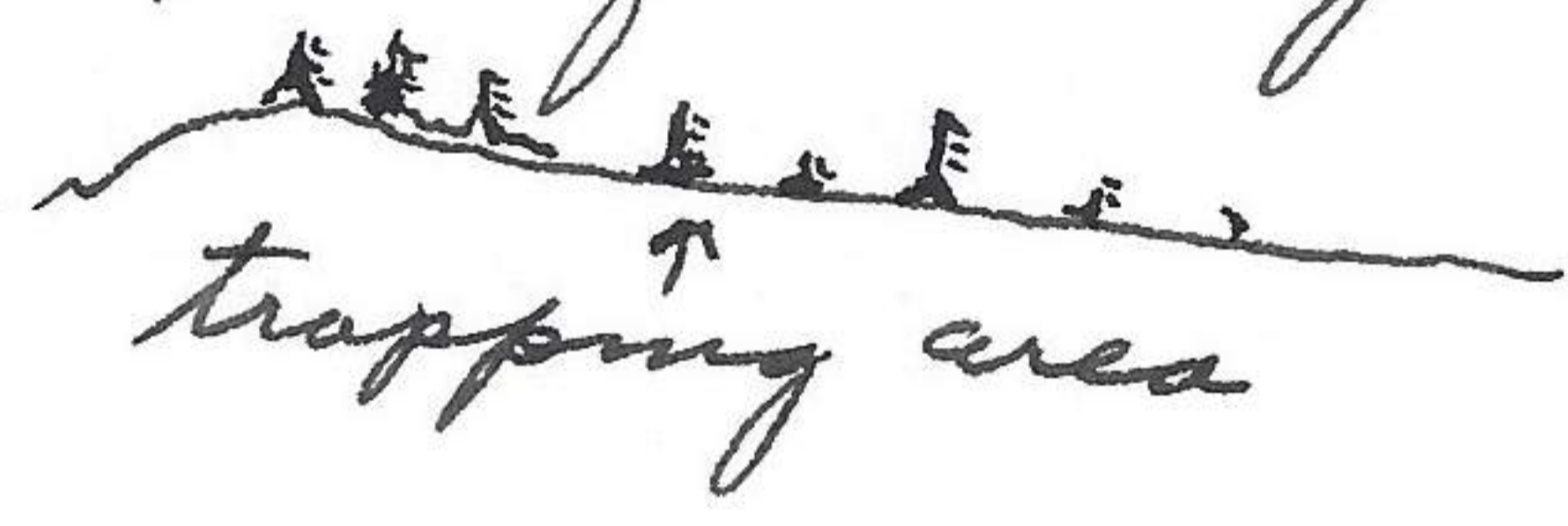
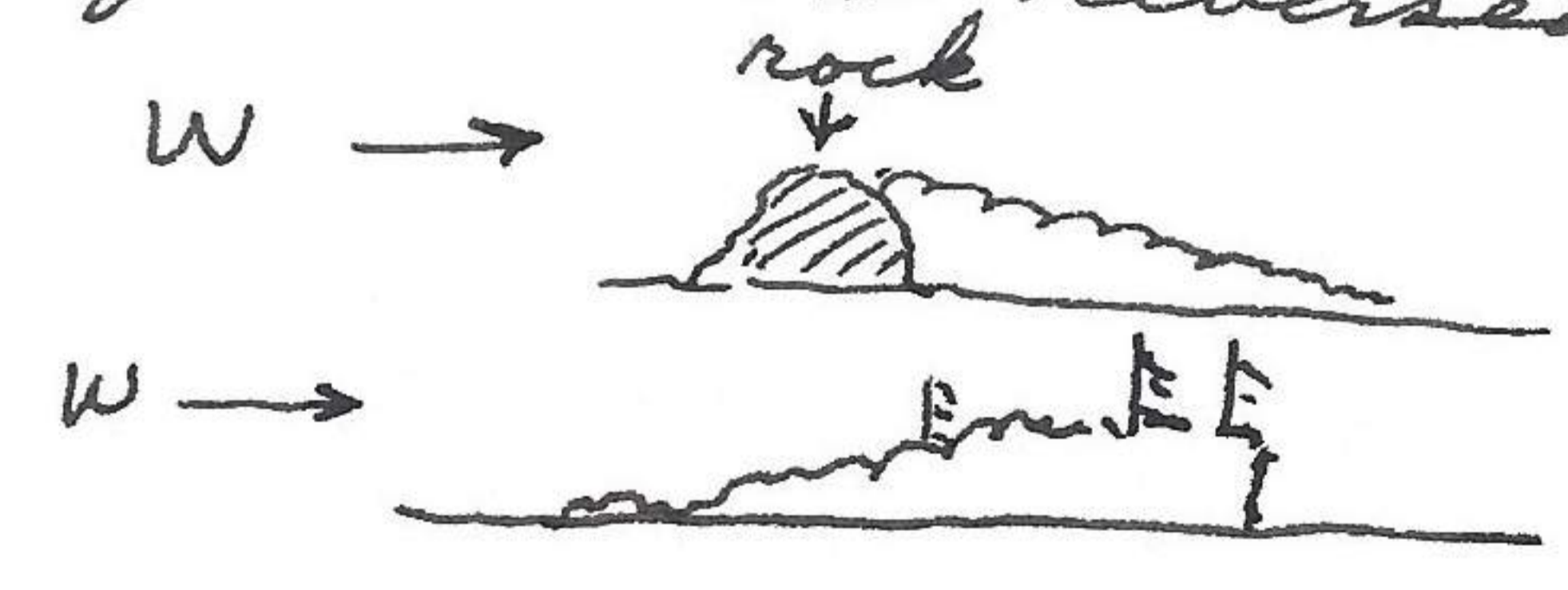


The morning at camp on Libby Flat, the temperature at 6:30 A.M. was 48°F. There was a rapid warming. No dew on vegetation and soil dry. This is one of the characteristics of the alpine flats. The trapping area is krummholz on gently sloping terrain with tree island forming about 30% of surface. The average height of trees (spruces) is 8-10 feet with lower zone solid growth. This area is a very old one with some tree 2 feet in diameter. There is bare soil under protection of the dwarf spruce, some areas easily accessible, others impossible to penetrate. A gooseberry bush frequently surrounds the islands of spruce. Beyond is alpine meadow which is dry, in flower, and considerably disturbed by gopher diggings. Traps were set on bare soils in krummholz or as near this condition as possible. Interval of 20 feet (125 traps). The shrew, Peromyscus and Microtus were generally distributed. One trap place at edge of rock field at edge of grazing grounds of marmot and pika, yielded a Peromyscus.

Two white-crowned sparrows sang and approx. 30 others consisting of adults & young were in trapping area. One pair of pipit were concerned over one area. It is interesting to speculate why Clethrionomys was not present and why there was such a high percentage of Peromyscus & Microtus, the latter certainly out of place. In the alpine fields beyond, noted several old winter grass nests.



The wind from the west formed the tree masses. Beyond the general area, and in some instances among the regular krummholz were large rocks, some 3 feet high in which the form of trees was reversed in reverse direction of the trees not having the barrier.



Some areas supported wind channels as if cut as a road or trail. The flat proper are characterized by bare rocks blown free of soil. Some wind blowouts present. at about 8:00 A.M. left camp and moved to Mirror Lake where we set up camp on S. side of lake. Prepared mammals all day. From experimentation found that skins of mammals when placed in airtight jar on ice will remain in good condition