightly at this time and by 10 there is approx an inch of snow on the ground. Temp this morning 29° F. Last night the sky gradually clouded over and early this morning the only clear sky was a thin strip to the N + E in the distance which gradually disappeared by precipitation in the air. Wind from the S.E. On both traplines there was about a 2% warm animals indicating a late catch perhaps at daybreak or shortly after. Other than these, the mammals were cold and firm indicating most of the activity was during the night. I would also estimate that approx. 8% of the traps were sprung and without mammals. Many mites and ticks on these mammals.