

380906-277  
since the sheep have been removed from the mountain. Instead of the plant stems standing out as skeletons, they now remained with natural foliage. Certain areas where the open fields are flat the Thomomys have completely turned the soil over in their digging operations. The new road at present is about 1/2 way to divide.

9/9/38

Dr. Vasco Tanner, Beck, Chandler & I were moving out a cabinet from lower B.Y.U. campus when Dr. Tanner discovered a 873 J.B. *Tadarida mexicana* in a waste paper basket. It was among the oil soaked sawdust in bottom, sawdust that had been used for cleaning floors. The bat was unable to fly and completely saturated with oil. Could walk and call but unable to fly.

9/9/38

Harry Chandler and myself spent the late afternoon of the 9th and all day of the 10th on mountains east of Provo. Our objective was to collect data on the migrating woodpeckers and to check on mammals and birds in general. Harry was well equipped for insect collecting and planned on sampling areas on way. The itinerary was to include trip up slide canyon to spring at head where we were to camp, inspect that area, then gain Eagle cliffs on top of "Y" mt. and return to camp. On way back to Provo were planning on visiting or locating the alleged cave in lower slide canyon for bats. Edith Stimpson took us to "Y" trail and by 4:55 P.M. were at the base of mountain on trail at the highest level of Lake Bonneville. Checked on grasshoppers on first part of trail bordering the Bonneville level. Here the cheat grass covers the hot hillside with very little other associated vegetation. Adjacent to this stretch, on the Bonneville level below is the new burnt area. Was interested to determine the extent of migration of these hoppers, if there be any, from the burnt area to the untouched hillside. While walking along trail at slow gait for one minute counted 18 grasshoppers in trail. The count included only those hoppers in trail proper and not on sides in weeds. The 18 in number does not include number of insects per certain area but by counting from trail only, can get a comparative figure from counts further on along in higher elevations.

- 5:06 P.M. Grasshopper count in trail at normal gait = 10 hopper per minute. This stretch was through scrub oak patch.
- 5:12 Three small Sceloporus recorded so far.
- 5:13 Woodhouse flew by and lit in our trail ahead near some oak.
- 5:14 Grasshopper count. open situation like first count. 21 in 1 minute.