

Perry, Jefferson Co., Kansas

Nov. 29, 1948

Collected 12 *Peromyscus*, 8 *Reithras*, and 4 *Mus musculus* from field. Traps set yesterday afternoon. Dry grass and matted.

2 2/10 mi. S and 1/10 mi. W Lawrence, Douglas Co., Kansas

Dec. 11, 1948

Set 40 live traps in approx 100 x 100 feet in field 1 block W of Haskell Institution. The area is damp and with water in creek. *Andropogon* and very little green grass associated. Traps 10 feet apart. Set at 3 o'clock P.M. and inspected at 5:00 P.M. as follows: 10 *Signodon* and 1 *Mus musculus*.

2 2/10 mi. S and 1/10 mi. W Lawrence, Douglas Co., Kansas

Dec. 12, 1948

Examined 40 live traps set yesterday at and collected the following (9:00 A.M.): 15 *Signodon*, 1 *Microtus ochrogaster*.

At 4:30 P.M. inspected again as follows: 12 *Signodon*.

2 7/10 mi. S and 1/10 mi. W Lawrence, Douglas Co., Kansas

Dec. 13, 1948

From traps set yesterday caught: 6 *Signodon*, 1 *Peromyscus maniculatus*, 1 *Mus musculus*

9/10 mi. S and 2 1/2 mi. W Lawrence, ^(P.O.) Douglas Co., Kansas

Dec. 16, 1948

Established 4 research areas in a field of uncultivated native grass to test the mammal composition or status of a community for one particular point ⁱⁿ time. Such information will be valuable when comparing population in the future.

Four research areas were established within the confines of the field. Area A (A-12-16-48) consisted of two isolated plots ^{of *Andropogon*} of equal size but separated by a discontinuity of native grasses. Area B (B-12-16-48) of a single unit of *Andropogon*, equal ~~to~~ in size to all of area A. Area C (C-12-16-48) twice as large as area B or A or same size as area A and B together. These three areas A-B-C are in a continuous field of *Andropogon*, the areas outside of research areas, however are cut annually, leaving these isolated remnants of undisturbed native grasses. Area D (D-12-16-48) along a fence with 3 feet of uncut grasses ^(second half of fence line - traps 150-200) on east side of fence between the fence and field roadway and cut *Andropogon* field to west. ^{The first} ~~200~~ ²⁰⁰ ~~traps~~ half of fence line with a single foot wide strip of grass below wire.