Rookery Wildlife Management Area

2004 Small Mammal Trapping and Species Inventory Report

Montana Fish, Wildlife, and Parks (MFWP)
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Deer Mouse

Rookery Wildlife Management Area (WMA) is located about 4 miles northwest of Havre in MFWP Region 6. The WMA consists of 2,236 acres of land, which the Milk River runs either through or adjacent to in the southern portion of the property. Some areas along the river have poor drainage and the soils there have a high saline content.

While most of the WMA is open grassland, some shelter is provided by shrubs, willows, and deciduous trees near the river. The WMA is open to the public for hunting and wildlife viewing.

Findings: 43 Captures of 3 Species (Table 3)

Table 1. Trapline location and Habitat Type

(Trapped with other areas, thus traplines do not originate at 1; Trapline photos not available)

12	line 12	sagebrush grassland
13	line 13	cottonwood riparian
14	line 14	cottonwood riparian
15	line 15	valley between upland grass hills
16	line 16	sagebrush grassland near pond
17	line 17	sagebrush grassland

Table 2. Capture Summary

	Trapline						
Species Captured	**12**	**13**	**14**	**15**	**16**	**17**	**Total**
Olive-Backed Pocket Mouse						1	1
Deer Mouse	4	12	15		8	2	41
Meadow Vole			1				1
Total Captures	4	12	16	0	8	3	43

Meadow Vole

Table 3. Trapline Summary

Trap Type	Trapline 12	13	14	15	16	17	Total Trap Nights	Total Captures	Captures/100 Trap Nights	Number of Species
Snap, small (victor)	50	50	48	49	44	38	279	2	0.72	1
Snap, med (museum special)	49	45	42	44	37	48	265	25	9.43	2
Snap, large (rat)	10	9	10			4	33	0	0	0
Cage, small (sherman)	50	48	49	50	50	40	287	15	5.23	2
Cage, med (skunk)		4	5	5	5		19	0	0	0
Pitfall	50	50	50	50	25	20	245	1	0.41	1
Total Trap Nights	209	206	204	198	161	150	1128			
Total Captures	4	12	16	0	8	3	43			
Captures/100 Trap Nights	1.9	5.8	7.8	0	5	2	3.81			
Number of Species	1	1	2	0	1	2				

Table 4. Miscellaneous Species Observed

Western Chorus Frog
Pacific Chorus Frog
Northern Leopard Frog
American Bittern
Osprey
Northern Harrier
American Kestrel
Gray Partridge
Ring-Necked Pheasant
Spotted Sandpiper
Mourning Dove
Tree Swallow
Violet-Green Swallow
Black-Billed Magpie
American Robin
European Starling
Western Meadowlark
Mountain Cottontail
Mule Deer
White-Tailed Deer
Pronghorn
Racer
Gopher Snake

Photo Credits: MFWP staff unless otherwise indicated.

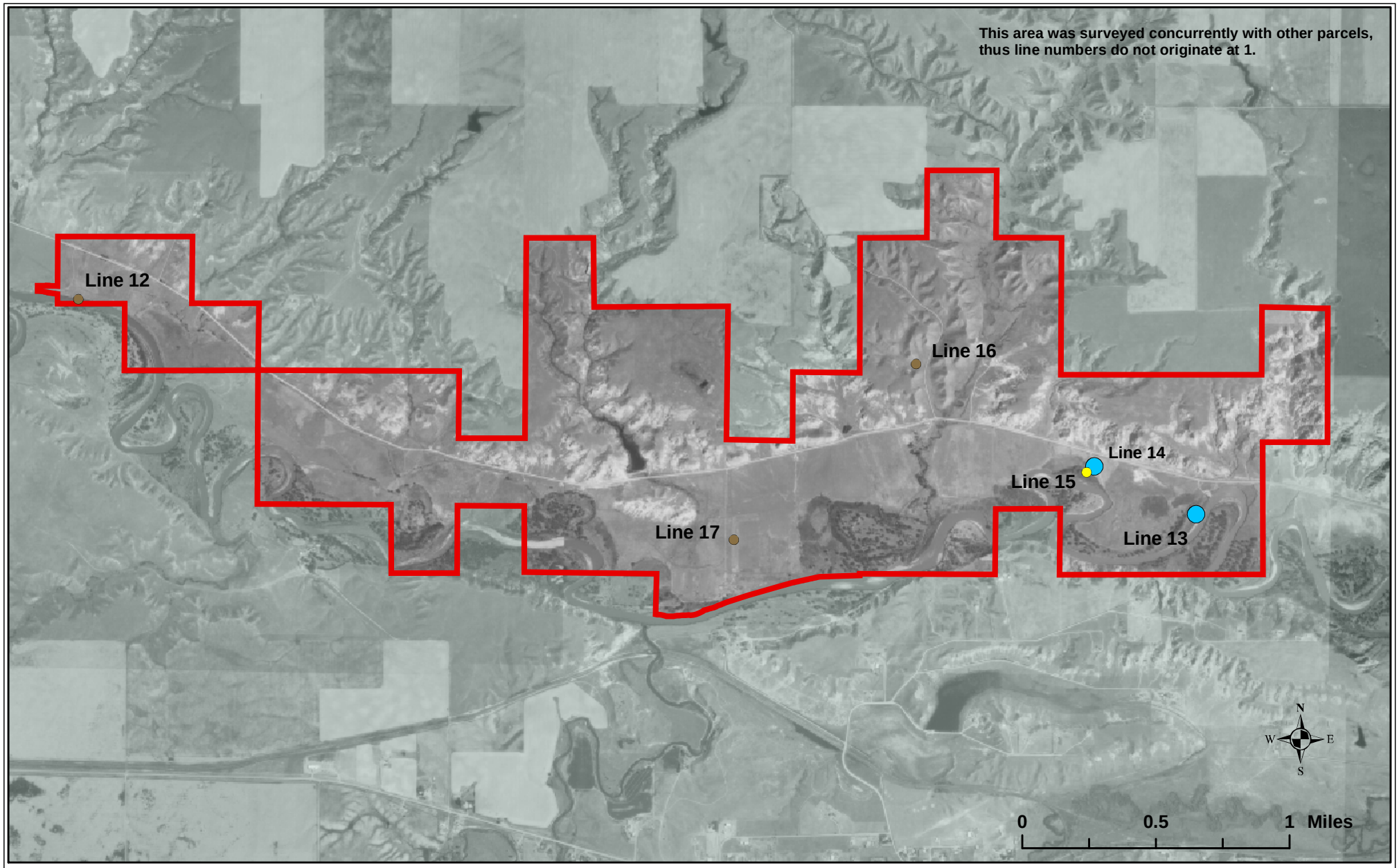


Figure 1:

Rookery WMA

Small Mammal Survey Site

Montana Fish, Wildlife & Parks

Trapping Locations

General Landcover (Symbol color)

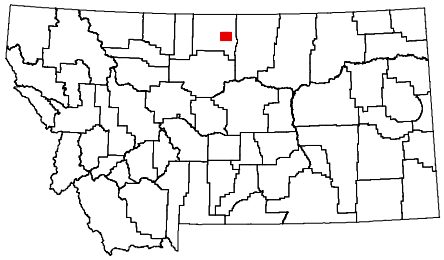
- Agriculture
- Barren / Badlands
- Broadleaf Forest
- Conifer Forest
- Grassland
- Riparian
- Shrub Grassland

* Not all landcover types were sampled at all sites.

Captures/100 trapnights (Symbol size)

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

* only calculated for trap lines



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