

because of the dry condition of the vegetation this year. New green grass is starting. It is remarkable how all traces of microtine activity (trails, holes etc) have been ^{recently} eradicated. A small mammal (skunk?) has been digging shallow holes in this field. The holes are about 2 inches deep and 2 inches wide and, in the best areas are approx. 4 inches apart. The entire field has been affected but the digging is most numerous in localized areas. Some holes are deep. It appears as if the animal was searching for insects (grubs etc) or testing the soils for possible microtine nests, the former most likely. I could see no evidence of microtines moving to peripheral areas when field was burned. Where these animals go is a mystery as I have never found the bodies burned or the animals killed by the fire, yet the following year, they are back in the area. This afternoon checked the Bay Scout Camp site on the Peterson property. Trampling by horses & cattle had reduced or eliminated microtines from areas that previously had supported great numbers. The field of native grasses N of the camp and the one which was so productive last year, had been mowed and no life present. Other field of on-year growth from plowed condition did not produce favorable plant community for microtines.

1 1/10 mi. N and 1 1/10 mi. E Clinton, Douglas Co., Kansas
April 10, 1964

checked trap line that has been in same position since April 8 and the trap line set last night on upper slope of hill.

mammals from
Preparation of above trap lines (1-100 same line as April 8 and 9 and 101-200 from second trap line set last night.

sk. only	640410-28	Microtus ochrogaster	162-35-19-11-60 gms ♀ V. imp, 2x2 emb 11 mm
	640410-51	Peromyscus maniculatus	143-55-19-13-21 gms ♀ V. imp.
	640410-60	Microtus ochrogaster	106-26-17.5-9-5 gms ♂
	640410-78	Synaptomys cooperi.	123-19-19-10-32 gms ♂ testis 6 mm gland 9x5 mm
	640410-105	" "	107-17-19-9-20 gms ♀ uterus normal.
	640410-121	Microtus ochrogaster	145-36-18.5-11-45 gms ♀ V. imp.
	640410-134	Segmodon hispidus.	235-92-31-17-86 gms ♂
SKU	640410-148	Synaptomys cooperi.	124-20-18.5-10-38 gms ♂ testis 6 mm ^{hip} gland 12x3 mm
	640410-149	Segmodon hispidus	234-91-30-17-77 gms ♂