

talus from this dark granite than elsewhere. It is not uncommon to see a Castor canadensis swimming in this lake. The most conspicuous bird around the edge of this lake is the white-crowned sparrow and occasionally the Lincoln sparrow. The above shot at 1/2 mi. NE Lake Marie at 10520 ft in Albany Co. Returned to Brush Creek. This afternoon drove to Centennial and established two research areas, one A-7-13-48 at the mouth of the canyon at 1/2 mi. W Centennial and B-7-13-48 at 1/2 mi. ~~W~~ E Centennial in Albany Co. The elevation of these two areas is approx 8120 ft, however, the one E of Centennial is slightly lower and in open valley. The objective of these sets was to determine if *Microtus ochrogaster* was in valley and if so how close it approached *Microtus montanus* in mouth of Canyon. Research area A-7-13-48 in aspen, willow association with rank grasses interspersed throughout. Other rank vegetation added to the understory vegetation. Research area B-7-13-48 was open grassland in spring area. No shrubs or trees present. Such a general area represents the most upper limit of the Laramie Plains and shows influence of grasslands. If *Microtus ochrogaster* is in the valley, it should certainly be here. Last trap set after dark and thence back to base camp in Brush Camp. Only two *Onychomys leucogaster* observed in road. No other mammals observed in headlights.

8 mi. E and 16 mi. S Encampment, Carbon Co., Wyoming

Left before sunrise and <sup>July 14, 1948</sup> ~~traveled~~ across Snowy Range to Centennial Wyoming and inspected research area A-7-13-48 of last night's set. Considerable dew on grasses:

1-3 unaffected; 4 sprung; 5-14 unaffected; 15 *Zapus princeps* 1-7-14-48, 16 *Zapus princeps* 2-7-14-48; 17 *Sorex vagrans* 3-7-14-48; 18 unaffected; 19 *Zapus princeps* 4-7-14-48; 20-21 unaffected; 22 sprung; 23 sprung; 24-25 unaffected; 26 sprung; 27 *Sorex palustris navigator* 5-7-14-48; 28-30 unaffected; 31 sprung; 32 unaffected; 33 sprung; 34 unaffected; 35 sprung; 36 sprung; 37-42 unaffected; 43 *Zapus princeps* 6-7-14-48; 44 unaffected; 45 sprung; 46 sprung; 47 unaffected; 48 sprung; 49 sprung; 50-52 unaffected; 53 sprung; 54 unaffected; 55 sprung; 56-57 unaffected; 58 sprung; 59 sprung; 60 unaffected; 61 sprung; 62-65 unaffected; 66 sprung; 67-72 sprung; 73 unaffected; 74 *Sorex vagrans* 7-7-14-48; 75 sprung; 76-78 unaffected; 79 sprung; 80 sprung; 81 unaffected; 82 sprung; 83 *Zapus princeps* 8-7-14-48; 84 *Zapus princeps* 9-7-14-48 in supersaturated soils among grasses