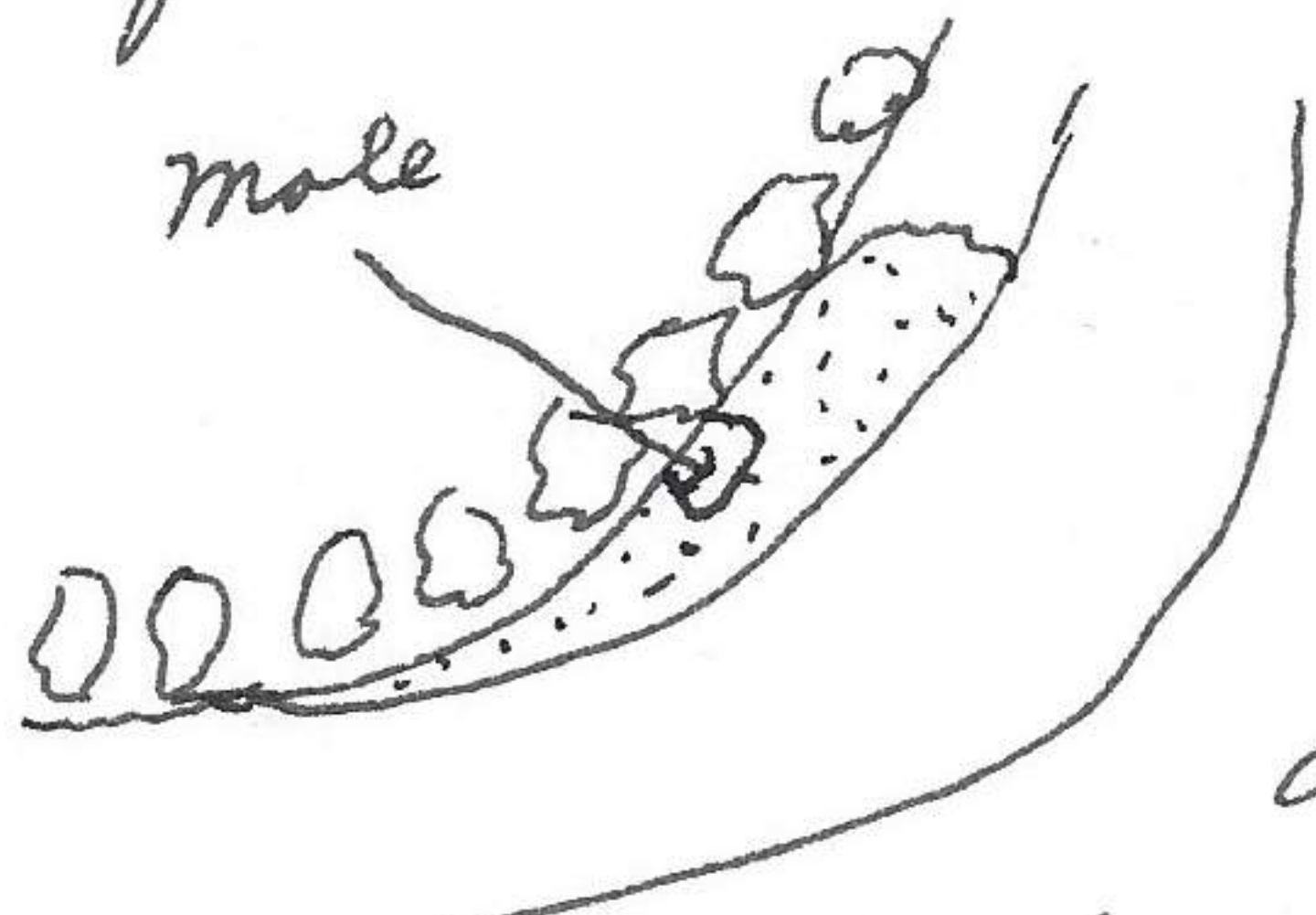


These toads and their young $1\frac{1}{4}$ to $\frac{1}{2}$ " in length were among sands of the talus and were covered with sands as if they had been digging there. Several cicadeleds were collected at base of cliffs and were most common where sands were dry at and directly below the nests of the colony. These beetles nos 680623-10 to 680623-24 had conditioned themselves to escape in a different pattern than those on open exposed situations in other localities. These beetles had to contend with water on one side & cliffs on the other side.

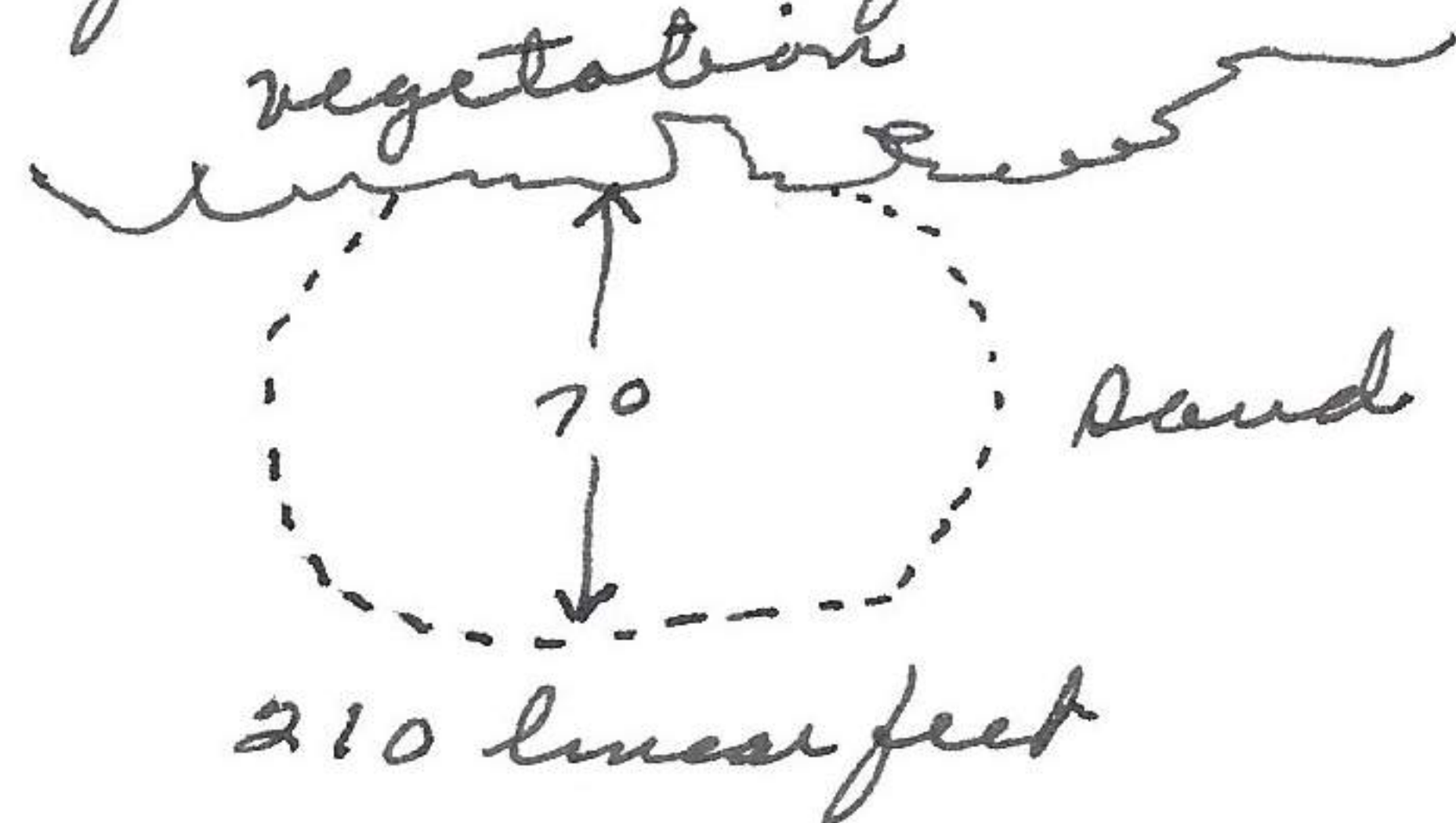
Left 5:12

5:20

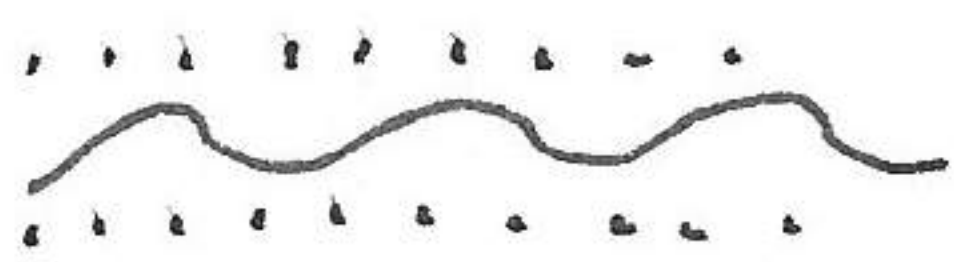
on left side of river on sand bar. This is the most beautiful of sand exposures on the Kaw. It is as smooth as a flat field and all the sand particles are small and of a uniform size. Some of the animals associated with this sand exposure are:



a mole. had extended its tunnel as far as 70' from vegetation bordering the sand and a total of 210' linear feet. Several turtles (soft shelled?) left their tracks on the sand, one set measured 8 inches wide, another 6" wide with tail mark



which undulated



between the set of tracks. These turtles moved directly landward from the edge of the water and at their more distant point from the water (average 40'), excavated depressions. A white-tailed deer left the vegetation at edge and moved 140' toward water before turning around and returning to the riparian vegetation. It did not run in either direction.

Arrived mouth Stranger Creek 5:56, bridge 6:05. (Trip 10 hrs. 10 min.) Both insects and butterflies uncommon along river, as well as bird life.

WSW Linwood, $\frac{3}{20}$ mi. n of SW corner sec 22, T12S, R21E, Leavenworth Co., Kansas.

July 1, 1968

Check a rock quarry for herps. Ideal area but saw only 6 lizards. This quarry would make an excellent setting for a home with the several alcoves of excavated cliffs. One position has a commanding view of the creek to the W. Observed a land (box turtle) in center of a fresh dropping of raw feces. It was eating the material and searching for insects. Two other such piles of feces had been thoroughly worked by this or other box turtles.