

Ray Kuhns Wildlife Management Area

2006 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
Steve Carson, Hillary Welsh and Brandy Murray
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Findings

- 5 Major habitats Surveyed (Table 1)
- 88 Captures, 10 Species (Table 2 and 3)
- 45 Species Observed (Table 4)

Table 1. Trapline Location and Habitat Type
Survey Site: Ray Kuhns WMA

Location #	Name	Habitat
1	Line 1/Bowser Lake	Riparian area of alkaline lake
2	Line 2/Bowser Lake	Riparian area of alkaline lake
3	Line 3	Tall grass meadow with scattered ponderosa pine
4	Line 4	Tall grass meadow with scattered ponderosa pine
5	Line 5	Shrubby understory of old growth coniferous forest
6	Line 6	Shrubby understory of old growth coniferous forest
7	Line 7	Short grass/shrub understory of coniferous forest
8	Line 8	Short grass/shrub understory of coniferous forest
9	Line 9	Steep riparian/stream edge with grass/decaying log
10	Line 10	Steep riparian/stream edge with grass/decaying log



Great Horned Owl

Table 2. Captures Summary

Species Captured		Trapline										Total Captures
Latin Name	Common Name	1	2	3	4	5	6	7	8	9	10	
<i>Junco Hyemalis</i>	Dark-eyed Junco									1		1
<i>Sorex Cinereus</i>	Masked Shrew							2				2
<i>Sorex Vagrans</i>	Vagrant Shrew				1						1	2
<i>Sorex Monticolus</i>	Montane Shrew				1							1
<i>Tamias Amoenus</i>	Yellow-pine Chipmunk				5	3	1	6	2			17
<i>Spermophilus Columbianus</i>	Columbian Ground Squirrel	2	3				1					6
<i>Thomomys Talpoides</i>	Northern Pocket Gopher			1								1
<i>Peromyscus Maniculatus</i>	Deer Mouse		1	1	3	6	9			1	2	23
<i>Microtus Pennsylvanicus</i>	Meadow Vole		2	19	10		1		1			33
<i>Mephitis Mephitis</i>	Striped Skunk				2							2
Total Captures		2	6	21	22	9	12	8	3	2	3	88

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				
Snap, small (victor)	47	52	42	38	38	40	38	42	40	39	416	18	4.3	7
Snap, med (museum special)	33	39	27	24	39	37	33	31	36	30	329	33	10.0	4
Snap, large (rat)	9	10	9	10	10	10	10	8	9	10	95	0	0.0	0
Cage, small (sherman)	49	49	42	47	48	44	41	46	45	46	457	23	5.0	3
Cage, med (skunk)	8	10	10	10	9	9	10	9	10	9	94	8	8.5	2
Pitfall	22	25	25	24	25	25	25	25	24	25	245	6	2.4	3
Mistnet	2	0	0	0	0	0	0	0	0	0	2	0	0.0	0
Total Trap Nights	170	185	155	153	169	165	157	161	164	159	1638			
Total Captures	2	6	21	22	9	12	8	3	2	3				
Captures/100 Trap Nights	1.2	3.2	13.5	14.4	5.3	7.3	5.1	1.9	1.2	1.9				
Number of Species	1	3	3	6	2	4	2	2	2	2				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
<i>Ardea Herodias</i>	Great Blue Heron
<i>Branta Canadensis</i>	Canada Goose
<i>Lophodytes Cucullatus</i>	Hooded Merganser
<i>Mergus Merganser</i>	Common Merganser
<i>Cathartes Aura</i>	Turkey Vulture
<i>Haliaeetus Leucocephalus</i>	Bald Eagle
<i>Buteo Jamaicensis</i>	Red-tailed Hawk
<i>Grus Canadensis</i>	Sandhill Crane
<i>Charadrius Vociferus</i>	Killdeer
<i>Sphyrapicus Nuchalis</i>	Red-naped Sapsucker
<i>Picoides Pubescens</i>	Downy Woodpecker
<i>Picoides Villosus</i>	Hairy Woodpecker
<i>Colaptes Auratus</i>	Northern Flicker
<i>Contopus Sordidulus</i>	Western Wood-pewee
<i>Empidonax Traillii</i>	Willow Flycatcher
<i>Tyrannus Tyrannus</i>	Eastern Kingbird
<i>Tachycineta Thalassina</i>	Violet-green Swallow
<i>Stelgidopteryx Serripennis</i>	Northern Rough-winged Swallow
<i>Riparia Riparia</i>	Bank Swallow
<i>Petrochelidon Pyrrhonota</i>	Cliff Swallow
<i>Hirundo Rustica</i>	Barn Swallow
<i>Perisoreus Canadensis</i>	Gray Jay
<i>Corvus Brachyrhynchos</i>	American Crow
<i>Corvus Corax</i>	Common Raven
<i>Poecile Atricapilla</i>	Black-capped Chickadee
<i>Poecile Gambeli</i>	Mountain Chickadee
<i>Regulus Calendula</i>	Ruby-crowned Kinglet
<i>Sialia Currucoides</i>	Mountain Bluebird
<i>Catharus Ustulatus</i>	Swainson's Thrush
<i>Turdus Migratorius</i>	American Robin
<i>Dumetella Carolinensis</i>	Gray Catbird
<i>Bombycilla Cedrorum</i>	Cedar Waxwing
<i>Spizella Passerina</i>	Chipping Sparrow
<i>Pooecetes Gramineus</i>	Vesper Sparrow
<i>Melospiza Melodia</i>	Song Sparrow
<i>Zonotrichia Leucophrys</i>	White-crowned Sparrow
<i>Junco Hyemalis</i>	Dark-eyed Junco
<i>Molothrus Ater</i>	Brown-headed Cowbird
<i>Carduelis Pinus</i>	Pine Siskin
<i>Tamiasciurus Hudsonicus</i>	Red Squirrel
<i>Castor Canadensis</i>	American Beaver
<i>Neotoma Cinerea</i>	Bushy-tailed Woodrat
<i>Ondatra Zibethicus</i>	Muskrat
<i>Odocoileus Virginianus</i>	White-tailed Deer
<i>Alces Alces</i>	Moose

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.](#)

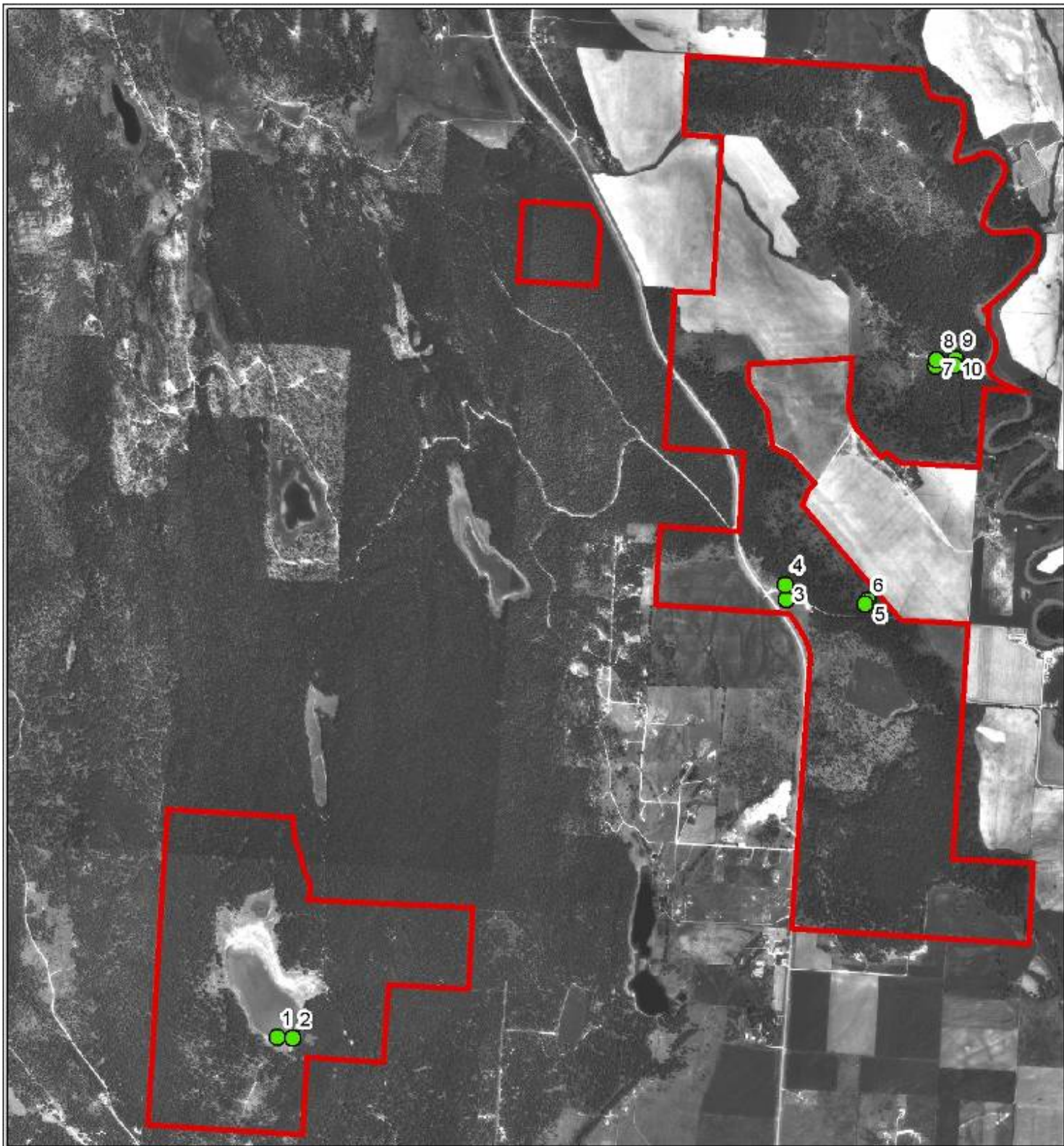


Figure 1: **Ray Kuhns Wildlife Management Area**

● Trapping locations



**Montana Fish,
Wildlife & Parks**



0 0.5 1 Miles

