

south ridge of Rock Canyon, five deer started up from their bedding grounds among a thick cover of mohogany trees. This is rather peculiar because I passed within 40' of the grove but 20 minutes before. These deer evidently winter in these gullies during the winter months. Heard the Clark Crows from this point calling from above. The structural set-up as viewed from here at this vantage point help only to substantiate the overturned nature of the range without necessarily assuming that a sheer fault is responsible for the abrupt valley exposures. Becoming chilled I descended to mouth of Rock Canyon. On south side found a rock specimen which showed the exact contact between the glacial tillite and the tuffite quartzite. Frightened 2 more Autospermophilus in limestone displaced blocks at mouth of canyon. Observed 15 different species of birds including the bluebird.

3-22-37

Clear today with a high south wind. Western sky dark and stormy looking at noon. When I found that the Blattidae were not very well represented I decided to go directly to their habitat so headed toward the city garbage pile. It seems that wherever one finds the signs of human habitation or environment, one also finds that the Roaches are with them in heart & soul. One Blatta (3m) was taken under a board near pile of trash. Several beetles were also taken in same vicinity. It was interesting to note that the spiders, sow bug (Porcellio) centipeds and many others lived in mutual agreement. The Porcellio were especially numerous. The smaller beetles were observed to nearly always move toward the pivoted end or side of a board or log being lifted. The Scarabidae were inactive and covered with mud and dirt while the Carabidae were shiny & active. This area is located on 4th east & 2nd So in Provo.

3-23-37

Started to rain last night about 10 oclock. This morning found the ground covered with snow but did not last long. Practically all gone by evening except north exposures. Also started to snow about 3 oclock for just a minute or so. This afternoon walked out to the edge of town to collect a few bugs. Mr. Strong owns a field adjacent to the old city junk pile and he has been rather neglect in its upkeep. The neglect is in favor for the bug collector for the many piles of wood and logs strewn around make for ideal habitats for many of the ground insects. Practically every board that was turned over harbored the omnipresent Porcellio. Under one board a square foot harbored over 1,000 of these bugs including small ones of this size to larger ones of this size. They ranged in color from cream through red to shiny black. A weevil was imbedded in the damp dirt and was very inactive. The jumping beetle was taken under a board in a rather damp habitat. It was very active. Associated with him was the sow bug, spiders, crickets and ants. A green beetle (7) appeared to be the most active of the beetles collected, taken from under log in a very damp situation. The carabids were more or less active while the scarabids were extremely inactive. The click beetles (8) were found under a board lying upon a mat of grass; a much drier situation. The remaining beetles (9) and insects were all taken under cover of boards and logs