

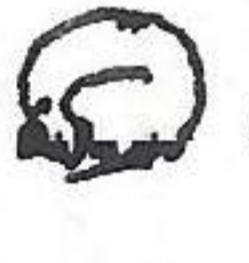
Lawrence, Douglas Co., Kansas
Oct. 6, 1948

First rain since warm summer. Last week signs of color in leaves. A few maples turning brilliant red, otherwise deciduous trees only yellow change from the normal green of summer.

Oct. 7, 1948

Cold last night and windy today. Noticeable ^{is} yellow in leaves of deciduous trees, especially on campus (K.U.). *Chaetura pelagica* present but in greatly depreciated numbers since 3 days ago before inclement weather set in.

Lawrence, Douglas Co., Kansas
Oct 7, 1948

On Oct. 2 (see notes of that date) a ♀ *Reithrodontomys megalotis dychei* was captured and reared at the museum of Natural History at K.U. She was kept in a wire cage for further observation and study. Food was dry oats and grapes and only source of subsistence. On this date (Oct 7) at 2:00 P.M. two young were born. The time of birth was between 12:00 A.M. and 2:00 P.M. (probably about 1:40 P.M.). At 2:00 P.M. the ♀ neglected the young, being left upon the bare floor of the cage. A small box with excelsior was provided which she immediately accepted and made a nest where she placed the young. Between 2:00 P.M. and 3:08 P.M. she spent either in the nest or walking about the cage. The young in her body were vigorously kicking at her sides. At 3:09 she was resting in nest with head thrust down under her body.  Respiration 170 per minute. In this position she had 4 instantaneous and involuntary reflexes of the back, lasting for 1 second each and outside of a sharply curved and angled back, still maintained her curled position. At 3:09 for 18 seconds she raised her head and shoulders and stood upright with hind legs straight and tense.

Shoulders and head lowered.

Her eyes were closed. At 3:09 and 25 seconds her entire body reacted voluntarily to the external emergence of the foetus. This movement forced her up 2 inches on the side of the cup of the nest. Her position was

