# Silver Run Wildlife Management Area

## 2005 Small Mammal Trapping and Species Inventory Report

**Montana Fish, Wildlife, and Parks (MFWP)**
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**July 19-25, 2005**

White-tailed Bucks on Silver Run WMA

## Findings

- **7 Major habitats Surveyed (Table 1)**
- **46 Captures, 11 Species (Table 2 and 3)**
- **8 Species Observed (Table 4)**

**Table 1. Trapping Location and Habitat Type**

| Location # | Name | Habitat |
|---|---|---|
| 1 | Line 1 | Conifer grassland |
| 2 | Line 2 | Conifer |
| 3 | Line 3 | Upland grassland |
| 4 | Line 4 | Upland grassland |
| 5 | Line 5 | Upland big sage |
| 6 | Line 6 | Upland big sage with conifer |
| 7 | Line 7 | Conifer, aspen, sage, grass draw |
| 8 | Line 8 | Conifer, aspen, sage, grass draw |
| 9 | Line 9 | Lower big sage |
| 10 | Line 10 | Lower big sage |

White-tailed Deer

## Table 2. Captures Summary

| Species Captured | | Trapline | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Latin Name** | **Common Name** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **Total** |
| *Pipilo Chlorurus* | Green-tailed Towhee | | | | | | | 2 | | 2 | | 4 |
| *Spizella Passerina* | Chipping Sparrow | | | 1 | | | | | | | | 1 |
| *Passerculus Sandwichensis* | Savannah Sparrow | | | | | | | 1 | 1 | | | 2 |
| *Sorex Monticolus* | Montane Shrew | | | | | | | 1 | 2 | | | 3 |
| *Tamias Amoenus* | Yellow-pine Chipmunk | 3 | | | | | | 1 | 3 | | | 7 |
| *Tamiasciurus Hudsonicus* | Red Squirrel | | | | | | | 1 | | | | 1 |
| *Peromyscus Maniculatus* | Deer Mouse | 1 | 1 | 2 | | 3 | 2 | 1 | 4 | 6 | 3 | 23 |
| *Clethrionomys Gapperi* | Southern Red-backed Vole | | | | | | | 2 | | | | 2 |
| *Microtus Pennsylvanicus* | Meadow Vole | 1 | | | | | | | | | | 1 |
| *Microtus Montanus* | Montane Vole | | | | | 1 | | | | | | 1 |
| *Mephitis Mephitis* | Striped Skunk | 1 | | | | | | | | | | 1 |
| Total Captures | | 6 | 1 | 3 | 0 | 4 | 2 | 9 | 10 | 8 | 3 | 46 |

**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) | 71 | 71 | 69 | 69 | 47 | 48 | 48 | 40 | 47 | 52 | 562 | 7 | 1.2 | 5 |
| Snap, med (museum special) | 47 | 45 | 44 | 43 | 71 | 47 | 47 | 43 | 47 | 61 | 495 | 28 | 5.7 | 9 |
| Snap, large (rat) | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 99 | 0 | 0.0 | 0 |
| Cage, small (sherman) | 49 | 46 | 46 | 42 | 48 | 49 | 49 | 50 | 50 | 49 | 478 | 10 | 2.1 | 3 |
| Cage, med (skunk) | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 96 | 1 | 1.0 | 1 |
| Total Trap Nights | 186 | 180 | 178 | 174 | 186 | 164 | 164 | 152 | 164 | 182 | 1730 | | | |
| Total Captures | 6 | 1 | 3 | 0 | 4 | 2 | 9 | 10 | 8 | 3 | | | | |
| Captures/100 Trap Nights | 3.2 | 0.7 | 1.7 | 0 | 2.2 | 1.2 | 5.5 | 6.6 | 4.9 | 1.7 | | | | |
| Number of Species | 4 | 1 | 2 | 0 | 2 | 1 | 7 | 4 | 2 | 1 | | | | |

**Table 4. Miscellaneous Species Observed**

| Latin Name | Common Name |
|---|---|
| *Circus Cyaneus* | Northern Harrier |
| *Buteo Swainsoni* | Swainson's Hawk |
| *Corvus Corax* | Common Raven |
| *Pooecetes Gramineus* | Vesper Sparrow |
| *Calamospiza Melanocorys* | Lark Bunting |
| *Junco Hyemalis* | Dark-eyed Junco |
| *Cervus Elaphus* | Elk |
| *Odocoileus Virginianus* | White-tailed Deer |

Red Squirrel

**Trapline Photos**

Trapline 1

Trapline 2

Trapline 3

Trapline 4

Trapline 5

Trapline 6

Trapline 7

Trapline 8

Trapline 9 &10

**Photo Credits: MFWP staff unless otherwise noted**

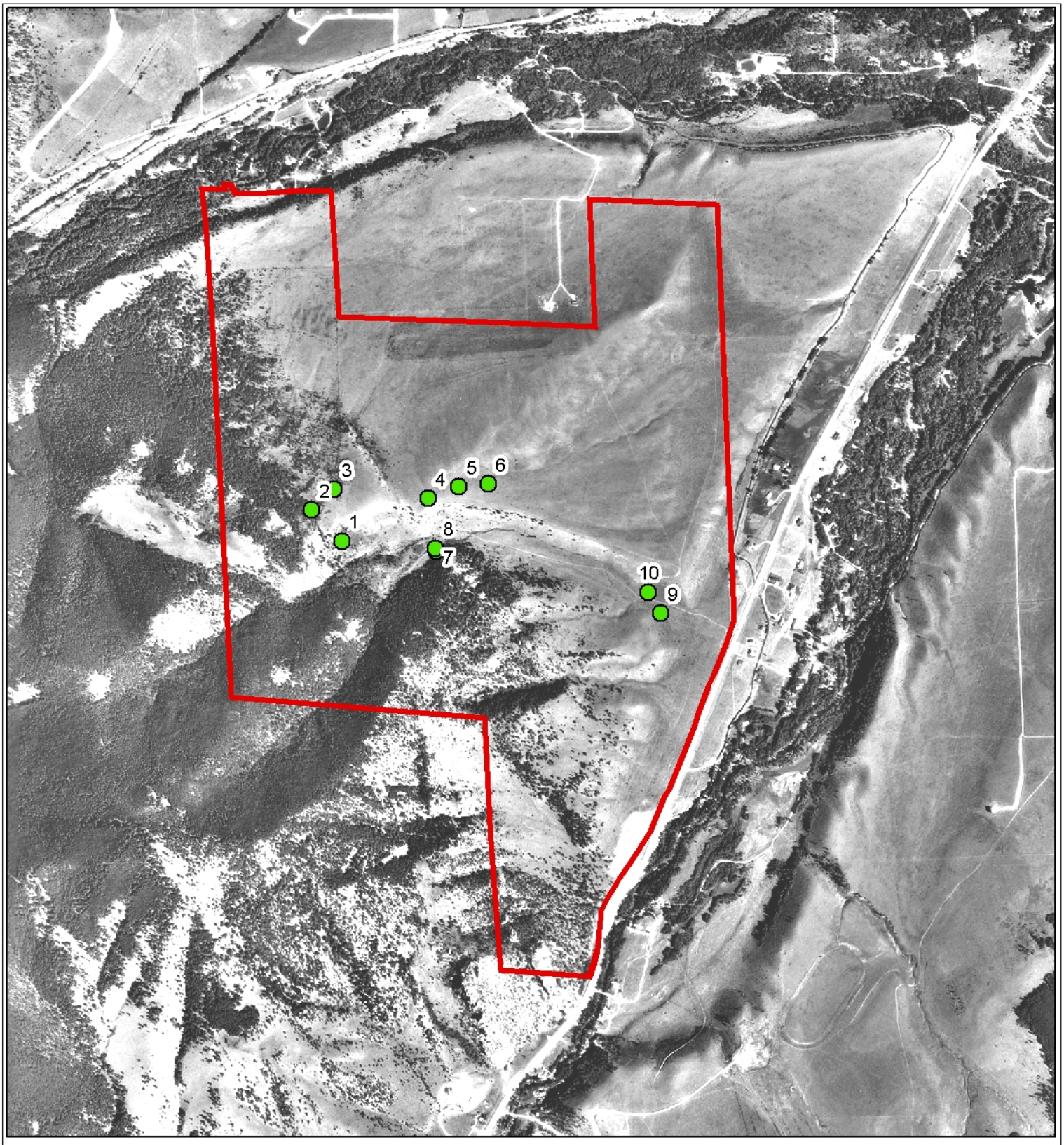


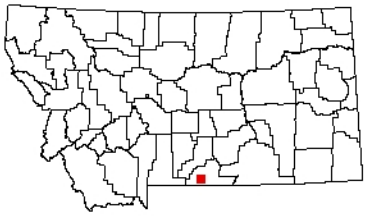

Figure 1: **Silver Run Wildlife Management Area**

Trapping locations

Montana Fish, Wildlife & Parks

N

0 0.25 0.5 Miles



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