

740302-20

*microtus ochrogaster*740302-6
144-32-19-11-44 gms. ♂ testes 13 mm

740302-21

"

153-31-19-11-48 gms ♀

← all mammals were taken from runways completely covered overhead with matlike grasses. Sunning holes frequently observed. This area is gradually being taken over by deciduous shrubs and small trees. In the interest of the area I would suggest two things; one, if open areas are desired, cut grass down to 1 foot high ~~and~~ each autumn, ^{or} secondly allow forest to reinvade if open areas are not desired. When grasses are cut too short it eliminates overhead protection and makes the field unsuitable for nearly all kinds of small mammals. Some areas should be left to develop prairie which would require natural grazing or other management.

The logs created by high water should remain among trees because vegetation will not obliterate this unusual aggregation of timber. On open grassy slopes the vegetation will soon cover logs and their scenic value will be concealed. They will, however, produce an interesting additional ecological niche.

From a pond near camp collected a *Thamnophis* from edge of water. It was sluggish. Its measure (body) 214 mm. The tail was stubbed. On return to Lawrence, noted 3 redtails and 2 sparrow hawks. One large flock of male redwings near Lawrence.

Lawrence, Douglas Co., Kansas

March 3, 1974

Considerable evidence of singing by Cardinals. Flicker hammered in dead tree.

This evening after dark heard 2 flocks of geese (snows & blues) flying N. English Sparrows sparing for nesting sites in martin house at home.

March 7, 1974

First excessively hot day this season (in 70's).

March 8, 1974

At 6:00 P.M. a flock of snows & blues flew NW over Deerfield area in Lawrence. High wind caused considerable adjustment in flight pattern. Grasses in Lawrence lawns are definitely green and trees show a slight yellowish green cast. English sparrows and starlings ^{were each} noted copulating.

12 1/10 mi. N and 18 1/10 mi. W Lawrence (P.O.), Douglas Co., Kansas

March 13, 1974

Set 100 traps on two contour levels in field (full length NS) at 20' intervals at 10:00 A.M. Day overcast and temp. 50°F. At 6:00 P.M. checked trapline as follows:

740313-1	<i>microtus ochrogaster</i>	147-30-18-12-48 gms ♀	1x2 emb 8 mm
740313-2	"	140-28-19-12-40 gms ♂	testes 12 mm
740313-3	"	148-35-19-12-43 gms ♂	testes 14 mm
740313-4	"	143-28-19-12-40 gms ♀	1x2 emb. 10 mm
740313-5	"	143-31-19-12-38 gms ♂	testes 13 mm
740313-6	"	146-31-18-12-35 gms ♂	testes 14 mm