

54 *Reithrodontomys* 9-7-26-48; 56 *Microtus ochrogaster* 10-7-26-48;
 61 *Microtus ochrogaster* 11-7-26-48; 63 *Reithrodontomys* 12-7-26-48;
 64 *Microtus ochrogaster* 13-7-26-48; 71 *Reithrodontomys* 14-7-26-48;
 74 *Microtus pennsylvanicus* 15-7-26-48; 85 *Microtus ochrogaster* 16-7-26-48;
 91 *Microtus ochrogaster* 17-7-26-48; 98 *Microtus ochrogaster* 18-7-26-48;
 106 *Microtus ochrogaster* 19-7-26-48; 108 *Microtus ochrogaster* 20-7-26-48;
 109 *Microtus ochrogaster* 21-7-26-48. *Microtus pennsylvanicus*

inhabits the dense vegetation of cattails & bullrushes while *Microtus ochrogaster* is found in drier adjoining grasses.

Collected the following grasses in equal proportion in areas occupied by *Microtus ochrogaster*.

13(1) - 7-26-48 _____

13(2) - 7-26-48 _____

13(4) - 7-26-48 _____

Grasses used by *Microtus pennsylvanicus*

14(1) - 7-26-48 _____

subdominant.

14(2) - 7-26-48 _____

matted to erect and

subdominant.

14(3) - 7-26-48 _____

dominant in equal

degree with the following:

14(4) - 7-26-48 _____

equal dominant

14(5) - 7-26-48 _____

equal dominant.

Completed trap line at 10:30 A.M. and returned to camp. At 7:00 P.M. inspected trapline in research area A-7-25-48 as follows:

Trap 44 *Microtus ochrogaster* 23-7-26-48; 108 *Microtus pennsylvanicus*. Grasshoppers had eaten most of the oatmeal and had sprung many traps but was not the concentration of grasshopper as at 3 1/2 mi W Loveland. Reset all traps and returned to camp. Enroute at 6 mi. W and 1/4 mi. S Loveland a *Mephitis mephitis* ran across road. At camp compared *Microtus ochrogaster* and found that those caught in day are lighter than those caught at night. This may be a factor of color change in animals that forage more in sunlight in the cooler periods of spring or autumn.

3 1/2 mi. W Loveland, 5030 ft., Larimer Co., Colorado

July 27, 1948

Left camp and inspected trapline at research area A-7-25-48. Recorded only positive catches and pulled all traps: 12 *Microtus ochrogaster* 1-7-27-48; 13 *Microtus ochrogaster* 2-7-27-48; 23 *Microtus ochrogaster* 3-7-27-48; 32 *Reithrodontomys* 4-7-27-48; 44 *Microtus*