

arrived Alcova and set several traps in various plant and animal communities.

Alcova, 5180 ft., Natrona Co., Wyoming

Aug 31, 1948

From 10 traps along river (1 to 5 feet from edge) in grasses (dominant 1(1)-8-31-48 and 1(2)-8-31-48) and in runways collected one *Microtus ochrogaster* 2-8-31-48. 4 traps were snapped. The riparian vegetation was willow, sage (12 ft high) and adjoining a hillside of sage, juniper, *Gutierrezia* and greasewood. From set second set of 10 traps in sandy area of sage, *Gutierrezia*, greasewood above first set collected *Dipodomys* 3-8-31-48 and *Dipodomys* 4-8-31-48. Also two *Peromyscus* 5 and 6-8-~~8~~³¹-48. Returned to camp.

Left Alcova and made rabbit census from North of Independence Rock to Independence Rock, starting at mileage 299.5. (these are rabbits and other mammals killed in road). 299.5 3 jackrabbits; 99.6 *Sylvilagus*; 99.9 *Sylvilagus*; 00.2 *Sylvilagus* & jackrabbit; 00.3 *Sylvilagus*; 00.6 *Sylvilagus*; 01.6 *Sylvilagus*; 00.6 *Sylvilagus* (the area is rabbitbrush & sage brush with grasses between, horned larks common all along the way); 01.0 3 *Sylvilagus*; 01.4 *Sylvilagus*; 01.5 2 *Sylvilagus*; 01.6 1 *Sylvilagus*; 01.6 *Sylvilagus*; 01.8 2 *Sylvilagus*; 02.0 2 *Sylvilagus*; 02.2 *Sylvilagus*; 02.3 *Sylvilagus*; 02.5 *Sylvilagus*; 02.7 *Sylvilagus*; 03.1 3 *Sylvilagus*; 03.1 sagehen, *Dipodomys*; 03.2 sagehen; 03.3 sagehen; 03.6 3 *Sylvilagus* (budge); 03.8 1 *Sylvilagus*; 03.7 *Sylvilagus*; 04.3 *Sylvilagus*; 04.5 *Sylvilagus*; 04.6 *Sylvilagus*; 04.9 *Sylvilagus*; 05.5 *Dipodomys*; 05.7 *Sylvilagus*; 05.8 *Sylvilagus*; 06.0 *Sylvilagus*; 06.2 *Sylvilagus*; 06.6 *Sylvilagus*; 06.7 *Dipodomys*; 06.9 3 *Sylvilagus*; 07.1 *Sylvilagus*; 07.2 *Sylvilagus*; 07.3 *Dipodomys*; 07.6 *Sylvilagus*, horned larks always present along road in flocks 5-50. In either flock or singles every 200 feet average; 08.2 2 *Dipodomys*; 08.4 1 *Sylvilagus*; 08.5 *Sylvilagus*; 08.7 *Sylvilagus*; 08.8 *Sylvilagus*; 08.9 *Sylvilagus*; 09.3 *Sylvilagus*; 09.4 *Dipodomys* and one *Sylvilagus*; 09.7 2 *Sylvilagus*; 10.0 budge, *Sylvilagus*; 10.2 *Sylvilagus*; 10.7 sagehen; 11.4 1 cottontail, sparrow hawk; 11.5 *Sylvilagus*; 11.9 *Sylvilagus*; 12.9 Independence Rock. end of census. Sagehens across entire area from Grey Bull to Laramie. From Laramie continue to Pole Mt and procured permit to trap on the Federal Refuge.