


43 *Zapus princeps* 5-8-7-48; 44 *Peromyscus maniculatus* 6-8-7-48;
 48 *Zapus princeps* 7-8-7-48; 50 *Peromyscus maniculatus* 8-8-7-48;
 58 *Sorex vagrans* 9-8-7-48; several traps were sprung. The
 shaded condition of the creek bottom  probably
 accounts for lack of runway. There is no reason
 why *Microtus longicaudus* should not be represented. At this
 point flushed 4 ^{Centrocercus} *urophasianus* from bank of
 erosional gully 20 feet from water. Met Mr. Johnson who
 is caretaker of property on which we were trapping. He informs
 me: One bobcat was killed at the home of Mr. Beech about
 1 mile below our trapping area. One coyote was seen today
 5 mi. S Casper on way to his Cabin. *Taxidea torus* on
 flats between here and Casper. One bear (black) noted
 approx. 6 mi. S Casper at home of Mr. Beech in 1946.
Odocoileus hemionus common in hills and 60 observed
 at Mr. Beech's residence last year in fall. No antelope in
 area. Few *Arvicola canadensis* in hills (Casper Mountains). Mt.
 Sheep in C. V. Canyon 2 mi. W of Beech's home. Porcupine
 common in ponderosa pines. One weasel 3 days ago at Mr.
 Beech's residence. Few tree squirrels (*Tamiasciurus*). Birds
 in area are: *Centrocercus urophasianus* 3, *Sindragopus* 3, *Otocoris*
alpestris 200 in one flock, *Colaptes cafer*, *Falco sparverius*,
Sturnella carolinensis, *Lanius*, *Pooecetes gramineus*,
Buteo jamaicensis, *Accipiter cooperii*. Returned to base camp.
 This evening returned to same general area as above and
 set several trap lines in places favorable for *Microtus ochrogaster*.
 At 6³/₁₀ mi. S and 2 mi. W Casper 6100ft set 5 traps in uncut
 grass field in damp area of 10 x 8 feet. Runway present. This
 site is research area A-8-7-48. At 6⁹/₁₀ mi. S and 2 mi. W Casper,
 6200ft established research area B-8-7-48 (traps 6-48) in a gulch
 of Chokecherry, artemisia and grasses. No water but grass in
 good enough stand for *Peromyscus*. At 7 mi. S and 2 mi. W set
 traps 49-80 in same area as old research area B-8-6-48 but
 at lower end of damp area. Traps 49-62 associated with
 Chokecherry, wild rose while traps 63-80 in grasses in open field
 below willow patch. Considerable runway in grass area and
 suggests *M. ochrogaster* area. Research area C-8-7-48 of traps
 81-110 in immediate area where Longquist took the only *M.*
ochrogaster taken here. Traps in runways and general sets.
 Returned to base camp at 4¹/₂ mi. S & 1¹/₂ mi. W Casper and
 set traps 111-135 (research area D-8-7-48) in gulch about