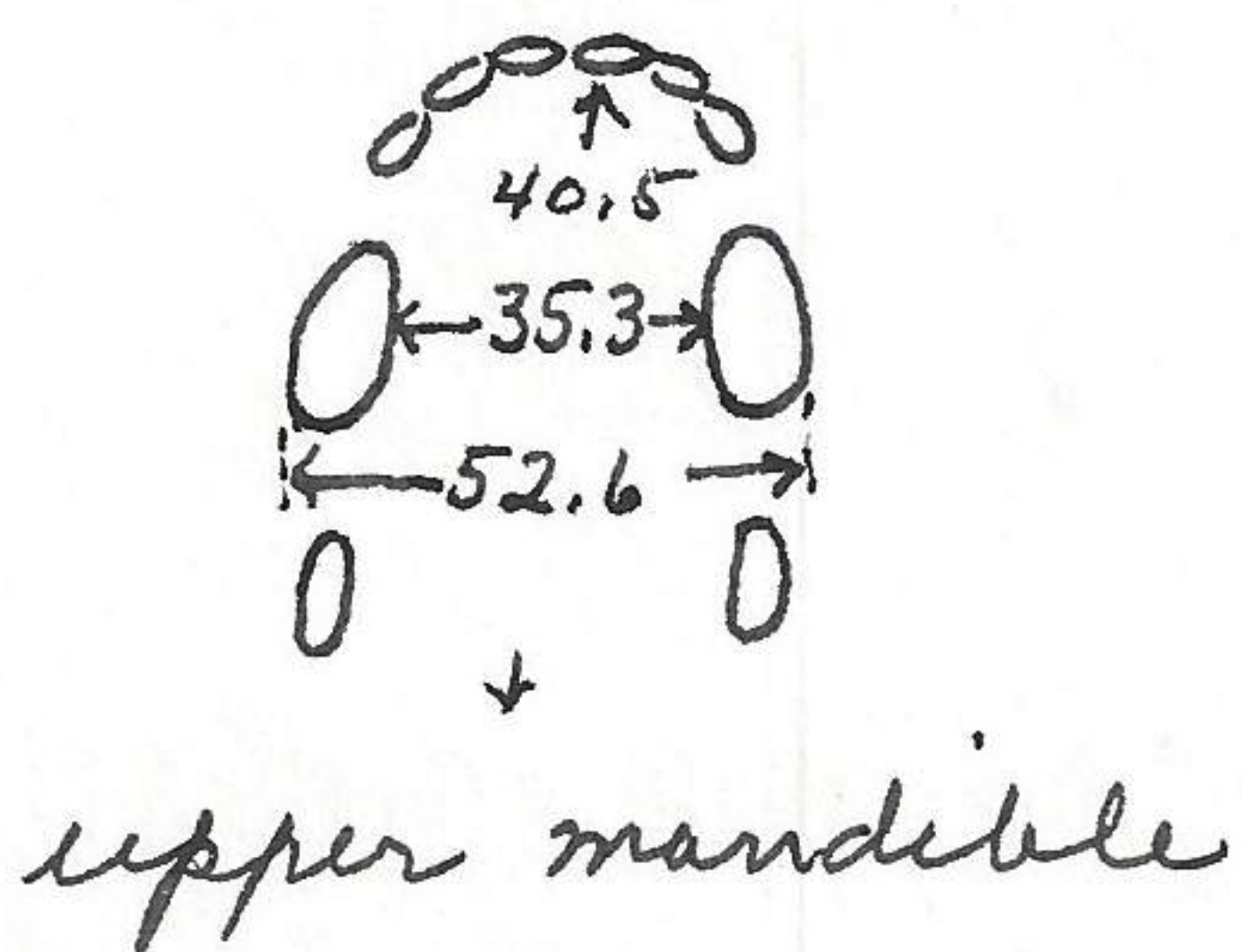


They may be responsible for their barrenness. One fecal pellet of wolf from top of peak (Annette peak) had skull of Citellus. 12 droppings between top and lake below. Grizzly stopped digging activity at base of uppermost peak of Annette mountain. Two fecal piles of ptarmigan on top. At camp yellow-billed loon called for first time at 8:00 P.M. and continued until midnight. Temp at 12:00 midnight 37°F, min. 33°F, max 85°F. The steam in air above lake forms first on edge of lake.

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Pulled all traps from area. In general can say that *Microtus oregonus* is in wet grass and sedge areas along more permanent bodies of water or creek beds, *Microtus murus* also in the lesser wet areas of marsh but mainly on side-hills among dwarf willow, alder and birch and mossy hillside hummocks. These mice occurred to the very upper limits of hillside vegetation. *Clethrionomys* mainly prefers rough terrain of cut banks or rock areas with interstitial areas of overhead protection. Photos (520718-40) and (520718-41) and (42) of Annette Peak of Annette mountain of Annette Range taken from N side of valley N of Porcupine Lake. Annette Range is the Permian rocks that form the center range of this east-west valley in the Brooks Range. Departed Porcupine Lake 5:30 P.M. for mouth of Canning River, thence to Umiat. Going down Canning River saw 1 grizzly near lake, group of 1, 5, 10, 7, 2, 3, 3 mountain sheep (Dall). The Canning River is not as spectacular as the Ivashok in grandeur of scenery. Took movies in color of ice fields in canyon and at mouth and from mouth of Canning River to Umiat took representative patterns of tundra landscape below. Noted more bird-life as we approached the Colville River, including ptarmigan, gulls, loons, old squaw ducks, jaeger etc indicating a certain dependability upon the Colville drainage for support and protection. Last movie shot of water trailing from plane upon arrival at Umiat. Mr. Redhead of Umiat, allowed me to measure tooth of wolf taken last winter (February) between Umiat and Gubie. It measured:



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This wolf is described earlier in journal.