Gravelly-Blacktail Wildlife Management Area

2006 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Findings

- **<u>10</u> Major habitats Surveyed (Table 1)**
- **<u>239</u> Captures, <u>15</u> Species (Table 2 and 3)**
- **<u>29</u> Species Observed (Table 4)**

Table 1. Trapping Location and Habitat Type

Location #	Name	Habitat
1	Line 1	Riparian
2	Line 2	Grassland
3	Line 3	Willow Marsh
4	Line 4	Grass/Sagebrush Slope
5	Line 5	Grass Coulee
6	Line 6	Shrub Side Hill
7	Line7	Sagebrush
8	Line 8	Sagebrush/rosebush
9	Line 9	Aspen/Creek
10	Line 10	Aspen/Creek
11	Line 11	Sagebrush
12	Line 12	Marsh Grass
13	Line 13	Sandy Bank

Sandhill Cranes

Table 2. Captures Summary

Species Captured		Trapline													
Latin Name	**Common Name**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**Total**
Sorex Cinereus	Masked Shrew			1		1	2	1		4		1			10
Sorex Preblei	Preble's Shrew					1									1
Sorex Vagrans	Vagrant Shrew					1	4	1	2	1	1				10
Sorex Monticolus	Montane Shrew	1				1			2	4	2				10
Sylvilagus Nuttallii	Mountain Cottontail			1										1	2
Tamias Amoenus	Yellow-pine Chipmunk										1				1
Spermophilus Armatus	Uinta Ground Squirrel							2							2
Spermophilus Columbianus	Columbian Ground Squirrel							2				3			5
Thomomys Talpoides	Northern Pocket Gopher							1							1
Peromyscus Maniculatus	Deer Mouse	6	6	5	18	1	2	1	9	12	6	5		7	78
Microtus Pennsylvanicus	Meadow Vole	4		22		2			1	9	3		5		46
Microtus Montanus	Montane Vole									1	2		1		4
Microtus Longicaudus	Long-tailed Vole									4	1				5
Lagurus Curtatus	Sagebrush Vole				2	1									3
Zapus Princeps	Western Jumping Mouse	6				1	1	10		18	25				61
Total Captures		17	6	29	20	9	9	18	14	53	41	9	6	8	239

Table 3. Trapline Summary

	Trapline																
Trap Type	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**Total Trap Nights**	**Total Captures**	**Captures/100 Trap Nights**	**Number of Species**
Snap, small (victor)	43	49	43	48	50	49	44	48	43	42	41	50	20	570	47	8.2	9
Snap, med (museum special)	40	45	39	41	41	46	43	43	40	40	48	47	9	522	107	20.5	7
Snap, large (rat)	10	10	10	10	10	10	9	10	10	10	10	10	6	125	5	4.0	4
Cage, small (sherman)	47	48	49	50	50	49	49	50	48	45	47	50	20	602	26	4.3	5
Cage, med (skunk)	9	7	10	10	9	10	10	10	10	10	10	10	4	119	7	5.9	3
Pitfall	25	25	25	25	25	25	25	25	25	25	24	25	10	309	47	15.2	10
Total Trap Nights	174	184	176	184	185	189	180	186	176	172	180	192	69	2247			
Total Captures	17	6	29	20	9	9	18	14	53	41	9	6	8				
Captures/100 Trap Nights	9.77	3.26	16.5	10.9	4.86	4.76	10	7.53	30.1	23.8	5	3.13	11.6				
Number of Species	4	1	4	2	8	4	7	4	8	8	3	2	2				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
Ardea Herodias	Great Blue Heron
Circus Cyaneus	Northern Harrier
Buteo Jamaicensis	Red-tailed Hawk
Aquila Chrysaetos	Golden Eagle
Bonasa Umbellus	Ruffed Grouse
Grus Canadensis	Sandhill Crane
Charadrius Vociferus	Killdeer
Numenius Americanus	Long-billed Curlew
Ceryle Alcyon	Belted Kingfisher
Picoides Villosus	Hairy Woodpecker
Colaptes Auratus	Northern Flicker
Eremophila Alpestris	Horned Lark
Tachycineta Bicolor	Tree Swallow
Stelgidopteryx Serripennis	Northern Rough-winged Swallow
Petrochelidon Pyrrhonota	Cliff Swallow
Pica Hudsonia	Black-billed Magpie
Corvus Corax	Common Raven
Sialia Currucoides	Mountain Bluebird
Turdus Migratorius	American Robin
Agelaius Phoeniceus	Red-winged Blackbird
Sturnella Neglecta	Western Meadowlark
Euphagus Cyanocephalus	Brewer's Blackbird
Sylvilagus Nuttallii	Mountain Cottontail
Tamias Amoenus	Yellow-pine Chipmunk
Odocoileus Hemionus	Mule Deer
Odocoileus Virginianus	White-tailed Deer
Alces Alces	Moose
Antilocapra Americana	Pronghorn
Thamnophis Sirtalis	Common Garter Snake

Moose

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

Photo Credits: MFWP staff unless otherwise noted

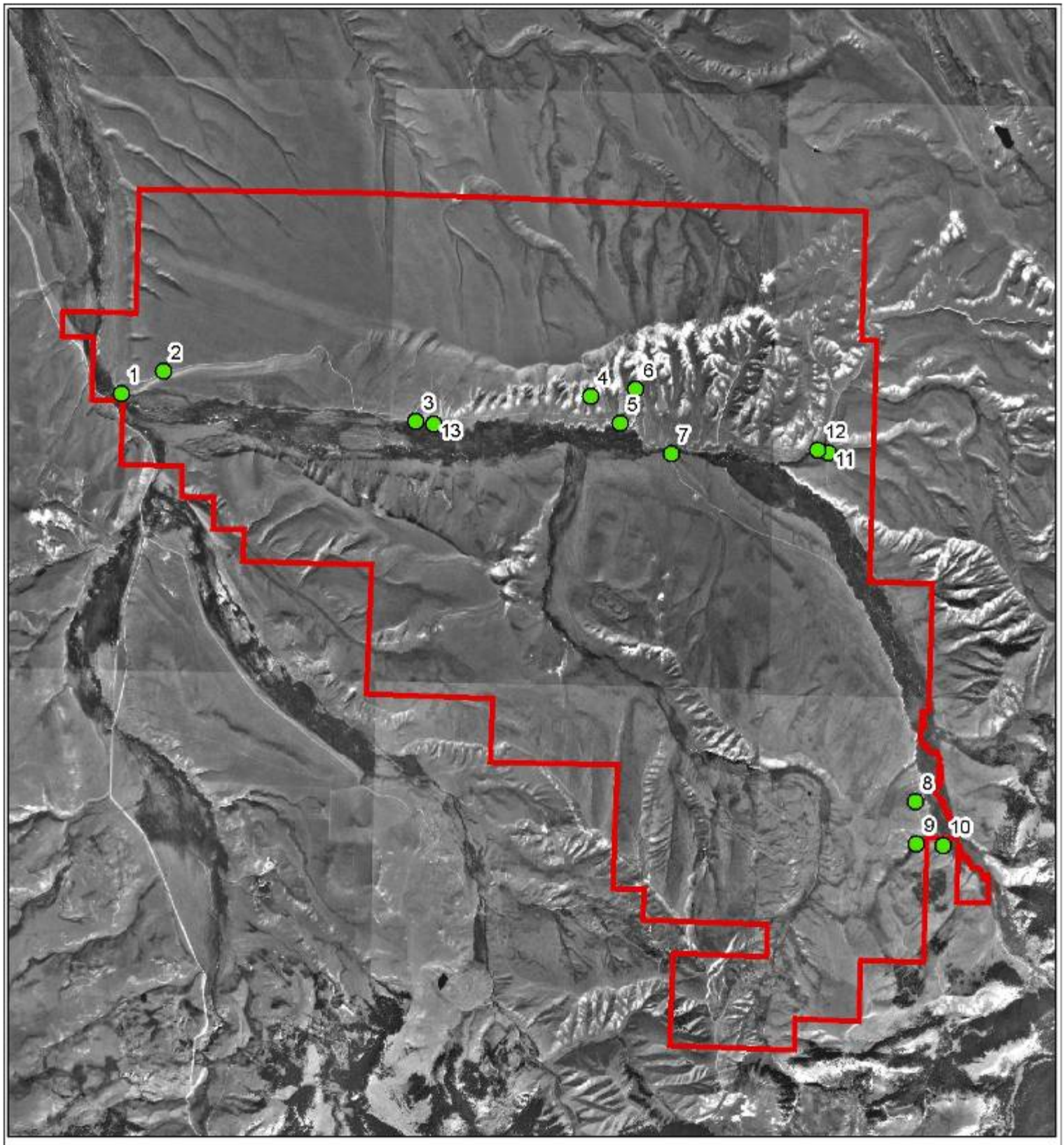

Figure 1: **Gravelly Blacktail Wildlife Management Area**

Trapping locations

Montana Fish, Wildlife & Parks

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0 0.5 1 2 Miles

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