

curled position, 3 reflexes were observed again in the body. She reacted by standing upright with eyes closed. In eight seconds the foetus appeared during a moment of body push and thrust. The head remained protruding for 10 seconds and was then completely expelled in 6 more seconds. At the final act of expulsion the female used her front feet in forcefully handling and pushing the foetus from the vagina. As the young dropped to the nest the ♀ immediately directed her attention to the cleaning of the vagina and tail region. The initial act of the female was one in which the lower jaw was thrust into the vagina and the secretions were sucked out. After 12 seconds of this action, she returned to the young and first started on the placenta and umbilical cord. In this case the foetus was handled and slightly rotated by the female's hands at the time the foetus was partially discharged. The seventh young followed closely and at 4:05 the female remained in a curled position in the nest. After 2 minutes of rest she left the nest and went over to the oatmeal box where she ate three flakes of cereal in 15 seconds, after which she returned to nest and settled down. The young gave audible squeaks at nest. The following weights of the young are (not actually according to sequence of birth): no. 1 .8 gms; 2 .80 gms; 3 .80 gms; 4 .70 gms; 5 .85 gms; 6 .70 gms; 7 .90 gms. Weight of female after delivery of young = 9.85 gms. Original weight of female before parturition 15.30 gms. Percentage of ♀ body weight to young 55%

Lawrence, Douglas Co., Kansas

Oct. 8, 1948

Large flocks of *Quiscalus quiscula* forming lines 400 feet long and 30 feet wide in vicinity of the University of Kansas. Love noticed these flocks for last 5 days but increasing in last 2 days.

Lawrence, Douglas Co., Kansas

Oct 8, 1948

The young born yesterday (*Reithrodontomys*) were all eaten except bones and head of one young. Weight of ♀ at 3:00 P.M. = 16.00 gms.

3 mi S and 1 1/2 mi W Pleasant Grove, Douglas Co., Kansas

Oct 9, 1948

Today took Phil Krulzsch and Rowland Baker to area I had been investigating for tularemia project. Checked a field used