

This evening checked live traps and collected.

710501-7	<i>Synaptomys cooperi</i>	held captive until May 15, 1971 135-21-19.5-10-42 gms ♂ Testes 6 mm
710501-8	<i>Microtus ochrogaster</i>	138-29-19.5-11-27 gms ut. normal
710501-9	"	149-34-18.5-11-29 gms ♀ normal ut.

From a gopher trap set in alfalfa field collected:

SKU 710501-10	<i>Geomys bursarius mopusculus</i>	302-100-36-7-374 gms ♂ Testes 16 mm
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May 2, 1971

check trapline along fence line as above this A.M. as follows:

710502-1	<i>Synaptomys cooperi</i>	125-17-19-10-48 gms ♀ 2x1 emb 18 mm
710502-2	"	"
710502-3	"	" lab. animal killed May 15 125-18-19-8-27 gms ♀ 2x2 emb 16 mm
710502-4	"	" 122-20-20-9-26 gms ♂ Testes 6 mm
710502-5	"	" 128-18-19-10-35 gms ♀ (no emb; uterus in fat)
710502-6	<i>Microtus ochrogaster</i>	123-18-17-10-31 gms ♂ Testes 4 mm (lab fat)
710502-7	"	144-32-20-11-36 gms ♂ 12 mm testes
710502-8	"	155-38-20-11-35 gms ♂ 12 mm "
710502-9	"	146-36-20-11-39 gms ♂ 10 mm "
710502-10	<i>Reithrodontomys</i>	134-31-20-10-28 gms ♂ 9 mm "
710502-11	<i>Signadon hispidus</i>	261-101-32-19-106 gms ♂ 19 mm testes.
710502-12	<i>Signadon hispidus</i>	129-52-17-18-13 gms ♂ testes 7 mm

Birds in field and forested area to west are: Lincoln sparrow 1; cowbird 3; redwing 3; meadowlark 14; dickcissel 2; cardinal 4; grackles 4; bluebird 5; redbellied woodpecker 2; chickadee 2; Baltimore oriole 2; martin 8; bluejay 6; Carolina wren 1; myrtle warbler 2; downy 1; brown thrasher 6; catbird 2; goldfinch 8; robin 6; flicker 2; Harris sparrow 3; great horned owl 1; titmouse 1; chipping sparrow 2; bobwhite 2; fox squirrel 2; Rana pepiens.

This afternoon from the above trapline collected:

710502-12	<i>Microtus ochrogaster</i>	152-33-20-11-36 gms ♀ 3x4 plac. scars
710502-13	"	128-30-18-11-22 gms ♂ Testes 10 mm.

May 3, 1971

From above trapline this A.M. collected:

710503-1	<i>Synaptomys cooperi</i>	held captive until May 15, 1971 119-19-20-10-30 gms ♂ Testes 4, excess fat
710503-2	"	" lab. animal killed May 15 130-21-20-10-31 gms ♂ Testes 5, excess fat
710503-3	"	" 137-19-19.5-11-47 gms ♀ fat encasing uterus. extremely fat.
710503-4	<i>Microtus ochrogaster</i>	142-35-19-11-43 gms ♀ post parturition.
710503-5	<i>Signadon hispidus</i>	288-110-33-20-136 gms, ♂ Testes 20 mm

When this ♂ was placed in cage with a ♂ *Signadon* no 710502-11 the larger killed the smaller and consumed the area of the eye, head muscles of the neck & face of one side only but not the brain. a section of the gut was pulled out of body cavity but not eaten. Pulled this line of 12 live traps this A.M. From this line which was set continuously from evening of April 29 to morning of May 3 and examined each day at 8:00 A.M. and 6:00 P.M. Collected.

<i>Blarina brevicauda</i>	2
<i>Microtus ochrogaster</i>	15
<i>Synaptomys cooperi</i>	14
<i>Cryptotis</i>	1
<i>Reithrodontomys megalotis</i>	1
<i>Signadon hispidus</i>	2

TOTAL 34

These were all from a single runway along fence with traps set 70 feet apart (840 linear feet) Turnpike grass to N + cut grass field to S.