

- 9:30 3rd. switchback. Macgillivray warbler (?) called.
- 9:32 Eutamias m. conos. Flicker calling.
- 9:33 Green tailed Towhee. Junco called.
- 9:35 Green tailed Towhee, 5 flickers.
- 9:36 Brink of cirque.

Inspection of research areas revealed that sheep had more than completely tramped out traps in nearly all settings. Some traps almost tramped into soil and damaged. Under these conditions could only indicate the mammals captured. Interesting to note that sheep penetrate almost every conceivable place. The area least affected being the very dense conifer tangles where their invasion was more for protection than for food.

Research area A-9-5-39

- 21. Eut. m. conos ①
- 24. Peromyscus ②
- 28. Peromyscus ③
- 33 Peromyscus ④
- 34. Peromyscus ⑤
- 66 Peromyscus ⑥
- 95 Peromyscus ⑦
- 98 Peromyscus ⑧

Take picture (60-9-8-39) along this route showing terraces in background see picture insertion of 9-8-39 notes.

Research area B-9-5-39

- 19 Peromyscus ⑨
- 29. Peromyscus ⑩

Research area C-9-5-39

- 4. Clethrionomys ⑪. Practically destroyed by sheep.

Research area D-9-5-39

- 26 Peromyscus ⑫
- 29 Peromyscus ⑬

Research area E-9-5-39

- 37. G. T. Towhee ⑭
- 47 Peromyscus ⑮
- 49 Peromyscus ⑯
- 51 Peromyscus ⑰
- 82 Peromyscus ⑱

See note and picture of areal view of cirque taken from terraces on south end of cirque. at end of the 9th. Picture number 21-9-8-37

Research area F-9-5-39

- 93 Eutamias umbrinus ⑲
- 96. Peromyscus ⑳

General observations in cirque this morning are:

Green tailed Towhee. Several birds found principally in the dwarf fir.

Golden Eagle. Two birds flying at the brink of the upper cirque with a large hawk at their heels.

Carpenter or sharp shinned in basal cirque. Observed at two different occasions

White Cr. Sparrow. Singing occasionally but not common.

Pika in nearly all slides.

Examined pika haystacks in research area D-9-5-39, being 50' apart with dry base accumulation & green upper layer.