

Butterfly Lake, 10,321 ft., Duchesne Co., Utah

Aug. 12, 1969

measurement of mammals collected this A.M. from 70 traps set last night among conifers bordering alpine meadows w of Butterfly Lake at 10327 ft.

|                 |               |                                    |
|-----------------|---------------|------------------------------------|
| 690812-1        | Clethrionomys | 121-31-19-14-17 gms ♂ testes 7 mm  |
| 690812-2        | "             | 143-44-19-14-25 gms ♂ testes 10 mm |
| 690812-3        | "             | 141-40-19-14-25 gms ♂ testes 11 mm |
| 690812-4        | "             | 128-34-19-14-19 gms ♂ testes 10 mm |
| m only 690812-5 | "             | 109 32-18-13-12 gms ♀ ut normal    |
| m only 690812-6 | "             | 118-33-19-13-15 gms ut. enlarged.  |

The above Clethrionomys were localized and associated with bases of Engelmann spruce and down logs. Left traps in position (8:00 P.M.), cloudy, some rain, and at 12:00 noon, rechecked traps and collected one Phenacomys. 3 other traps were sprung. This microtine measured:

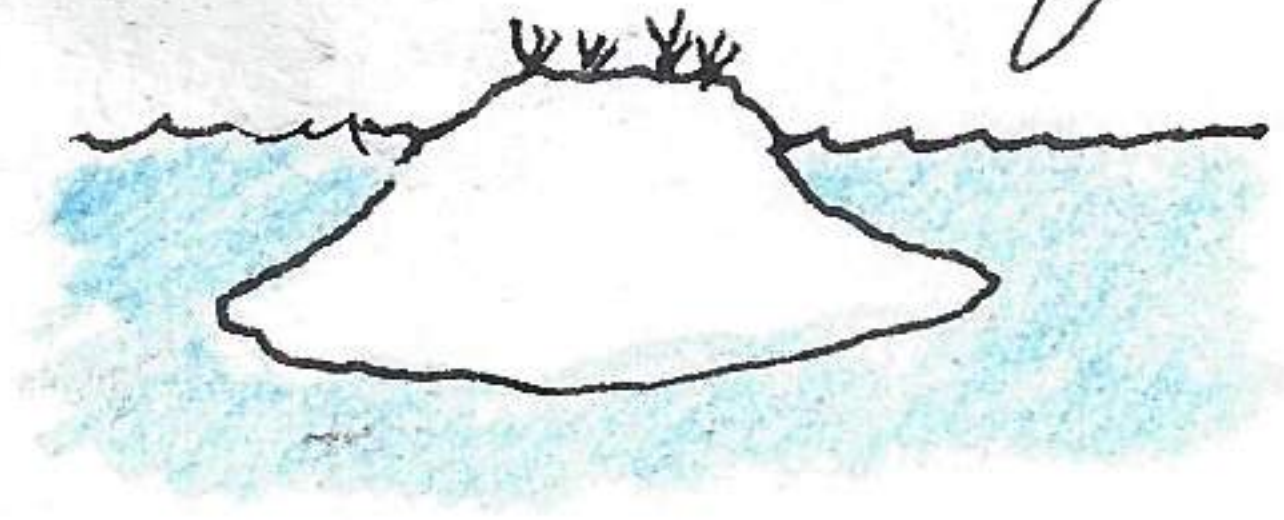
690812-7 Phenacomys 129-31-18-13-28 gms ♀ 1x3 emb 5 mm

The skin of this mouse is very delicate. Mammary glands well developed. Trapped from dense accumulation at base of spruce. Birds in area: Canada jay, gray-headed junco, hermit thrush and juvenile, mountain chickadee, tree swallow, spotted sandpiper at same lake as noted last year (directly n of w end Butterfly Lake, robin, pine siskin, clarks crow, white-crowned sparrow, Cassin's finch, arctic three-toed woodpecker, red-breasted nuthatch, crossbill, hummingbird,

at 5:15 P.M. checked trap line of above and only two traps had been sprung. no mammals. Mary and I took several photographs in area west and nw of Butterfly Lake as follows:

- 690812-8 Annette C at camp.
- 690812-9 Mary at lake supporting floating island. Engelmann spruce in background, dwarf willow in foreground.
- 690812-10 blue flower associated with edge of lake in sedge and grass.
- 690812-11 Floating island lake and general view.
- 690812-12 Close up of floating island showing configuration of sub-surface profile.

This island moves from one part of lake to another according to wind but generally is at S end of lake.



690812-13 Lake directly n of W end Butterfly showing water-lily and spruce tree reflection.