

This community 17-7-7-48. Considerable microtus activity but no established runways. Sails dry and bare between grass stalks. Research area B-7-7-48 in abandoned river channel filled with cattails and mixed grasses & sedges with cottonwoods toward river and *Artemisia* toward valley side. The area had recently been drained or dried by normal means except several ponds surrounded by cattails. An entrenched canal drained the entire area. Traps 31-80 placed 10 feet apart. The following birds and mammals present.

Ducks sp?

*Xanthocephalus* + *anthocephalus*

*Agelaius phoeniceus*

*Charadrius vociferans vociferans*

marsh hawk wren

*Citellus richardsoni* in *Artemisia* beyond meadow.

Returned to camp.

8 mi. N and 16 mi. E Encampment, 8400 ft., Carbon Co., Wyoming.

July 8, 1948.

This morning shortly after sun-up drove down to inspect trapping area at 9 mi. N & 3 mi. E Encampment, 6500 ft.; Research area A-7-7-48 as follows:

1 sprung, 2 *Microtus montanus* 1-7-8-48; 3 *Microtus montanus* 2-7-8-48; 4-13 uneffected; 14 *Microtus montanus* 3-7-8-48; 15 uneffected; 16 *Microtus montanus* 4-7-8-48; 17 *M. montanus* 5-7-8-48; 18 *M. montanus* 6-7-8-48; 19-24 uneffected; 25 sprung; 26-28 uneffected; 29 *Microtus montanus* 7-7-8-48; 30 uneffected.

From research area B-7-7-48:

31 sprung; 32-37 uneffected; 38 sprung; 39-40 uneffected; 41 *Peromyscus maniculatus* 8-7-8-48; 42 uneffected; 43 *Peromyscus maniculatus* 9-7-8-48; 44-51 uneffected; 52 *Peromyscus maniculatus* 10-7-8-48; 53 *Peromyscus maniculatus* 11-7-8-48; 54-57 uneffected; 58 sprung; 59-60 uneffected; 61 sprung; 62-68 uneffected; 69 *Microtus montanus* 12-7-8-48 could be intergrade with *Microtus ochrogaster*; 70-72 uneffected; 73 sprung; 74-77 uneffected; 78 sprung; 79-80 uneffected. On return to camp collected a *Citellus richardsoni* 13-7-8-48 in root on benchland some 2 mi. E of trapping area. Photo 14-7-8-48 of meadows just beyond point where creek and canyon leaves the mountains at 12 1/2 mi. E and 12 1/4 mi. S Saratoga, Carbon Co., Wyoming, and flows thru the benchland. This area represents an old lake bottom