Mount Haggin Wildlife Management Area

2006 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
Steve Carson, Ashley Beyer, and Tara Hodges
August 14-20, 2006

Findings

- **<u>10</u> Major habitats Surveyed (Table 1)**
- **<u>141</u> Captures, <u>16</u> Species (Table 2 and 3)**
- **<u>22</u> Species Observed (Table 4)**

Table 1. Trapping Location and Habitat Type

Location #	Name	Habitat
1	Line 1	Low Elevation Willow
2	Line 2	Low Elevation Grassland
3	Line 3	Low Elevation Timber
4	Line 4	Joyner Gulch Aspen
5	Line 5	Joyner Gulch Grassland
6	Line 6	Mid Elevation Aspen
7	Line 7	Mid Elevation Willow
8	Line 8	Mid Elevation Timber
9	Line 9	High Elevation Aspen
10	Line 10	High Elevation Timber

Long-toed Salamander

Table 2. Captures Summary

Species Captured		Trapline										
Latin Name	**Common Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Total**
Ambystoma Macrodactylum	Long-toed Salamander	1										1
Rana Luteiventris	Columbia Spotted Frog				2						1	3
Perisoreus Canadensis	Gray Jay						1		1			2
Sorex Cinereus	Masked Shrew	2	1		6	2		10	1	1		23
Sorex Vagrans	Vagrant Shrew	10			3			7		3	1	24
Sorex Monticolus	Montane Shrew				3			1	1			5
Sorex Palustris	Water Shrew	2										2
Tamias Amoenus	Yellow-pine Chipmunk			2			2				2	6
Tamias Ruficaudus	Red-tailed Chipmunk						4					4
Spermophilus Lateralis	Golden-mantled Ground Squirrel						2					2
Tamiasciurus Hudsonicus	Red Squirrel					1					1	2
Peromyscus Maniculatus	Deer Mouse		15	1	2	12	7		3	1	5	46
Neotoma Cinerea	Bushy-tailed Woodrat								1			1
Microtus Pennsylvanicus	Meadow Vole	4						4		2		10
Microtus Montanus	Montane Vole					2		1				3
Zapus Princeps	Western Jumping Mouse				6	1						7
Total Captures		19	16	3	22	18	16	23	7	7	10	141

Table 3. Trapline Summary

	Trapline													
Trap Type	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Total Trap Nights**	**Total Captures**	**Captures/100 Trap Nights**	**Number of Species**
Snap, small (victor)	43	35	43	34	41	42	44	39	41	40	402	21	5.2	8
Snap, med (museum special)	38	34	40	24	39	42	40	39	40	33	369	50	13.6	9
Snap, large (rat)	9	8	9	8	9	10	8	9	9	9	88	1	1.1	1
Cage, small (sherman)	50	46	44	49	49	46	48	48	49	48	477	25	5.2	7
Cage, med (skunk)	10	9	9	10	10	9	10	9	10	10	96	2	2.1	1
Pitfall	25	24	25	25	25	25	25	25	25	25	249	39	15.7	7
Funnel Trap	4	0	4	4	0	0	0	0	0	0	12	3	25.0	3
Total Trap Nights	179	156	174	154	173	174	175	169	174	165	1693			
Total Captures	19	16	3	22	18	16	23	7	7	10				
Captures/100 Trap Nights	10.6	10.3	1.72	14.3	10.4	9.2	13.1	4.14	4.02	6.06				
Number of Species	5	2	2	6	5	5	5	5	4	5				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
Rana Luteiventris	Columbia Spotted Frog
Anas Crecca	Green-winged Teal
Falco Sparverius	American Kestrel
Grus Canadensis	Sandhill Crane
Actitis Macularia	Spotted Sandpiper
Zenaida Macroura	Mourning Dove
Ceryle Alcyon	Belted Kingfisher
Sphyrapicus Thyroideus	Williamson's Sapsucker
Colaptes Auratus	Northern Flicker
Nucifraga Columbiana	Clark's Nutcracker
Poecile Atricapilla	Black-capped Chickadee
Poecile Gambeli	Mountain Chickadee
Turdus Migratorius	American Robin
Bombycilla Cedrorum	Cedar Waxwing
Junco Hyemalis	Dark-eyed Junco
Molothrus Ater	Brown-headed Cowbird
Tamias Minimus	Least Chipmunk
Thomomys Talpoides	Northern Pocket Gopher
Castor Canadensis	American Beaver
Odocoileus Hemionus	Mule Deer
Alces Alces	Moose
Thamnophis Sirtalis	Common Garter Snake

Spotted Frog Tadpoles

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.

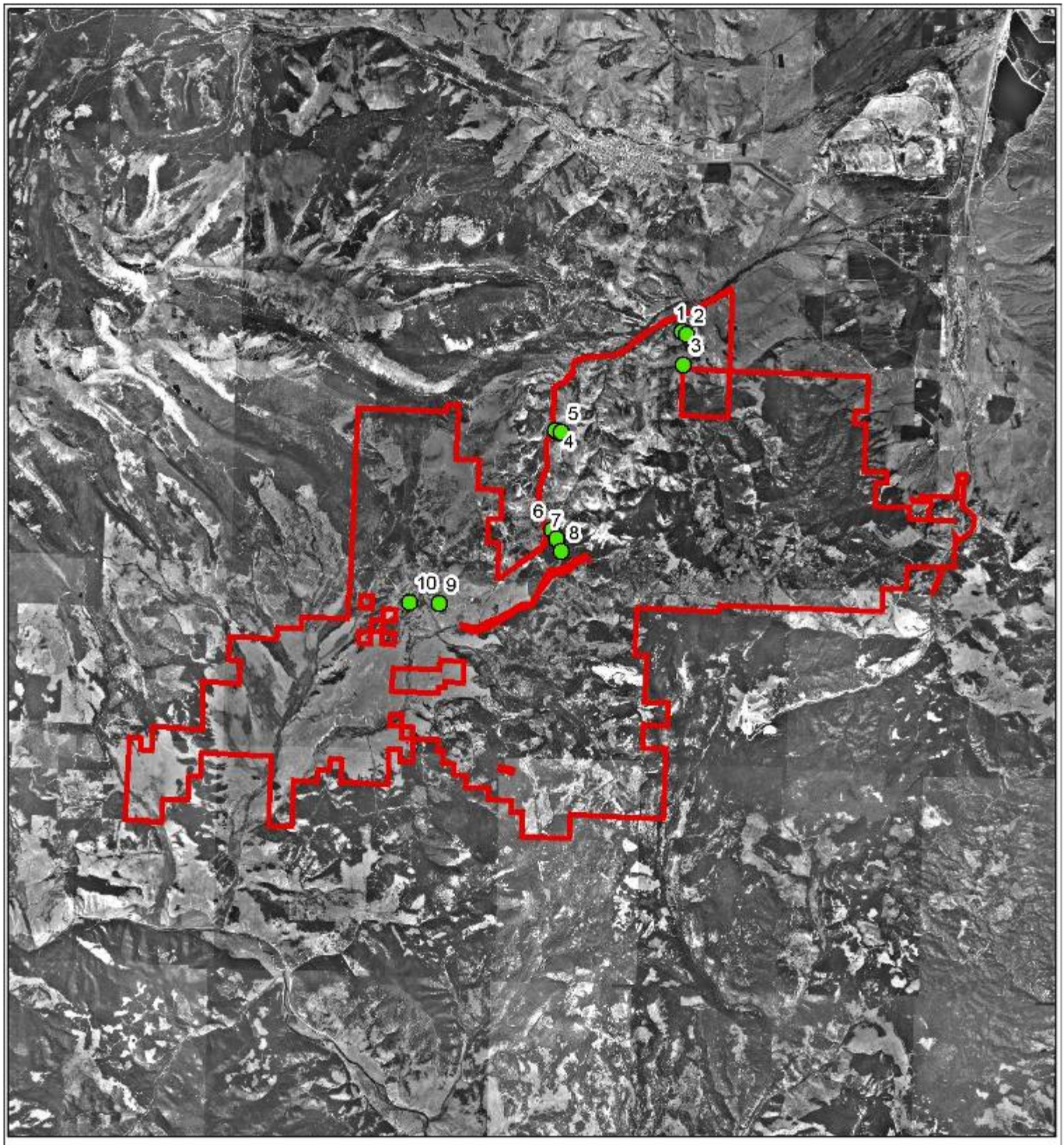

Figure 1: **Mt. Haggin Wildlife Management Area**

Trapping locations

Montana Fish, Wildlife & Parks

N

0 0.5 1 2 3 4 5 6 Miles

9/2006 SJC W:\Wildlife\SWIG_PROJECTS\SmallMammalSurveys\Project_data