Fresno Wildlife Management Area

2004 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Fresno Wildlife Management Area (WMA) is a 2676-acre parcel of rangeland along the Milk River above Fresno Reservoir. The WMA is open to hunting, bird-watching, and other recreation.

Past and present river channels and associated riparian vegetation provide excellent forage and cover for wildlife such as antelope, mule and white-tailed deer, ground-nesting birds such as partridge, sharp-tailed and sage grouse, various sparrow species, and upland sandpiper.

Findings: 55 Captures of 5 Species

- Small mammal trapping lines
  -55captures of 5 species
- Large Fox Traps
  -0 Captures

Table 1. Trapline Location and Habitat Type

(Trapped with other areas, thus traplines do not originate at 1)

Location #	*Name*	*Habitat*
5	Line 5	lowland shrub grassland
6	Line 6	lowland sagebrush grassland
7	Line 7	upland grassland
8	Line 8	upland sagebrush grassland
9	Line 9	marshland/grassland
10	Line 10	upland marshland/grassland
11	Line 11	grassland

Table 2. Capture Summary

	Trapline							
Species Captured	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**Total**
Richardson's Ground Squirrel							1	1
Olive-Backed Pocket Mouse		1						1
Deer Mouse	18	3	3	1	9	2	2	38
Meadow Vole			1		10	2		13
Unknown Shrew					2			2
Total Captures	18	4	4	1	21	4	3	55

Olive-Backed Pocket Mouse

Table 3. Trapline Summary

Trap Type	5	6	7	8	9	10	11	Total Trap Nights	Captures	Captures/ 100 Trap Nights	Number of Species
Snap, small (victor)	46	50	49	48	47	174	49	463	16	3.45	3
Snap, med (museum special)	43	49	50	49	44		46	281	17	6.04	2
Snap, large (rat)	10	10	5	10	10		10	55	2	3.63	1
Cage, small (sherman)	50	50	50	50	47		50	297	18	6.06	3
Cage, med (skunk)	4	5		5	5			19	0	0	0
Pitfall	50	25	25	25	25		25	175	2	1.14	2
Total Trap Nights	203	189	179	187	178	174	180	1290			
Total Captures	18	4	4	1	21	4	3				
Captures/100 Trap Nights	8.9	2.1	2.2	0.5	12	2.3	1.6				
Number of Species	1	2	2	1	3	2	2				

Table 4. Trapsite Summary

Trap Type	Total Trap Nights	Captures	Captures/100 Trap Nights	Number of Species
Cage, large	20	0	0	0

Table 5. Miscellaneous Species Observed

Pacific Chorus Frog
Western Grebe
Double-Crested Cormorant
Great Blue Heron
Northern Shoveler
Gadwall
Redhead
Northern Harrier
Golden Eagle
American Coot
Killdeer
Long-Billed Curlew
Marbled Godwit
Curlew Sandpiper
Wilson's Phalarope
Forster's Tern
Mourning Dove
Common Nighthawk
Eastern Kingbird
Horned Lark
Northern Rough-Winged Swallow
Cliff Swallow
Marsh Wren
Common Yellowthroat
Vesper Sparrow
Lark Bunting
Chestnut-Collared Longspur
Red-Winged Blackbird
Western Meadowlark
Yellow-Headed Blackbird
Coyote
Pronghorn
Plains Garter Snake

Northern Shoveler Chuck Carlson

Northern Harrier Tom Warren

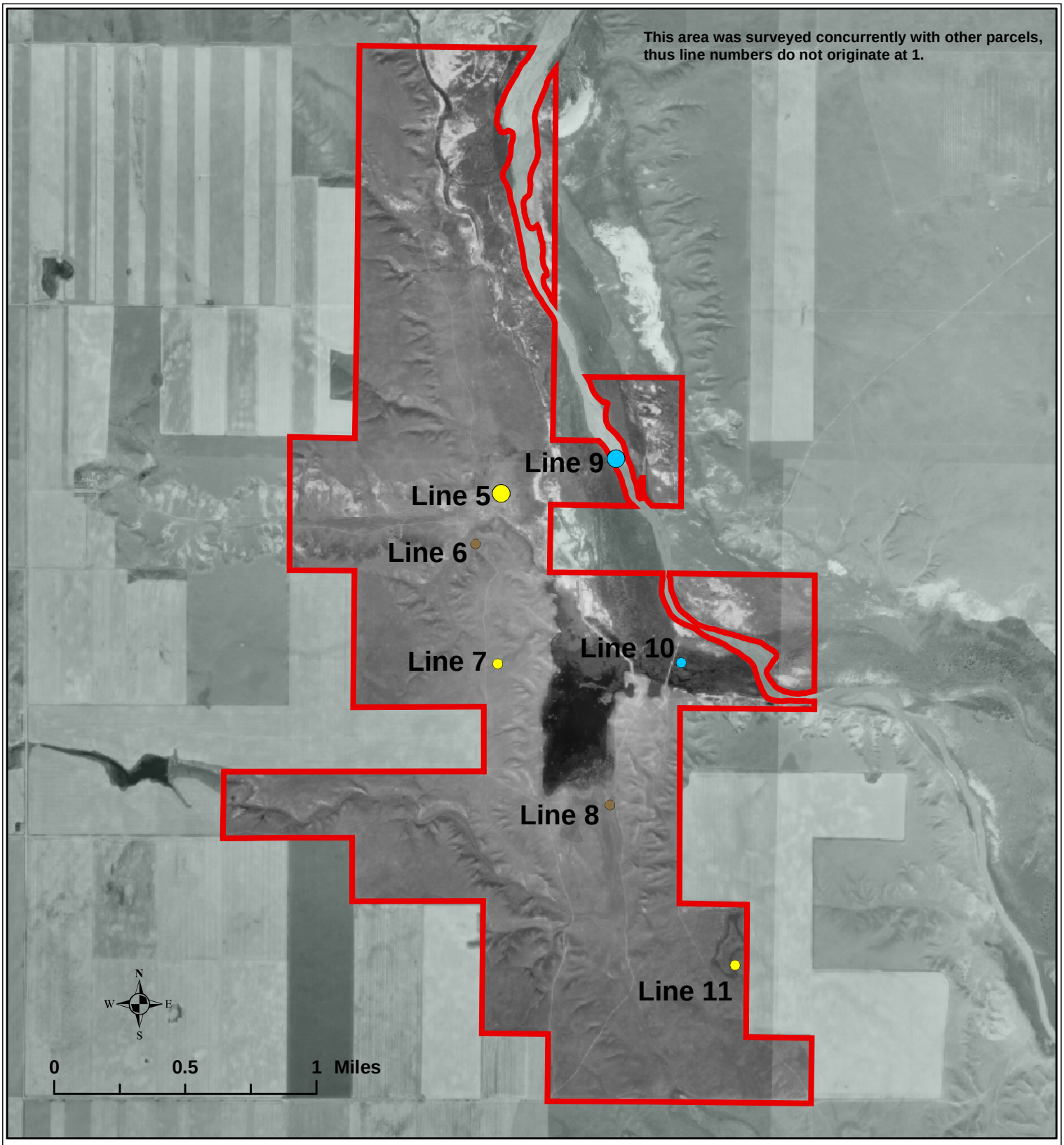
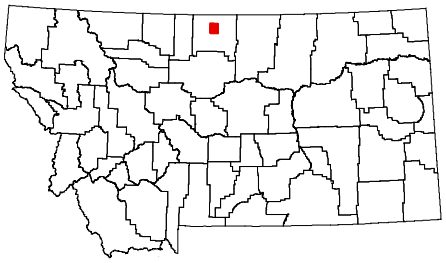


Figure 1:

Fresno Reservoir WMA

Small Mammal Survey Site



Trapping Locations

General Landcover (Symbol color)

- Agriculture
- Barren / Badlands
- Broadleaf Forest
- Conifer Forest
- Grassland
- Riparian
- Shrub Grassland

* Not all landcover types were sampled at all sites.

Captures/100 trapnights (Symbol size)
* only calculated for trap lines

- 0 - 5
- >5 - 15
- >15

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12/2004 MAM W:\Wildlife\SWIG_PROJECTS\SmallMammalSurveys\Project_data