Sun River WMA

2005 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Findings

- **6 Major habitats Surveyed (Table 1)**
- **114 Captures, 15 Species (Table 2 and 3)**
- **31 Species Observed (Table 4)**

Table 1. Trapline Location and Habitat Type

Location #	Name	Habitat
1	Line 1	Upland grassland
2	Line 2	Upland grassland
3	Line 3	Coniferous forest
4	Line 4	Riparian
5	Line 5	Talus shrub
6	Line 6	Deciduous forest
7	Line 7	Rocky outcrop/talus
8	Line 8	Coniferous
9	Line 9	Decidous
10	Line 10	Riparian
11	Camera	
12	Large livetrap	
13	Large livetrap	
14	Funnel traps	

Red Squirrel

Table 2. Captures Summary

Species Captured		Trapline														
Latin Name	Common Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	**Totals**
Troglodytes Troglodytes	Winter Wren						1									1
Geothlypis Trichas	Common Yellowthroat						1									1
Sorex Cinereus	Masked Shrew						1		1							2
Sorex Monticolus	Montane Shrew						1		1	2						4
Sorex Palustris	Water Shrew				1											1
Tamias Amoenus	Yellow-pine Chipmunk							1								1
Spermophilus Richardsonii	Richardson's Ground Squirrel	7	1													8
Peromyscus Maniculatus	Deer Mouse	5	12	2	3	14	13	8	3	2	5					67
Neotoma Cinerea	Bushy-tailed Woodrat					2										2
Microtus Pennsylvanicus	Meadow Vole									1	1					2
Microtus Longicaudus	Long-tailed Vole			1												1
Lagurus Curtatus	Sagebrush Vole	1														1
Zapus Princeps	Western Jumping Mouse				6		13		1							20
Ursus Americanus	Black Bear											1				1
Mephitis Mephitis	Striped Skunk	1											1			2
otal Captures		14	13	3	10	16	30	9	6	5	6	1	1	0	0	114

Table 3. Trapline Summary

	Trapline																	
Trap Type	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**Total Trap Nights**	**Total Captures**	**Captures/100 Trap Nights**	**Number of Species**
Snap, small (victor)	50	55	48	46	30	45	47	49	47	50	0	0	0	0	467	15	3.2	6
Snap, med (museum special)	45	53	46	43	28	45	46	46	44	45	0	0	0	0	441	50	11.3	3
Snap, large (rat)	11	12	10	10	9	10	10	10	10	10	0	0	0	0	102	1	1.0	1
Cage, small (sherman)	57	58	48	49	43	49	47	48	48	50	0	0	0	0	497	28	5.6	5
Cage, med (skunk)	12	12	10	10	6	10	10	10	10	10	0	0	0	0	100	0	0.0	0
Cage, large	0	0	0	0	0	0	0	0	0	0	0	10	5	0	15	2	13.3	1
Pitfall	30	30	25	25	0	25	5	24	25	25	0	0	0	0	214	17	7.9	6
Funnel Trap	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0.0	0
Camera	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	1	10	1
Total Trap Nights	205	220	187	183	116	184	165	187	184	190	10	10	5	20	1866			
Total Captures	14	13	3	10	16	30	9	6	5	6	1	1	0	0				
Captures/100 Trap Nights	6.8	5.9	1.6	5.5	13.8	16.3	5.5	3.2	2.7	3.2	10.0	10.0	0.0	0.0				
Number of Species	4	2	2	3	2	6	2	4	3	2	1	1	0	0				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
Pseudacris triseriata	Western Chorus Frog
Anas platyrhynchos	Mallard
Cathartes aura	Turkey Vulture
Haliaeetus leucocephalus	Bald Eagle
Circus cyaneus	Northern Harrier
Charadrius vociferus	Killdeer
Numenius americanus	Long-billed Curlew
Chordeiles minor	Common Nighthawk
Colaptes auratus	Northern Flicker
Tyrannus tyrannus	Eastern Kingbird
Tachycineta bicolor	Tree Swallow
Hirundo rustica	Barn Swallow
Pica hudsonia	Black-billed Magpie
Corvus brachyrhynchos	American Crow
Poecile atricapilla	Black-capped Chickadee
Sitta carolinensis	White-breasted Nuthatch
Sialia currucoides	Mountain Bluebird
Turdus migratorius	American Robin
Dumetella carolinensis	Gray Catbird
Pooecetes gramineus	Vesper Sparrow
Agelaius phoeniceus	Red-winged Blackbird
Sturnella neglecta	Western Meadowlark
Euphagus cyanocephalus	Brewer's Blackbird
Molothrus ater	Brown-headed Cowbird
Carduelis tristis	American Goldfinch
Sylvilagus nuttallii	Mountain Cottontail
Tamiasciurus Hudsonicus	Red Squirrel
Canis latrans	Coyote
Odocoileus hemionus	Mule Deer
Antilocapra americana	Pronghorn
Thamnophis sirtalis	Common Garter Snake

Common Garter Snake

Trapline Photos

Trapline 1

Trapline 2

Trapline 3

Trapline 4

Trapline 5

Trapline 6

Trapline 7

Trapline 8

Trapline 9

Trapline 10

Photo credits: MFWP staff unless otherwise noted.

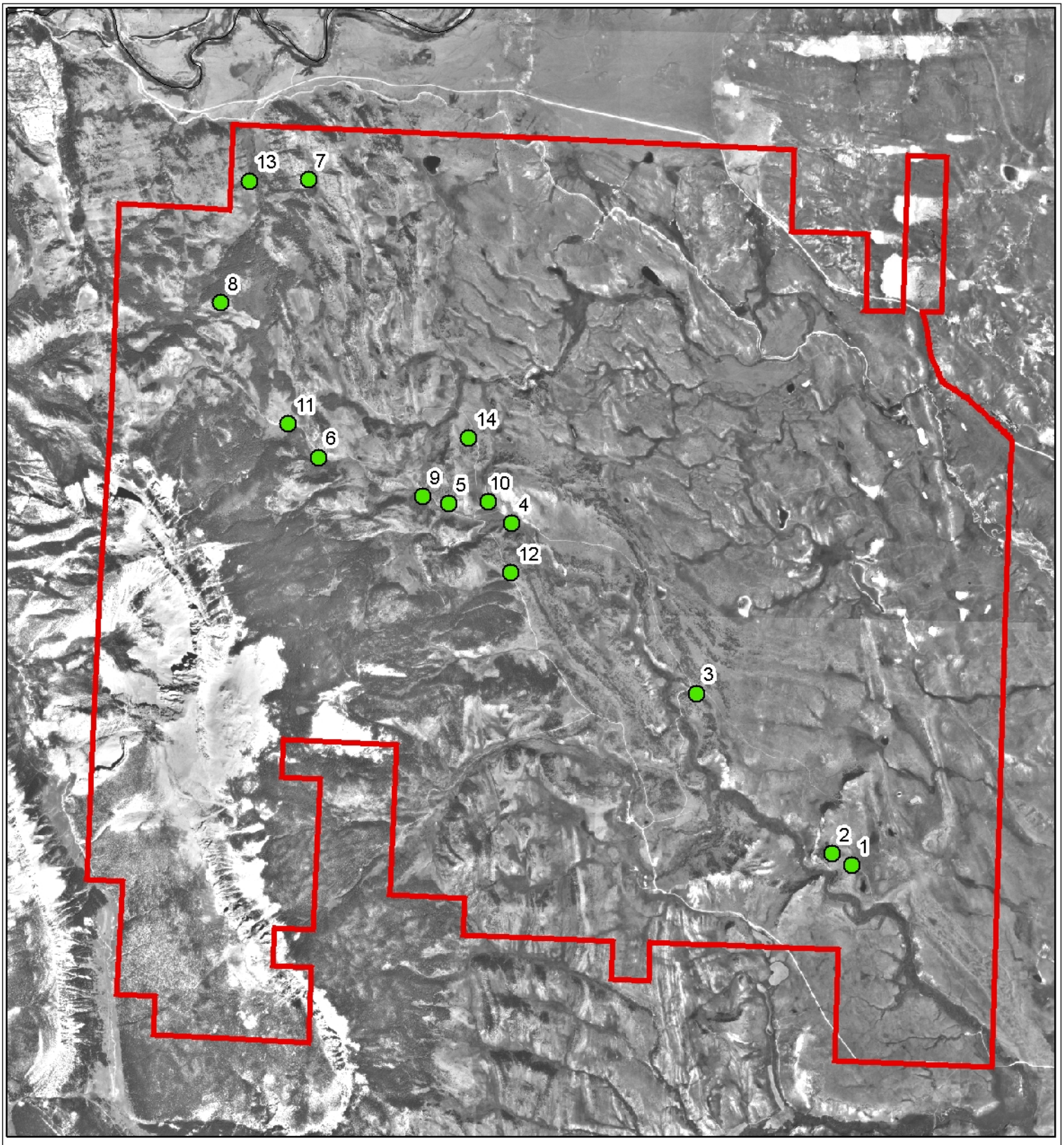

Figure 1: **Sun River Wildlife Management Area**

Trapping locations

Montana Fish, Wildlife & Parks

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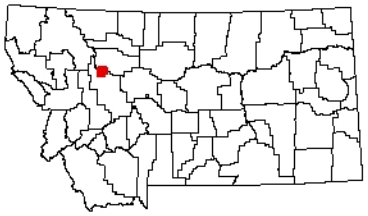
0 0.5 1 Miles



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