

Lawrence, Douglas Co., Kansas

Nov. 12, 1964

Noted monarch butterflies on Campus at K.U.

Nov. 13, 1964

Few monarch butterflies in area

Nov 15-16, 1964

Rain most of time, the first substantial rain of autumn, following drought period.

Nov 19, 1964

Snow last night and first deep cold. Rain preceded.

Nov 20, 1964

Randall Enrol Brown presented me with 5 *Synaptomys cooperi*. Four of the mice were born March 23, 1964 when a female was caught in a live trap (see notes of March 24, 1964). One of the young died in the afternoon of Nov 20. When mice were placed in cage the entrance hole into the nesting box was discovered in about 1 1/2 minutes. After that the mice entered at will as if immediately conditioned to new orientation of hole. The dead one measured 641120-1 ♀ 121-19-19-10-34 gms

Nov 24, 1964

Listed in refug as 641129-1

First night of extreme activity of mice since mice were placed in cage. Ordinarily the mice would leave nesting cage at about sundown and enter main runway area for food and water. This evening the mice raced around as if mad. This activity was correlated with warming weather.

Nov 30, 1964

Temp 5° above this evening. *Synaptomys* doing fine.Nov. Kansas, Lawrence, Kansas

Dec. 1, 1964

Patterson Lake completely frozen. Ice clear with few white spots

Dec 2, 1964

Snow this A.M., covering ice on Patterson Lake as a white sheet of snow. By afternoon the snow disappeared in local areas as slush, finally disappearing as slush

Dec 4, 1964

Patterson Lake now barely covered with snow + refrozen saturated snow

