

6/22/41
[Entered June 25, 1941]

Ascent of mt Timpanogas involving full day observations in the field. Day clear and warm, particularly at lower levels. Observations and casual notes as follows. Left the Deer Creek aqueduct ^{at 3:00 A.M.} which is a short distance from the base of the mountain and trended toward the mouth of Dry Canyon, arriving at ^(mouth Dry Canyon) 3:50 A.M. The mouth of this canyon is characterized by high cliff bordering the sides of the canyon. Day break at about 3:00 A.M. with skyline distinct shortly after. At mouth of canyon heard a *Phalaenoptilus nuttalli nuttalli* calling in characteristic tone to the right, also a *Chordeiles minor* heard as it called and presented its vibrating wing sounds. Swallows heard continually in air from mouth to first set of con-
fracting cliffs. Could hear but too dark to see. Wind down canyon. 200' up canyon found 2 porphy pines, they being only 10' apart. Elderberries in beautiful blossom. At mouth of canyon found the grasshoppers so numerous that they represented a continual flow preceding my measurements. Reminded me of a rain shower. Lizard active at 3:58 A.M. Only one *Pipilo maculatus montanus* in canyon at Gate (confining cliffs) area. From the first flat beyond the last set of cliffs could hear 15 *Pipilo maculatus montanus* calling. The area included extensive hillside exposure toward Big Baldy and to the east across Dry Canyon as well as to the south. This oak-mopple slopes make ideal country for the Towhee. One *Phalaenoptilus nuttalli nuttalli* calling to the right. One *Phasianus colchicus torquatus* called. Noticed one contrast in Towhee numbers. The scarcity of numbers in confining canyon below as compared to the numbers found on more open hillside exposure beyond cliff area. Two factors involved; one being time of day at which time the two areas were visited and type of habitat involved. Another *Phalaenoptilus nuttalli nuttalli* calling to the left. An unidentified warbler (?) calling on several sides. Am impressed with the adaptability of this country for the Spurred Towhee. 4:15 A.M. Bees active in oaks 4:20 A.M. Last small flat before spur of Big