

Paradise Point, Perry Reservoir, Jefferson Co., Kansas

March 31, 1974
 min temp last night 50°F. Sky clear overhead and windy (from S). Temp last mite at 9:30 = 57°F.
 From trapline set yesterday (see mammals taken from same line in evening of yesterday) collected the following mammals:

	<u>740331-1</u>	<i>Synaptomys cooperi</i>	131-18-21-11-45 gms ♂	testis 7 mm.
	<u>740331-2</u>	"	148-19-19-11-56 gms ♀	3x2 emb. 9 mm
	<u>740331-3</u>	"	135-19-19-11-56 gms ♀	2x3 emb. 18 mm
	<u>740331-4</u>	"	134-20-20-11-45 gms ♀	2x3 emb. 8 mm
	<u>740331-5</u>	"	132-20-19-11-42 gms ♀	2x2 emb. 5 mm.
	<u>740331-6</u>	"	137-19-19-11-44 gms ♂	testis 6 mm
m. only.	<u>740331-7</u>	"	134-19-20-11-47 gms ♂	testis 7 mm
SK.ON.	<u>740331-8</u>	"	135-19-20-12-47 gms ♂	testis 7 mm
"	<u>740331-9</u>	"	140-21-20-11-45 gms ♂	testis 6 mm <u>left hind leg swollen</u>
	<u>740331-10</u>	"	[124]-[11]-20-11-44 gms ♂	testis 6 mm
	<u>740331-11</u>	"	123-18-19-11-46 gms ♀	ut. normal
	<u>740331-12</u>	"	136-17-20-11-42 gms ♂	testis 7 mm
	<u>740331-13</u>	"	138-20-20-12-49 gms ♂	testis 8 mm
	<u>740331-14</u>	"	141-19-20-11-56 gms ♀	3x2 plac. scars
	<u>740331-15</u>	"	115-17-19-9-27 gms ♀	ut. normal
	<u>740331-16</u>	"	118-18-20-10-28 gms ♂	testis 4 mm
m. only.	<u>740331-17</u>	"	93-17-18-10-12 gms ♀	ut. normal
	<u>740331-18</u>	"	132-18-21-11-46 gms ♂	testis 7 mm
	<u>740331-19</u>	"	134-19-20-11-48 gms ♂	testis 7 mm
	<u>740331-20</u>	"	137-19-19-11-45 gms ♀	2x2 emb. 6 mm
	<u>740331-21</u>	"	136-19-20-12-48 gms ♂	testis 7 mm
	<u>740331-22</u>	"	145-19-19-11-54 gms ♀	3x2 emb. 12 mm
	<u>740331-23</u>	"	116-17-19-9-27 gms ♀	ut. normal
	<u>740331-24</u>	"	92-18-19-10-27 gms ♀	ut. normal
	<u>740331-25</u>	"	119-18-20-10-27 gms ♀	ut. normal
	<u>740331-26</u>	"	133-19-20-11-47 gms ♂	testis 6 mm
SK.ON.	<u>740331-27</u>	<i>Microtus schroogaster</i>	140-29-18-11-41 gms ♂	testis 12 mm
SK.ON.	<u>740331-28</u>	<i>Reithrodontomys megalotis</i>	138-65-18-12-11 gms ♂	testis 5 mm
SK.ON.	<u>740331-29</u>	<i>Synaptomys cooperi</i>	115-16-19-10-26 gms ♂	testis 3 mm

The above 50 traps from which these specimens were taken were in an area supporting ^{sprinkled and} damp soils (below dam of pond). Grass adjacent mat to 8-10 inches and completely covering ground. many runway windows. Taller grass throughout grass cover. This damp area may be for retreating in hot periods of summer. It is believed that these are areas of refugia and from them the lemming dispersed under the more favorable periods. With the control of Perry area these mammals should become widespread and common wherever proper grass stands are maintained. Such habitats should be developed and maintained for *Synaptomys*. Cut field support microtus only at sites of hummocks of soils and along strips of grass missed by the grass cutter.