

1/10 mi. E of Cameron Pass, 10320 ft., Larimer Co., Colorado

July 17, 1975

From 50 traps set in Engelmann spruce on <sup>E</sup> sidehill, captured:

<u>750717-16</u>	<i>Clethrionomys gapperi</i>	143-41-19-14-25gms ♂	Testis 10mm
SKU <u>750717-17</u>	"	142-41-18-14-26gms ♀	5x2 plac scars
<u>750717-18</u>	"	145-45-19-14-25gms ♂	testis 11mm
<u>750717-19</u>	"	143-42-19-14-26gms ♂	testis 12mm
<u>750717-20</u>	<i>Eutamias</i>	201-85-31-16-50gms ♀	wt. normal

From the drier exposure caught fewer mammals than on E exposure under similar slope and vegetation. Left this trapline in position to test the activity of *Eutamias* during the day. The one caught above was one captured before 7:00 this morning before the sun arrived on slope. The canal inspector also reported seeing bear tracks in mud along canal but has never observed a bear in this area. They come off the mountain from the east, cross the canal and then cross divide. Deer are common. Canal constructed in about 1888 when Ft Collins recognized the need for water. The old building recently raised on E side of divide was used to house wagon connected with the maintenance and inspection of the canal. According to the inspector, man is going to take this water regardless of the environmental consequence resulting.

There appears to be more tree squirrels on the slope on the east side of the divide than on the west side although considerable midden activity on both slopes.

This divide area, at least during our stay, is characterized by an almost total lack of wind, when it rains it is heavy but of short duration and for the period of the cloud mass that passes over. Flowers are in great profusion and are of the early spring varieties that follow melting snowbanks and receding water levels and include buttercups, marsh marigolds, Indian paint brush. The Krumholz is approx. 1000' above the divide with dense stands of Engelmann spruce between. Mosquitoes are not numerous and in the field would be represented by 4 or 5 around the body at one time.

This evening set 50 traps just N of divide on W side of creek, the first 20 among willow in field, the rest among large Engelmann spruce on relatively flat terrain and associated with running water and marshy meadows.