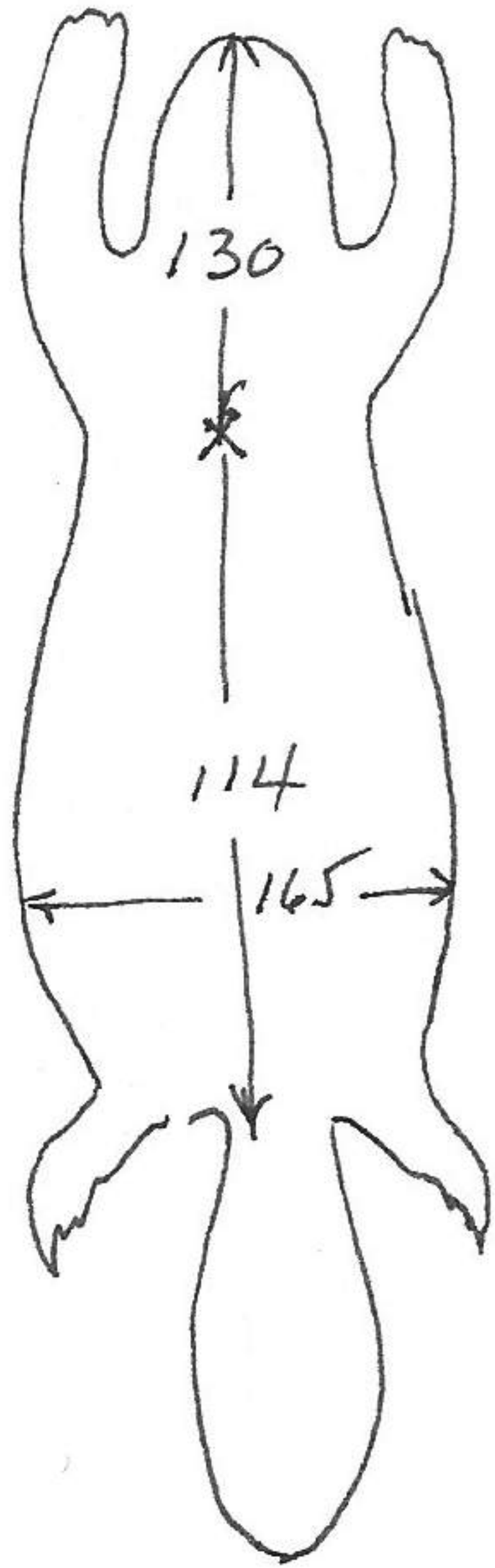


especially closed valleys. Up to this time I have not trapped *Citellus* on slopes except at level of the valley at the base of the ridge. Returned to camp. Measured marmot collected

today 510823-53 ♂ 408-110-73-23 - 1835 gms, testis 10 mm. Stomach weighed 250 gms, intestines weighed 410 gms. These two items constitute a ~~the~~ major part of the weight of the marmot. The abdomen was enlarged as usual in young at this time of the year. It was so distended that it felt as ~~rough~~ taut as a drum. Leaves in mouth. Bullet (22) grazed top of head but close enough to stun the animal. Photo 510823-54 of this animal showing distended abdomen and the general distribution of fat on the venter. Photo 510823-55 of fat distribution and arrangement of



organs in body cavity. Photo 510823-56 of distribution of fat on dorsal side of body cavity. Liver directed anteriorly. This distribution of fat suggests an animal preparing for hibernation.

Chandler Lake, 68°12', 152°45', 2900ft., Brooks Range, Alaska

Aug. 24, 1951

Min. temp last night 28°F. Snow low on mt to south. Day partly clear - sunshine approx. 40% of the time. Rain and snow on higher mountains at 7:00 P.M. Rain from individual clouds which on high slopes produced light snow, particularly to west. At 2:00 P.M. lake clear and calm and could see many trout about 350 mm in length swimming in deeper water of lake. One 150 mm long near shore. Average temp today 34°F. Max. 54°F. Loons still calling. Heard marmot call on slide area below highest peak to west. Ice crystals on ponds or non-circulating water, 500 mm long and very slender instead of sheet ice which generally forms on ponds. Lake unaffected by low temperatures. No pilot today to pick us up. Anderson's inability to get into Chandler Lake suggests general extent of bad weather the last week. This evening set 150 traps in same general area as set two days ago. Traps 20 feet apart. Choice of placement of traps about same as on previous sets. Storage problem becoming more and more critical with each day.