

Dragging Y Conservation Easement

2006 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Golden Mantled Ground Squirrel

Findings

- 9 Major habitats Surveyed (Table 1)
- 203 Captures, 16 Species (Table 2 and 3)
- 22 Species Observed (Table 4)

Table 1. Trapping Location and Habitat Type

Location #	Name	Habitat
1	Line 1	Riparian
2	Line 2	Big Sagebrush
3	Line 3	Sagebrush
4	Line 4	Grassland
5	Line 5	Boggy Creek
6	Line 6	Aspen
7	Line 7	Grassland
8	Line 8	Mixed Conifer
9	Line 9	Mixed Conifer
10	Line 10	High Elevation Sagebrush
11	Line 11	Mature Lodgepole Pine
12	Line 12	New Growth Lodgepole



Columbia Spotted Frog

Table 2. Captures Summary

Species Captured		Trapline												Total
Latin Name	Common Name	1	2	3	4	5	6	7	8	9	10	11	12	
<i>Poocetes Gramineus</i>	Vesper Sparrow			1	2									3
<i>Sorex Cinereus</i>	Masked Shrew	1							1					2
<i>Sorex Monticolus</i>	Montane Shrew						2	1						3
<i>Sorex Merriami</i>	Merriam's Shrew			2										2
<i>Tamias Minimus</i>	Least Chipmunk	1								3			4	8
<i>Tamias Amoenus</i>	Yellow-pine Chipmunk								1	5			3	9
<i>Spermophilus Armatus</i>	Uinta Ground Squirrel		2		3									5
<i>Spermophilus Lateralis</i>	Golden-mantled Ground Squirrel									4		3	3	10
<i>Thomomys Talpoides</i>	Northern Pocket Gopher					2	1	1						4
<i>Peromyscus Maniculatus</i>	Deer Mouse	28	16	5	14	2	10		7	6	7	6	10	111
<i>Microtus Pennsylvanicus</i>	Meadow Vole		2			2	3							7
<i>Microtus Montanus</i>	Montane Vole	3				6		13		1			1	24
<i>Lagurus Curtatus</i>	Sagebrush Vole		1						1		1		1	4
<i>Zapus Princeps</i>	Western Jumping Mouse	7					2							9
<i>Mustela Erminea</i>	Ermine												1	1
<i>Mustela Frenata</i>	Long-tailed Weasel	1												1
Total Captures		41	21	8	19	12	18	15	10	19	8	9	23	203

Table 3. Trapline Summary

Trap Type	Trapline												Total Trap Nights	Total Captures	Captures/100 Trap Nights	Number of Species
	1	2	3	4	5	6	7	8	9	10	11	12				
Snap, small (victor)	46	44	40	30	23	36	50	48	38	45	40	45	485	24	4.9	4
Snap, med (museum special)	29	39	42	26	17	25	35	42	37	36	36	39	403	64	15.9	8
Snap, large (rat)	10	9	9	8	6	8	10	10	9	9	10	7	105	9	8.6	4
Cage, small (sherman)	47	50	49	50	30	45	45	50	47	50	50	44	557	48	8.6	7
Cage, med (skunk)	10	10	10	10	8	10	10	10	9	7	9	7	110	7	6.4	2
Pitfall	25	25	25	23	23	23	24	23	24	25	25	25	290	51	17.6	10
Total Trap Nights	167	177	175	147	107	147	174	183	164	172	170	167	1950			
Total Captures	41	21	8	19	12	18	15	10	19	8	9	23				
Captures/100 Trap Nights	24.6	11.9	4.57	12.9	11.2	12.2	8.62	5.46	11.6	4.65	5.29	13.8				
Number of Species	6	4	3	3	4	5	3	4	5	2	2	7				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
<i>Anas Crecca</i>	Green-winged Teal
<i>Buteo Jamaicensis</i>	Red-tailed Hawk
<i>Grus Canadensis</i>	Sandhill Crane
<i>Chordeiles Minor</i>	Common Nighthawk
<i>Sphyrapicus Nuchalis</i>	Red-naped Sapsucker
<i>Colaptes Auratus</i>	Northern Flicker
<i>Eremophila Alpestris</i>	Horned Lark
<i>Pica Hudsonia</i>	Black-billed Magpie
<i>Corvus Corax</i>	Common Raven
<i>Poecile Atricapilla</i>	Black-capped Chickadee
<i>Poecile Gambeli</i>	Mountain Chickadee
<i>Sialia Currucoides</i>	Mountain Bluebird
<i>Pooecetes Gramineus</i>	Vesper Sparrow
<i>Agelaius Phoeniceus</i>	Red-winged Blackbird
<i>Sturnella Neglecta</i>	Western Meadowlark
<i>Euphagus Cyanocephalus</i>	Brewer's Blackbird
<i>Lepus Townsendii</i>	White-tailed Jack Rabbit
<i>Taxidea Taxus</i>	American Badger
<i>Cervus Elaphus</i>	Elk
<i>Odocoileus Hemionus</i>	Mule Deer
<i>Alces Alces</i>	Moose
<i>Antilocapra Americana</i>	Pronghorn



Elk

Trapline Photos



Trapline 1



Trapline 2



Trapline 3



Trapline 4



Trapline 5



Trapline 6



Trapline 7



Trapline 8



Trapline 9



Trapline 10



Trapline 11



Trapline 12



Trapline 13: No photo available.

Photo Credits: MFWP staff unless otherwise noted

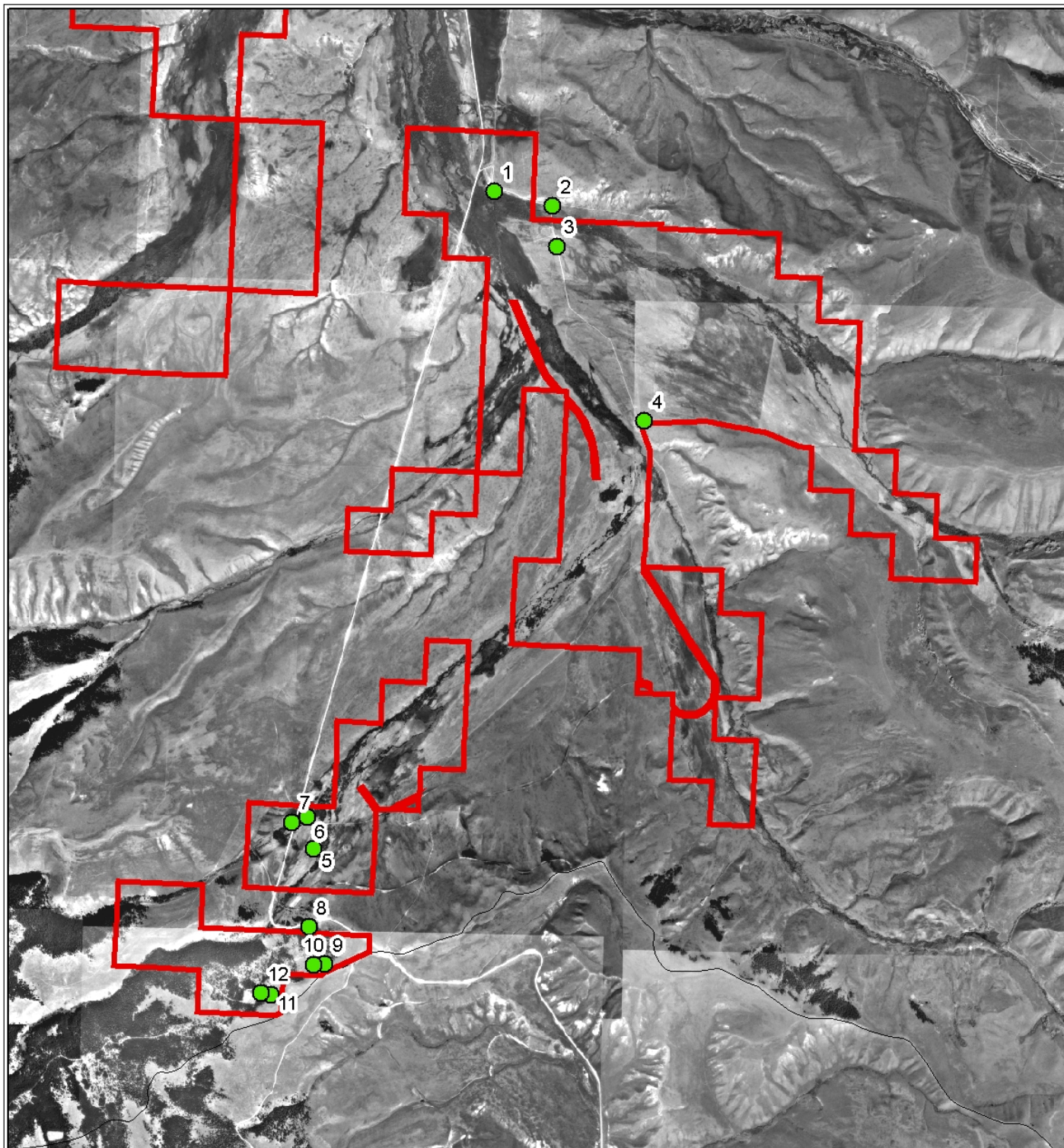


Figure 1: **Dragging Y Conservation Easement**

● Trapping locations



**Montana Fish,
Wildlife & Parks**



0 0.5 1 2 Miles

