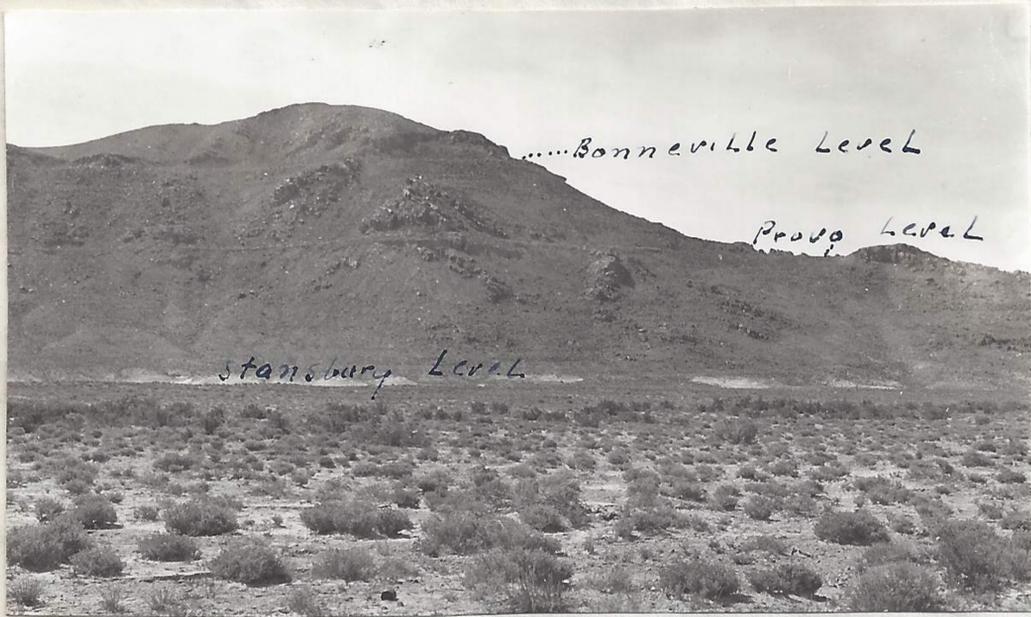


9:25 Horned <sup>400505-74</sup> <sup>lark.</sup> <sup>9:27</sup> East side of valley at edge of mts. 9:40 one of the n.w points. 10:02 next to the last n.w point before divide through the dugway range. Stopped here one hour and dad took



2-5-5-40

a picture, of the very well exposed shore lines on this point. The Bonneville level, and Provo level are prominent while the Stansbury level is indicate at the base of the mountain as a white zone. The calcium carbonate line is found accompanying both the Bonneville and the Provo level. This has been formed during the period the lake remained at these levels for extended periods of time. when the waters splashed against the rock and allowed carbon dioxide to become thoroughly mixed in with the waters thus precipitating the calcium bicarbonate which is soluble in the water, to calcium carbonate which now remains as a zone at these levels. This calcium carbonate dips abruptly toward the water in all cases. One of the pieces of this calcium carbonate found in valley below showed numerous signs of mollusca life. If one were to examine this calcium carbonate of the Bonneville level he could get a true picture of the life during this period. Anything found below this level could be of any age above the level so would not represent the life of the particular level, for example the mollusca shells in fish springs are probably of all ages. While at this point walk up a <sup>small</sup> gully on the talus flats among atriplex and in 600 feet found 2 *Phrynosoma*, 14 *Cnemidophorus*, 7 *Crotaphytus wislizeni*, 16 *Uta stansburiana*. The *Cnemidophorus* were generally found in near proximity to *Dipodomys* mounds. Can run as fast as man. Milk onion, asters(?), and other interesting flowers out. As one left the gently sloping talus to join the broad flat valley expanses he passed from atriplex to *Sarcobatus*. Wherever winds blew onto the atriplex slopes the *Sarcobatus* was sure to follow. Left here and arrived at low divide across Dugway mountain at 11:15. at 11:30. in about center of flat valley east of Granite mountain a Cowbird(?) or a ♀ brewer was observed to be following directly back of car. It followed for 4 1/2 minutes in close pursuit, sometimes directly over car. Finally it left and swerved to the south.