

Aunt Molly Wildlife Management Area
2006 Small Mammal Trapping and Species Inventory Report
Montana Fish, Wildlife, and Parks (MFWP)
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July 3-9, 2006



Great Blue Heron

Findings

- **5 Major habitats Surveyed (Table 1)**
- **152 Captures, 15 Species (Table 2 and 3)**
- **54 Species Observed (Table 4)**

Table 1. Trapping Location and Habitat Type

| Location # | Name | Habitat |
|-------------------|-------------|----------------|
| 1 | Line 1 | Sagebrush |
| 2 | Line 2 | Wetland |
| 3 | Line 3 | Wetland |
| 4 | Line 4 | Riparian |
| 5 | Line 5 | Aspen grove |
| 6 | Line 6 | Riparian |
| 13 | Location 13 | Riparian |
| 15 | Location 15 | Wetland |
| 17 | Line 17 | Barnyard |



Columbian Spotted Frog

Table 2. Captures Summary

| Species Captured | | Trapline | | | | | | | | | | Total |
|---------------------------------|----------------------|----------|----|----|----|----|---|----|----|----|--|-------|
| Latin Name | Common Name | 1 | 2 | 3 | 4 | 5 | 6 | 13 | 15 | 17 | | |
| <i>Bufo Boreas</i> | Boreal Toad | | | | 1 | | | | | | | 1 |
| <i>Anas Platyrhynchos</i> | Mallard | | 1 | | | | | | | | | 1 |
| <i>Catostomus Platyrhynchus</i> | Mountain Sucker | | | 1 | | | | | 2 | | | 3 |
| <i>Sorex Cinereus</i> | Masked Shrew | 1 | | | 2 | | | | | | | 3 |
| <i>Sorex Vagrans</i> | Vagrant Shrew | | 6 | 3 | 10 | 2 | | | | | | 21 |
| <i>Sorex Monticolus</i> | Montane Shrew | 1 | | | 1 | 1 | | | | | | 3 |
| <i>Myotis Lucifugus</i> | Little Brown Myotis | | | | | | | | | 14 | | 14 |
| <i>Tamias Amoenus</i> | Yellow-pine Chipmunk | | | | 1 | 1 | | | | | | 2 |
| <i>Tamias Ruficaudus</i> | Red-tailed Chipmunk | | | | | 4 | | | | | | 4 |
| <i>Peromyscus Maniculatus</i> | Deer Mouse | 8 | 2 | | 2 | 16 | | 5 | | | | 33 |
| <i>Phenacomys Intermedius</i> | Heather Vole | | | 1 | | | | | | | | 1 |
| <i>Microtus Pennsylvanicus</i> | Meadow Vole | 2 | 15 | 14 | 6 | 2 | 6 | 2 | 6 | | | 53 |
| <i>Microtus Montanus</i> | Montane Vole | | 4 | 4 | | | 1 | | | | | 9 |
| <i>Microtus Longicaudus</i> | Long-tailed Vole | | | | | | 1 | 1 | 1 | | | 3 |
| <i>Mephitis Mephitis</i> | Striped Skunk | | | | | | 1 | | | | | 1 |
| Total Captures | | 12 | 28 | 23 | 23 | 26 | 8 | 10 | 7 | 14 | | 152 |

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 | 13 | 15 | 17 | | | | |
| Snap, small (victor) | 40 | 33 | 41 | 35 | 41 | 37 | 0 | 0 | 0 | 227 | 26 | 11.5 | 5 |
| Snap, med (museum special) | 43 | 40 | 39 | 47 | 35 | 45 | 79 | 60 | 0 | 388 | 61 | 15.7 | 6 |
| Snap, large (rat) | 9 | 10 | 10 | 9 | 7 | 8 | 4 | 0 | 0 | 57 | 2 | 3.5 | 1 |
| Cage, small (sherman) | 50 | 49 | 48 | 48 | 48 | 48 | 0 | 0 | 0 | 291 | 11 | 3.8 | 4 |
| Cage, med (rat) | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0.0 | 0 |
| Cage, med (skunk) | 10 | 9 | 10 | 10 | 8 | 9 | 0 | 0 | 0 | 56 | 1 | 1.8 | 1 |
| Mistnet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 14 | 1400.0 | 1 |
| Pitfall | 25 | 25 | 25 | 25 | 24 | 25 | 0 | 0 | 0 | 149 | 34 | 22.8 | 9 |
| Funnel Trap | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 3 | 30.0 | 1 |
| Total Trap Nights | 177 | 166 | 173 | 174 | 165 | 172 | 93 | 60 | 1 | 1181 | | | |
| Total Captures | 12 | 28 | 23 | 23 | 26 | 8 | 10 | 7 | 14 | | | | |
| Captures/100 Trap Nights | 6.78 | 16.9 | 13.3 | 13.2 | 15.8 | 4.65 | 10.8 | 12 | 1400 | | | | |
| Number of Species | 4 | 5 | 5 | 7 | 6 | 4 | 4 | 2 | 1 | | | | |

Table 4. Miscellaneous Species Observed

| Latin Name | Common Name |
|---------------------------------|-------------------------|
| <i>Rana Luteiventris</i> | Columbia Spotted Frog |
| <i>Podiceps Griseogen</i> | Red-necked Grebe |
| <i>Ardea Herodias</i> | Great Blue Heron |
| <i>Anas Platyrhynchos</i> | Mallard |
| <i>Anas Discors</i> | Blue-winged Teal |
| <i>Anas Strepera</i> | Gadwall |
| <i>Anas Americana</i> | American Wigeon |
| <i>Aythya Affinis</i> | Lesser Scaup |
| <i>Bucephala Islandica</i> | Barrow's Goldeneye |
| <i>Bucephala Albeola</i> | Bufflehead |
| <i>Mergus Merganser</i> | Common Merganser |
| <i>Oxyura Jamaicensis</i> | Ruddy Duck |
| <i>Pandion Haliaetus</i> | Osprey |
| <i>Haliaeetus Leucocephalus</i> | Bald Eagle |
| <i>Buteo Swainsoni</i> | Swainson's Hawk |
| <i>Buteo Jamaicensis</i> | Red-tailed Hawk |
| <i>Falco Sparverius</i> | American Kestrel |
| <i>Porzana Carolina</i> | Sora |
| <i>Fulica Americana</i> | American Coot |
| <i>Grus Canadensis</i> | Sandhill Crane |
| <i>Charadrius Vociferus</i> | Killdeer |
| <i>Actitis Macularia</i> | Spotted Sandpiper |
| <i>Gallinago Gallinago</i> | Common Snipe |
| <i>Chlidonias Niger</i> | Black Tern |
| <i>Zenaida Macroura</i> | Mourning Dove |
| <i>Bubo Virginianus</i> | Great Horned Owl |
| <i>Ceryle Alcyon</i> | Belted Kingfisher |
| <i>Colaptes Auratus</i> | Northern Flicker |
| <i>Tyrannus Tyrannus</i> | Eastern Kingbird |
| <i>Tachycineta Bicolor</i> | Tree Swallow |
| <i>Riparia Riparia</i> | Bank Swallow |
| <i>Petrochelidon Pyrrhonota</i> | Cliff Swallow |
| <i>Corvus Corax</i> | Common Raven |
| <i>Cistothorus Palustris</i> | Marsh Wren |
| <i>Catharus Ustulatus</i> | Swainson's Thrush |
| <i>Turdus Migratorius</i> | American Robin |
| <i>Bombycilla Cedrorum</i> | Cedar Waxwing |
| <i>Dendroica Petechia</i> | Yellow Warbler |
| <i>Geothlypis Trichas</i> | Common Yellowthroat |
| <i>Poocetes Gramineus</i> | Vesper Sparrow |
| <i>Passerculus</i> | Savannah Sparrow |
| <i>Agelaius Phoeniceus</i> | Red-winged Blackbird |
| <i>Sturnella Neglecta</i> | Western Meadowlark |
| <i>Xanthocephalus</i> | Yellow-headed Blackbird |

Euphagus Cyanocephalus
Molothrus Ater
Carduelis Tristis
Sylvilagus Nuttallii
Spermophilus
Ondatra Zibethicus
Procyon Lotor
Taxidea Taxus
Odocoileus Virginianus

Brewer's Blackbird
Brown-headed Cowbird
American Goldfinch
Mountain Cottontail
Columbian Ground Squirrel
Muskrat
Common Raccoon
American Badger
White-tailed Deer



Muskrat

Trapline Photos



Trapline 1



Trapline 2



Trapline 3



Trapline 4



Trapline 5



Trapline 6



Trapline 13



Trapline 15

Photo Credits: MFWP staff unless otherwise noted

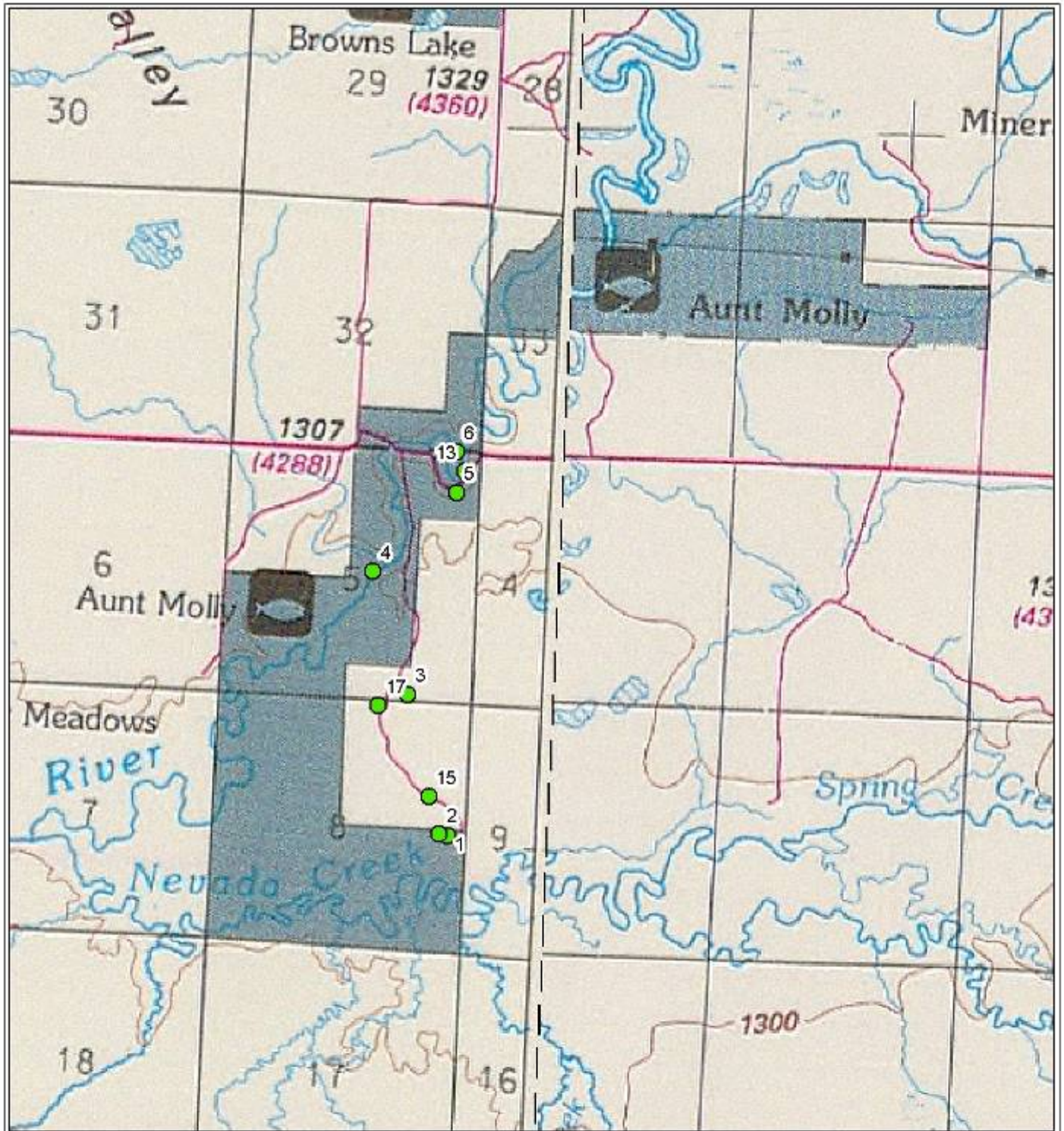


Figure 1: **Aunt Molly Wildlife Management Area**

● Trapping locations



**Montana Fish,
Wildlife & Parks**



0 0.5 1 Miles

