

Lapponeus 510717-3; 102 *Lemmus truncatus* 510717-4 in damp swale among cotton-grass (*Eriophorum*), 1 foot high willows and in established runway; 130 *Calcarus lapponeus* 510717-5.

On return through wet meadows flushed family of ♂ and ♀ and 4 small ptarmigan about 150 mm long. The ♀ crawled along for 30' and then flew at about the same time the 4 young left the ground. The ♀ wheeled around and alighted in the vicinity of where the young ones alighted. At Koalak River on bare sands and newly inundated zones created by high wind observed one red-backed sandpiper (*Dunlin*) and 4 semipalmated sandpipers. They flew around together in one flock. This P.M. made census of fecal pellets of *Microstonyx* on the upland tundra of *Eriophorum* above the river valley. Count made of small quadrats 10 cm x 10 cm or 100 sq cm of area every 2 meters distance for 220 meters distance across the tundra. At each 2 meter interval chose the first open area between the individual hummocks of *Eriophorum* nearest the 2 meter mark. On this basis was randomized. The arrangement was like this



The number of pellets in each 100 sq. cm were counted and in no instance were counts made at entrances of winter nests or holes where there were great numbers. The pellets were those in areas away from nests and trails.

25	60	18	18	6	18	18
130	32	8	2	50	1	19
32	18	15	12	4	3	18
8	16	10	46	15	10	17
26	8	8	13	12	17	7
42	6	7	17	10	20	14
21	103	9	8	18	12	23
24	86	6	2	3	26	8
1	15	27	12	19	13	16
22	8	3	60	0	17	average of 20 (0-130)
24	7	36	30	8	20	
7	17	8	7	20	30	Area covered 220 meters at 2 meter intervals. In only one instance were there no pellets in a 10x10cm test plot.
12	12	18	80	17	40	
6	4	12	60	10	19	
10	6	4	40	15	27	
11	20	10	28	10	4	
44	26	10	19	8	12	