

water in erosional channel and ice in protected exposures of gulch. During exceptionally periods of rain the banks overflow and inundate 10-20 feet of bordering creek edge. No trees in field. Numerous *Sylvilagus* tracks and runways with grass shelters. A few coyote droppings. A red-tailed hawk and a marsh hawk in field or adjoining field. 291 traps in linear line 10 feet apart and in runways. At 3:15 P.M. collected one *Microtus ochrogaster* 51-2-29-48 from trap no. 12. The complete line was not reexamined at this time. Day cold and clouds forming for rain. At sundown (20 minutes before to sundown) reexamined trap line, 3 hours after setting, and collected the following:

1 <i>Microtus ochrogaster</i> 52-2-29-48	162 <i>Microtus ochrogaster</i> 60-2-29-48
12 " " 53-2-29-48	177 " " 61-2-29-48
46 " " 54-2-29-48	190 " " 62-2-29-48
50 " " 55-2-29-48	213 " " 63-2-29-48
90 <i>Signodon hispidus</i> 56-2-29-48	215 <i>Signodon hispidus</i> 64-2-29-48
99 sprung	229 <i>Microtus ochrogaster</i> 65-2-29-48
100 "	252 <i>Signodon hispidus</i> 66-2-29-48
101 <i>Microtus ochrogaster</i> 57-2-29-48	278 <i>Microtus ochrogaster</i> 67-2-29-48
111 " " 58-2-29-48	287 " " 68-2-29-48
120 <i>Melospiza melodia</i> 59-2-29-48	Reset all traps

Number 60-2-29-48 had fecal pellet measuring 6 x 2 mm.

3 1/2 mi SSW Pleasant Grove, Douglas Co., Kansas
March 1, 1948

This morning inspected research area 50-2-29-48 in a freezing rain storm. Ice formed on all vegetation making solid stocks of all the grasses and weeds. Under these conditions was not able to correlate traps and mammals. All traps were sprung.

1. *Perom.* 1-3-1-48; 3 *Reithro* 2-3-1-48; 5 *Microtus ochrogaster* 3-3-1-48;
6 *M. ochro* 4-3-1-48; 8 *Reithro* 5-3-1-48; 18 *Reithro* 6-3-1-48; 10 *M. ochro*
7-3-1-48; 11 *Perom.* 8-3-1-48; 12 *Perom* 9-3-1-48; 16 *M. ochro* 10-3-1-48;
17- *M. ochro* 11-3-1-48; 27 *Perom* 12-3-1-48; 41 *M. ochro* 13-3-1-48; 45 *Reithro*
14-3-1-48; 48 *M. ochro* 15-3-1-48; 49 *M. ochro* 16-3-1-48; 59 *M. ochro* 17-3-1-48;
62 *Reithro* 18-3-1-48; 72 *M. ochro* 19-3-1-48; 74 *M. ochro* 20-3-1-48; 80 *M. ochro*
21-3-1-48; 78 *M. ochro* 22-3-1-48; 79 *Reithro* 23-3-1-48; 86 *M. ochro* 24-3-1-48;
90 *Micro. ochro* 25-3-1-48; 95 *M. ochro* 26-3-1-48; 101 *M. ochro* 27-3-1-48;
115 *M. ochro* 28-3-1-48; 122 *Perom* 29-3-1-48; 126 *Perom* 30-3-1-48; 27
M. ochro 31-3-1-48 eaten thru eye and brain to neck region on one side;
128 *M. ochro* 32-3-1-48; 129 *Perom* 33-3-1-48; 130 *Perom* 34-3-1-48;
131- *M. ochro* 35-3-1-48; 137 *Reithro* 36-3-1-48; 144 *M. ochro* 37-3-1-48;