

Established base camp at 4 1/2 mi. W and 1 mile S Buffalo, 5420 feet., Johnson Co., Wyoming.

This evening established research area A-8-14-48 of 100 traps at 1 mi. W and 8/10 mi. S Buffalo, 4800 ft., Johnson Co., Wyoming. This area is beyond influence of canyon and associated with lower valley of Clear Creek. It is marsh land of 4 acres or less and is fed by small springs at base of hillside. These springs are characterized by bottomless pits of mud. I accidentally stepped onto one of these mud pits and could have lost my life if it had not been for a plank placed along its side. It would be interesting to excavate this mud pit for entrapped mammals and other vertebrates forms. Surrounding area of cattails and usual sedges and grasses. Beyond the confines of spring area below marsh the soils were dry and alkali. Artemisia between spring area and mountain. The background is one of bench-land with mountain range proper in the distance. Traps set every 10 feet in matted grasses. Soils damp to wet. This line of traps paralleled cattails. Returned to car and established base camp at 4 1/2 mi. W & 1 mi. S Buffalo, along a clear creek and spring. Large igneous rocks line the creek bottom and they create a rather striking picture of white clear water, rapids and black background.

4 1/2 mi. W and 1 mi. S Buffalo, 5420 ft., Johnson Co., Wyoming
Aug 15, 1948

From research area A-8-14-48 at 1 mi. W and 8/10 mi. S Buffalo, 4800 ft., collected the following: trap 1 Reithrodontomys 1-8-15-48; 6 Reithrodontomys 2-8-15-48; 17 sprung; 25 Microtus pennsylvanicus 3-8-15-48; 26 sprung; 32 sprung; 35 Reithrodontomys 4-8-15-48; 37 Microtus pennsylvanicus 5-8-15-48; 43 Microtus pennsylvanicus 6-8-15-48; 50 sprung; 51 Microtus pennsylvanicus 7-8-15-48; 52 sprung; 53 Microtus pennsylvanicus; 54 Microtus pennsylvanicus 9-8-15-48; 55 Microtus pennsylvanicus 10-8-15-48; 56 Microtus pennsylvanicus 11-8-15-48; 64 sprung, trap placed in nest of Microtus?; 66 Microtus pennsylvanicus 12-8-15-48; 70 sprung; 81 sprung; 83 Microtus pennsylvanicus ¹³⁻⁸⁻¹⁵⁻⁴⁸; 84 ¹⁴⁻⁸⁻¹⁵⁻⁴⁸ Microtus pennsylvanicus; 87 Microtus pennsylvanicus ¹⁵⁻⁸⁻¹⁵⁻⁴⁸; 92 Sturnella 16-8-15-48. Returned to base camp. This afternoon at 3:00 P.M. collected 4 Tomascuerus from ponderosa pines on canyon slope at 5 1/2 mi. W and 1 mi. S Buffalo, 5600 ft. The first two were from same group of trees. The ♂ 17-8-15-48 was at nest and at that time the female called 100 feet beyond uphill.