

Bull River WMA
2006 Small Mammal Trapping and Species Inventory Report
Montana Fish, Wildlife, and Parks (MFWP)
Steve Carson, Hillary Welsh and Brandy Murray
June 5-11, 2006



Cinnamon Teal

Findings

- **9** Major habitats Surveyed (Table 1)
- **187** Captures, **12** Species (Table 2 and 3)
- **65** Species Observed (Table 4)

Table 1. Trapline Location and Habitat Type

Survey Site: Bull River WMA

Location #	Name	Habitat
1	Line 1	Early stage coniferous
2	Line 2	Early stage coniferous
3	Line 3	Middle stage coniferous
4	Line 4	Middle stage coniferous
5	Line 5	Old growth coniferous
6	Line 6	Old growth coniferous
7	Line 7	Meadow edge
8	Line 8	Meadow edge
9	Line 9	Short marsh/shrubland
10	Line 10	Short marsh/shrubland
11	Line 11	Cottonwood/riparian
12	Line 12	Cottonwood/riparian
13	Location 13	Coniferous bog
14	Location 14	Marsh/pond
15	Cabin	Meadow/coniferous



Painted Turtle

Table 2. Captures Summary

Species Captured		Trapline															Total Captures
Latin Name	Common Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<i>Perisoreus Canadensis</i>	Gray Jay				1												1
<i>Geothlypis Trichas</i>	Common Yellowthroat										1						1
<i>Pipilo Maculatus</i>	Spotted Towhee	1															1
<i>Salvelinus Fontinalis</i>	Brook Trout														1		1
<i>Catostomus Catostomus</i>	Longnose Sucker														9		9
<i>Sorex Vagrans</i>	Vagrant Shrew		1		2			16	16	4	4	29	8				80
<i>Sorex Monticolus</i>	Montane Shrew		1					5	3	1		3	3				16
<i>Tamias Amoenus</i>	Yellow-pine Chipmunk	5	10									2					17
<i>Spermophilus Columbianus</i>	Columbian Ground Squirrel		2	3	6												11
<i>Peromyscus Maniculatus</i>	Deer Mouse	8	11	1	6	3	4	1	1				1				36
<i>Microtus Pennsylvanicus</i>	Meadow Vole						1	2	2	1							6
<i>Zapus Princeps</i>	Western Jumping Mouse							2		1	4		1				8
Total Captures		14	25	4	15	3	5	26	22	7	9	34	13	0	10	0	187

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	7	8	9	10	11	12	13	14	15				
Snap, small (victor)	46	45	20	33	33	49	48	45	47	45	43	45	57	0	0	556	22	4.0	5
Snap, med (museum special)	39	36	21	27	30	36	40	39	48	42	44	30	0	0	0	432	61	14.1	9
Snap, large (rat)	10	10	9	5	9	9	10	10	9	10	10	10	0	0	0	111	0	0.0	0
Cage, small (sherman)	50	47	46	49	47	49	50	50	49	52	48	45	40	0	0	622	24	3.9	4
Cage, med (rat)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0.0	0
Cage, med (skunk)	10	10	10	10	10	10	10	10	10	8	9	10	0	0	0	117	11	9.4	1
Mistnet	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0.0	0
Pitfall	25	25	25	25	25	25	25	25	24	76	25	25	0	0	0	350	61	17.4	4
Funnel Trap	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11	10	90.9	2
Total Trap Nights	180	173	131	150	154	178	183	179	187	233	180	165	97	11	1	2202			
Total Captures	14	25	4	15	3	5	26	22	7	9	34	13	0	10	0				
Captures/100 Trap Nights	7.8	14.5	3.1	10.0	1.9	2.8	14.2	12.3	3.7	3.9	18.9	7.9	0.0	90.9	0.0				
Number of Species	3	5	2	4	1	2	5	4	4	3	3	4	0	2	0				

Table 4. Miscellaneous Species Observed

Latin Name	Common Name
<i>Rana Luteiventris</i>	Columbia Spotted Frog
<i>Anas Cyanoptera</i>	Cinnamon Teal
<i>Aythya Collaris</i>	Ring-necked Duck
<i>Bucephala Clangula</i>	Common Goldeneye
<i>Lophodytes Cucullatus</i>	Hooded Merganser
<i>Cathartes Aura</i>	Turkey Vulture
<i>Pandion Haliaeetus</i>	Osprey
<i>Haliaeetus Leucocephalus</i>	Bald Eagle
<i>Circus Cyaneus</i>	Northern Harrier
<i>Buteo Jamaicensis</i>	Red-tailed Hawk
<i>Aquila Chrysaetos</i>	Golden Eagle
<i>Bonasa Umbellus</i>	Ruffed Grouse
<i>Rallus Limicola</i>	Virginia Rail
<i>Porzana Carolina</i>	Sora
<i>Charadrius Vociferus</i>	Killdeer
<i>Gallinago Gallinago</i>	Common Snipe
<i>Chordeiles Minor</i>	Common Nighthawk
<i>Aeronautes Saxatalis</i>	White-throated Swift
<i>Archilochus Alexandri</i>	Black-chinned Hummingbird
<i>Stellula Calliope</i>	Calliope Hummingbird
<i>Selasphorus Rufus</i>	Rufous Hummingbird
<i>Ceryle Alcyon</i>	Belted Kingfisher
<i>Sphyrapicus Nuchalis</i>	Red-naped Sapsucker
<i>Picoides Pubescens</i>	Downy Woodpecker
<i>Picoides Villosus</i>	Hairy Woodpecker
<i>Colaptes Auratus</i>	Northern Flicker
<i>Dryocopus Pileatus</i>	Pileated Woodpecker
<i>Contopus Sordidulus</i>	Western Wood-pewee
<i>Empidonax Traillii</i>	Willow Flycatcher
<i>Empidonax Hammondii</i>	Hammond's Flycatcher
<i>Tyrannus Tyrannus</i>	Eastern Kingbird
<i>Tachycineta Bicolor</i>	Tree Swallow
<i>Tachycineta Thalassina</i>	Violet-green Swallow
<i>Stelgidopteryx Serripennis</i>	Northern Rough-winged Swallow
<i>Corvus Brachyrhynchos</i>	American Crow
<i>Corvus Corax</i>	Common Raven
<i>Poecile Gambeli</i>	Mountain Chickadee
<i>Cistothorus Palustris</i>	Marsh Wren
<i>Regulus Calendula</i>	Ruby-crowned Kinglet
<i>Catharus Ustulatus</i>	Swainson's Thrush
<i>Turdus Migratorius</i>	American Robin
<i>Vireo Cassinii</i>	Cassin's Vireo
<i>Vermivora Celata</i>	Orange-crowned Warbler
<i>Dendroica Petechia</i>	Yellow Warbler
<i>Dendroica Coronata</i>	Yellow-rumped Warbler
<i>Dendroica Townsendi</i>	Townsend's Warbler
<i>Setophaga Ruticilla</i>	American Redstart

Geothlypis Trichas
Piranga Ludoviciana
Pipilo Maculatus
Pooecetes Gramineus
Melospiza Melodia
Junco Hyemalis
Dolichonyx Oryzivorus
Agelaius Phoeniceus
Icterus Bullockii
Salvelinus Fontinalis
Castor Canadensis
Canis Latrans
Cervus Elaphus
Odocoileus Hemionus
Odocoileus Virginianus
Alces Alces
Chrysemys Picta
Thamnophis Elegans

Common Yellowthroat
Western Tanager
Spotted Towhee
Vesper Sparrow
Song Sparrow
Dark-eyed Junco
Bobolink
Red-winged Blackbird
Bullock's Oriole
Brook Trout
American Beaver
Coyote
Elk
Mule Deer
White-tailed Deer
Moose
Painted Turtle
Western Terrestrial Garter Snake



Red-winged Blackbird



Eastern Kingbird

Trapline Photos



Trapline 1



Trapline 2



Trapline 3



Trapline 4



Trapline 5



Trapline 6



Trapline 7



Trapline 8



Trapline 9



Trapline 10



Trapline 11



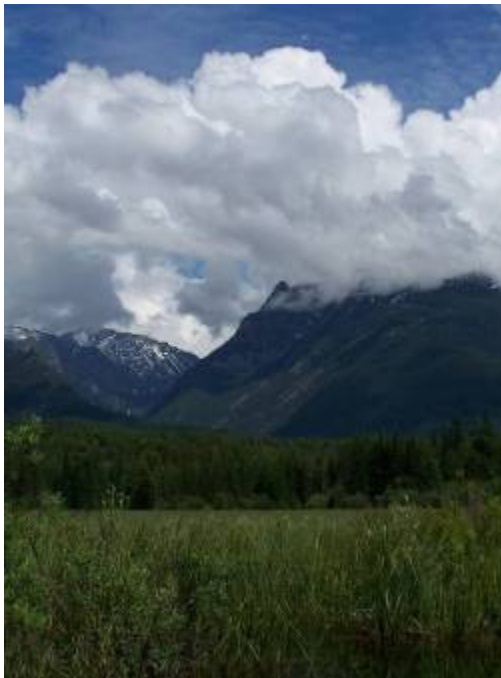
Trapline 12



Location 13



Location 14



Cabin

Photo Credits: MFWP staff unless otherwise noted.

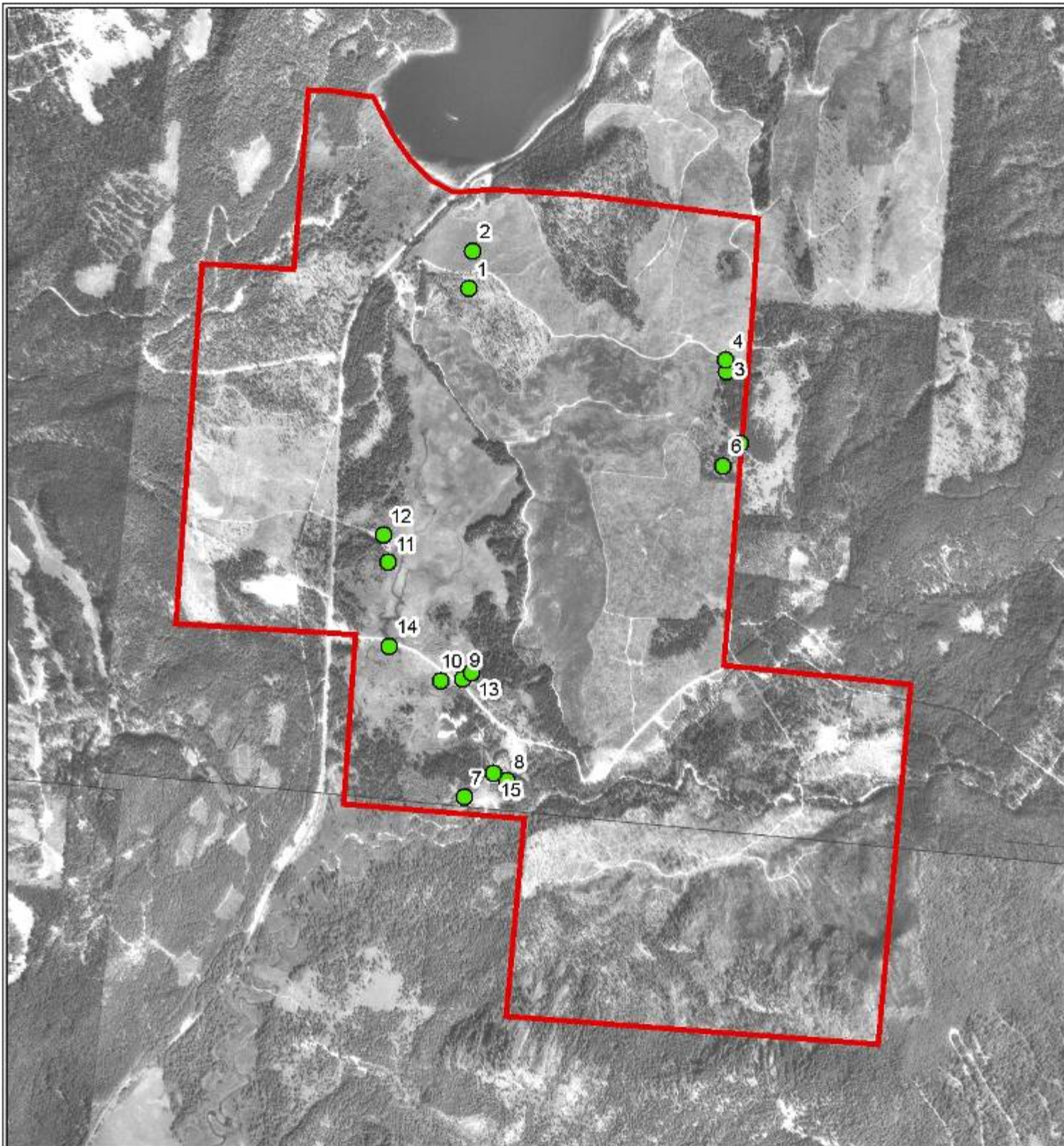
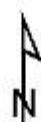


Figure 1: **Bull River Wildlife Management Area**

● Trapping locations



0 0.5 1 Miles

