Smith River Wildlife Management Area

2005 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Findings

- **8 Major habitats Surveyed (Table 1)**
- **199 Captures, 13 Species (Table 2 and 3)**
- **27 Species Observed (Table 4)**

Table 1. Trapline Location and Habitat Type

Location #	Name	Habitat
1	Line 1	Decidous
2	Line 2	Coniferous
3	Line 3	Grassland
4	Line 4	Riparian/shrubland
5	Line 5	Riparian
6	Line 6	Moist grassland
7	Line 7	Juniper
8	Line 8	Coniferous
9	Line 9	Sage
10	Line 10	Sage
11	Line 11	Rocky slope
12	Line 12	Coniferous/gully

Yellow-pine Chipmunk

Table 2. Captures Summary

Species Captured		Trapline												
Latin Name	**Common Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Totals**
Troglodytes aedon	House Wren						1							1
Sorex cinereus	Masked Shrew				2	1	1							4
Sorex monticolus	Montane Shrew				2			1						3
Myotis ciliolabrum	Western Small-footed Myotis	1												1
Tamias minimus	Least Chipmunk	2	1				3							6
Tamias amoenus	Yellow-pine Chipmunk	6		1	1		2	8	4			12		34
Tamiasciurus hudsonicus	Red Squirrel		1											1
Peromyscus maniculatus	Deer Mouse	4	7	12	4		9	17	11	7	15	18	2	106
Peromyscus leucopus	White-footed Mouse								1					1
Microtus pennsylvanicus	Meadow Vole				10	10	5	2						27
Microtus montanus	Montane Vole									1				1
Microtus longicaudus	Long-tailed Vole			2	3									5
Zapus princeps	Western Jumping Mouse					1	8							9
Total Captures		13	9	15	22	12	29	28	16	8	15	30	2	199

Table 3. Trapline Summary

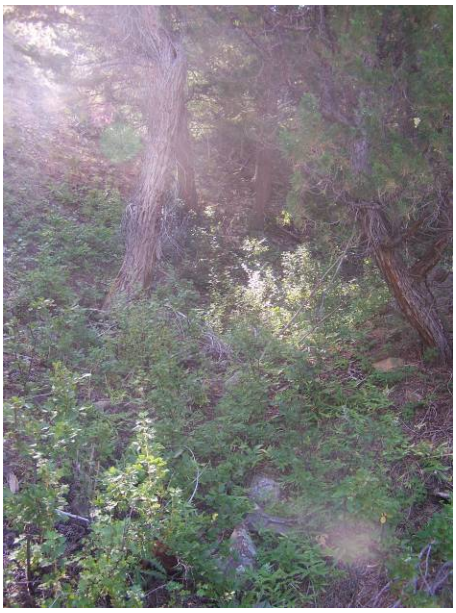
	Trapline															
Trap Type	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**Total Trap Nights**	**Total Captures**	**Captures/100 Trap Nights**	**Number of Species**
Snap, small (victor)	41	49	45	56	46	46	37	52	55	49	27	29	532	24	4.5	5
Snap, med (museum special)	36	49	30	40	33	32	31	35	50	48	19	26	429	78	18.2	10
Snap, large (rat)	10	10	10	10	10	10	9	10	12	10	6	6	113	4	3.5	2
Cage, small (sherman)	49	49	45	37	49	50	50	59	57	49	28	30	552	68	12.3	7
Cage, med (skunk)	10	10	9	10	8	9	9	10	12	10	6	6	109	0	0.0	0
Cage, large	4	0	0	0	0	0	0	3	3	0	0	0	10	0	0.0	0
Pitfall	25	25	25	25	25	25	25	30	30	25	15	15	290	24	8.3	6
Funnel Trap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Camera	0	0	0	2	0	0	2	0	0	0	0	0	4	0	0.0	0
Total Trap Nights	179	192	164	180	171	172	163	199	219	191	101	112	2043			
Total Captures	13	9	15	22	12	29	28	16	8	15	30	2				
Captures/100 Trap Nights	7.3	4.7	9.1	12.2	7.0	16.9	17.2	8.0	3.7	7.9	29.7	1.8				
Number of Species	4	3	3	6	3	7	4	3	2	1	2	1				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
Ardea herodias	Great Blue Heron
Haliaeetus leucocephalus	Bald Eagle
Buteo jamaicensis	Red-tailed Hawk
Buteo regalis	Ferruginous Hawk
Bonasa umbellus	Ruffed Grouse
Numenius americanus	Long-billed Curlew
Zenaida macroura	Mourning Dove
Colaptes auratus	Northern Flicker
Nucifraga columbiana	Clark's Nutcracker
Pica hudsonia	Black-billed Magpie
Corvus brachyrhynchos	American Crow
Poecile atricapilla	Black-capped Chickadee
Poecile gambeli	Mountain Chickadee
Sitta canadensis	Red-breasted Nuthatch
Sialia currucoides	Mountain Bluebird
Turdus migratorius	American Robin
Dumetella carolinensis	Gray Catbird
Pooecetes gramineus	Vesper Sparrow
Euphagus cyanocephalus	Brewer's Blackbird
Sylvilagus nuttallii	Mountain Cottontail
Spermophilus columbianus	Columbian Ground Squirrel
Tamiasciurus hudsonicus	Red Squirrel
Erethizon dorsatum	Common Porcupine
Canis latrans	Coyote
Odocoileus hemionus	Mule Deer
Antilocapra americana	Pronghorn
Thamnophis elegans	Western Terrestrial Garter Snake

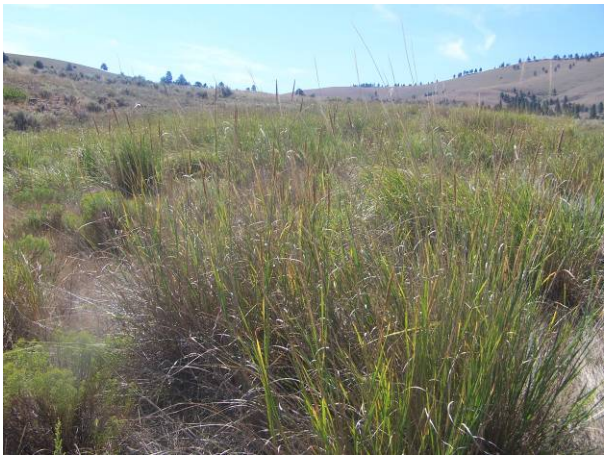
Western Small-footed Myotis

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

Photo Credits: MFWP staff unless otherwise noted.

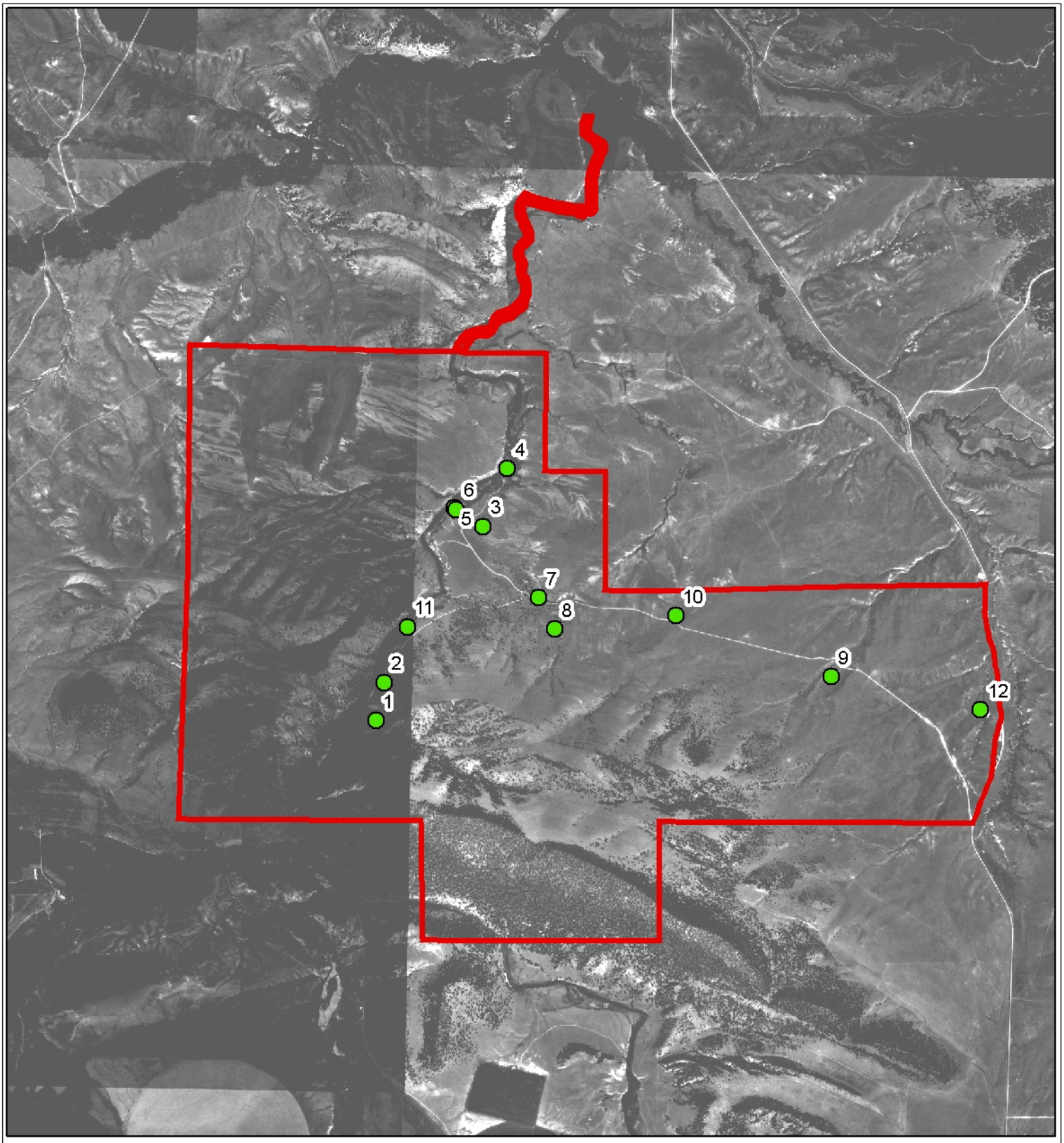


Figure 1: **Smith River Wildlife Management Area**

Trapping locations

Montana Fish, Wildlife & Parks

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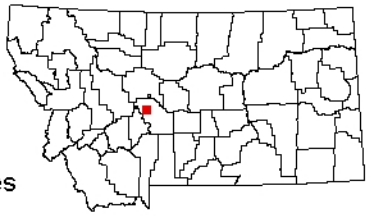
0 0.5 Miles



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