

until 7:30 and then revisited the ten traps. The circulating snow and sands had interfered with traps but had also shown that the rats had probably never left their burrows. Weeks or so previous we had a very similar situation in that the temperature was low and winds sufficiently strong enough to move the sands. However the conditions then lacked the accompanying snow. The rats were active then at late twilight without the moisture while no life occurred to night with duplicate conditions except the moisture from the snow. Next morning I revisited the dunes to find that not one trap had been effected or burrows disturbed however at three places I run across the tracks of the rat in the snow. They had then come out sometime during the early morning for the track were not obliterated by the wind. These tracks were traced to clumps of sage-bush or protected tumbleweeds so it may be that their burrows were had not been interfered with by the shifting sands ^{snow} and wind.

1/28/38. Sand Dunes 1.7 mi west of Curtis Sta. Utah Co., Utah. Set 15 traps tonight. The winds of the dunes previous blizzard had filled up all irregularities and holes of the abandoned *Dipodomys*, those *Dipodomys* captured during recent trapping. So now I had a good picture of the actual numbers of *Dipodomys* as evidence by the new holes. Old holes had not been used again, holes where *Dipodomys* had been taken on previous visits. Did not appreciate the drain I had taken of the rats for now I could see that there were only a limited number, a conservative guess would be about 15 for the area covered by map. The rats are still inhabiting the more & less driftless areas to the north and south of area trapped and ^{may} may. reinhabit the area. However at present the owners of dune section No 2 are tearing down the west side of dune and removing sands into slough by means of water erosion. The rats that are now inhabiting this area may move to the east across the fence. No burrows have been found on this side of fence so can readily tell of any