

From research area D-8-20-48: 43 *Peromyscus maniculatus*  
14-8-21-48; 48 sprung; 52 sprung.

From research area E-8-20-48 as follows: 71 *Peromyscus maniculatus* 5-8-21-48; 74 *Peromyscus maniculatus* 16-8-21-48; 76 *Peromyscus maniculatus* 17-8-21-48; 82 *Peromyscus maniculatus* 18-8-21-48; 85 *Peromyscus maniculatus* 19-8-21-48. Longmire caught one *Clethrionomys* at this station. It is interesting to note that *Peromyscus* is common along creek but no *Microtus*. Returned to base camp at Buffalo.

This evening established two trap lines at 6 1/2 mi. W and 1 mi. S Buffalo, 5620 ft., Johnson Co., Wyoming. The first set in old research area A-8-18-48 and traps placed in runways (80 traps). Research area B-8-21-48 across creek from this above site and along spring course. The spring originated 120 feet up steep sidehill and flowed down slope in a supersaturated soil and among rocks covered with mosses. maples, aspen dominant trees with willow patches lining the creek. This trapline completely protected by trees. Traps 81+20 at 10 foot intervals along creek. Returned to base camp.

4 1/2 mi. W and 1 mi. S Buffalo, 5420 ft., Johnson Co., Wyoming  
Aug 22, 1948

Examined traps in research area A-8-18-48 at 6 1/2 mi. W and 1 mi. S Buffalo, as follows: Trap 17 *Microtus ochrogaster* 1-8-22-48; 18 *Peromyscus maniculatus* 2-8-22-48 in some runway system as used by *Microtus ochrogaster* and 10 feet away; 24 *Perognathus* 3-8-22-48 and only 10 feet away from *Microtus ochrogaster* taken 8-19-48 on first inspection of trap line; 25 *Peromyscus maniculatus* 4-8-22-48 and 10 feet from *Perognathus*.

From research area B-8-21-48 on sidehill (positive record only). no 5-8-22-48 *Sorex*; 6-8-22-48 *Sorex* (foot only); 7-8-22-48 *Zapus princeps*; 8-8-22-48 *Clethrionomys*; 9-8-22-48 *Peromyscus maniculatus*. The *Sorex* and *Clethrionomys* were 10 feet apart. Returned to base camp.

From side hill at 4 1/2 mi. W and 1 mi. S Buffalo, 5440 ft., Johnson Co., Wyoming collected a *Onychomys leucogaster* measuring 804 total length, 191 tail, 104 hind foot, 41 ear, 29 lbs (measurements in mm). This animal was in a maple tree in a gulch surrounded by pine (*Pinus ponderosa*)