

Libby Lake, 4 1/2 mi. E and 1 1/2 mi. S of outlet, Snowy Range, 10680 ft.,
Albany Co., Wyoming

July 31, 1971

Collected the following mammals from original trapline at 6:00 A.M.

	<u>710731-1</u>	<i>Phenacomys intermedius</i>	136-29-18-15-32 gms ♂ testis 9 mm
	<u>710731-2</u>	"	153-34-19-16-40 gms ♀ 1x3 plus scars
	<u>710731-3</u>	"	156-36-19-16-41 gms ♀ 6x2 emb 5 mm
	<u>710731-4</u>	"	101-22-17-12-12 gms ♂ testis 4.5 mm
	<u>710731-5</u>	"	99-22-17-12-12 gms ♀ ut. normal
SK. only	<u>710731-6</u>	"	98-23-17-12-11 gms ♀ ut normal
	<u>710731-7</u>	<i>Clethrionomys</i>	149-42-19-15-27 gms ♂ testis 12 mm
	<u>710731-8</u>	"	132-37-18-13-20 gms ♂ testis 10 mm
m. only	<u>710731-9</u>	<i>Peromyscus maniculatus</i>	148-61-20-15-16 gms ♂ testis 8 mm
m. only	<u>710731-10</u>	"	147-60-20-15-15 gms ♀ ut. normal
SK. only	<u>710731-11</u>	<i>Sorex</i>	95-35-11.5-7-3.5 gms ♂ test 5 mm.

The above mammals from trapline set July 29 and left in same position. In addition to usual birds observed a Hammond flycatcher. Pine siskins were feeding on surface of snow. The gophers have been extremely active under the snow of winter but at present are not very active with only occasionally a fresh pile of dirt. It is a general observation that gophers use overhead protection of snow masses for winter protection as most diggings are in areas just recently freed of snow. The most active gophers now are in areas of usual snow cover and not in areas of snow accumulation from wind. Winter snow cores vary in diameter and distribution, some long and linear while others with short tunnels radiating from central core of dirt. Some tunnels have followed along base of rocks and ledges, some along side of fallen trees where additional open space under logs have been used to place dirt. Smaller rocks & logs are crossed without deviation. Most cores are in open areas but some occasionally penetrate stands of spruce for short distances. Badger holes are frequently walled off by gophers. Erosional channels from gopher tunnels are common, some used by microtines. Did not see evidence of snow being brought to surface thru snow. One hole in snow (140 mm in diameter) may have been made by pine marten.

Libby Lake, Snowy Range, Albany Co., Wyoming
Aug 1, 1971

drove to Centennial for gas - 33 miles. This evening set 50 traps east of camp. Observed the 4 & 3 pointer deer on top of ridge. min temp this last night 39°F