

PROJECT: CIIBA 2014Inclusive Dates: 22 June - Aug 8, 2014

Participants: (Printed Name - Signature - 3 letter initials):

Joseph A. Cook	<i>Joe A. Cook</i>	JAC
Marisel L. Campbell	<i>Marisel Campbell</i>	MLC
Eric P. Hoberg	<i>Eric P. Hoberg</i>	EPH
Hannah C. Qualls	<i>Hannah Qualls</i>	HQ
Ryan L. Barber	<i>Ryan Barber</i>	RLB
Moses C. Nagurski	<i>Moses Nagurski</i>	MEN
James Will Brunt	<i>James Will Brunt</i>	JWB
Nathaniel T. Brunt	<i>Nathaniel Brunt</i>	NTB
Brittany M. Quintana	<i>Brittany Quintana</i>	BMQ
Bryon S. McLean	<i>Bryon S. McLean</i>	BSM
Tyler Chapman		
Donavan Jackson	<i>Donavan Jackson</i>	DJJ

LOCALITIES:

Locality: USA: New Mexico: Tros Co; 5 km N, 12 km E of QuestaLat: 36.73543 N Long: -105.49959 W Elev: 2558m ±Inclusive Dates: June 22-24, 2014NK Number Series: 260001 - 260039# traps/captures 1 / 1 trap success 100 %Locality: USA: IDAHO: Custer Co, 16 km SW of Challis, Little Bayhorse Lake

Lat: _____ Long: _____ Elev: _____

Inclusive Dates: 25-28 June 2014NK Number Series: 260040 - 260091# traps/captures 1 / 1 trap success 100 %Locality: USA, Montana, Beaverhead Co., Beaverhead-Deerlodge NF, 2 km N.

Lat: _____ Long: _____ Elev: _____

Tower Mountain

Inclusive Dates: 29-30 June 2014NK Number Series: 260041 - 260147# traps/captures 1 / 1 trap success 100 %Locality: USA, Montana, Missoula Co., Beavertail Hill State Park

Lat: _____ Long: _____ Elev: _____

Inclusive Dates: 1 July 2014NK Number Series: 260148 only# traps/captures 1 / 1 trap success 100 %

Locality: _____

Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____

NK Number Series: _____

traps/captures 1 / 1 trap success 100 %

Trapline Datasheet

Locality: New Mexico: Taos Co; (Questa) 5 Km N, 12 Km E of Questa
 Lat: _____ Long: _____ Elev: _____ m GPS Name Pero Datum: WG84 Max error: _____ m
 Date set: 22 June 2014 Project/Collectors: CIIBA 2014

Trapline #. MLC/NTB/HCR/JWB Shermans: 20 Tomahawks: _____ Rat: 3 Mus Spec: 20 Macabies: _____ Pitfalls: 5
 # 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>Fir</u> Spruce, willow, ponderosa, narrow leaf leaf cottonwood
Understory:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	<u>choke cherry, snowberry, spruce, fir</u>
Herbaceous:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u>columbine, umbrells, strawberry, grass, equisetum</u>
Bare soil/rock:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	_____	Slope _____ %

Notes: Along creek ~~with~~ margin + within ~~20 meters~~ 10 meters of water

Captures:	Date: <u>23 June</u>	Date: _____	Date: _____
	Temp (°C): _____	Temp (°C): _____	Temp (°C): _____
	Precip (mm): _____	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>(Pero 002) - Peromyscus</u> <u>36.73557N <u>Zapus princeps</u></u> <u>105.50038W (Snap)</u> <u>2571m</u>		
	<u>(Pero 003) <u>Zapus</u></u> <u><u>princeps (Snap)</u></u> <u>36.73555N</u> <u>105.50043W</u> <u>2574m</u>		
	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 2/48 Total Captures: _____ Total Captures: _____
~ 4%

Trapline Datasheet

Locality: Nm: Taos Co; 5km N, 12km E of Questa
 Lat: _____ Long: _____ Elev: _____ m GPS Name Pero Datum: WG84 Max error: _____ m
 Date set: 22 June 2014 Project/Collectors: C11 BA 2014

Trapline #: MLC/NTB/TWB/HCA Shermans: 20 Tomahawks: _____ Rat: 2 Mus Spec: 20 Macabies: _____ Pitfalls: _____
Line 2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u>Ponderosa, spruce</u>
Understory:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	<u>juniper (ground), wild rose, snowberry</u>
Herbaceous:	0 <u>1</u> 2 3 4 5 6 7 8 9	_____	<u>grass</u>
Bare soil/rock:	0 1 2 <u>3</u> 4 <u>5</u> 6 7 8 9	_____	<u>pine needles</u>
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: slope (S facing) ~ 20-30m from creek; dry, ~~some~~ some very old large spruce

	Date: <u>23 June 2014</u>	Date: _____	Date: _____
	Temp (°C): <u>55° - 60°</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>0</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>Peromyscus</u> Pero 004 36.73617°N 2586m 105.50059°W		
	<u>Peromyscus</u> Pero 005 36.73622°N 105.49921°W 2606m		
	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 2 / 42 Total Captures: _____ Total Captures: _____
2%

Trapline Datasheet

Locality: USA: New Mexico: Taos Co; 5 Km N, 12 Km E of Questa

Lat: _____ Long: _____ Elev: _____ m GPS Name Pero Datum: WG84 Max error: _____ m

Date set: 22 June 2014 Project/Collectors: CIBA

Trapline #. RLB/MCN 1 Shermans: 55 Tomahawks: _____ Rat: 5 Mus Spec: 50 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Spruce willow, panderosa, narrow leaf cottonwood</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>choke cherry, spruce, grass</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: South hill of campsite with a steep incline for climbing, Northface slope with falling rocks.

	Date: <u>23 June</u>	Date:	Date:
	Temp (°C): <u>50-60°</u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>0</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>Pero 007 inc 1</u> <u>Peromyscus (snap trap)</u> <u>N 36.73484° Error: 259m</u> <u>W 105.49949</u>		
	<u>Pero 008</u> <u>Peromyscus (snap trap)</u> <u>N 36.73444° Error:</u> <u>W 105.49968° 2619m</u>		
	<u>Pero 009 (snap trap)</u> <u>Peromyscus</u> <u>N 36.73438° Error:</u> <u>W 105.49963° 2621m</u>		
	<u>Pero 010 (sherman)</u> <u>Peromyscus</u> <u>N 36.73443 Error:</u> <u>W 105.49992 2629m</u>		
Embryos:	Embryos:	Embryos:	Embryos:
	<u>+ 2 pm captures</u>		

Total Captures: 4 / 110 Total Captures: _____ Total Captures: _____

ignore Pero 006

Trapline Datasheet

Locality: NM: Taos Co; 5km N, 12km E of Questa
 Lat: _____ Long: _____ Elev: _____ m GPS Name Marm Datum: WG84 Max error: _____ m
 Date set: 22 June 2014 Project/Collectors: CIIBA 2014

Trapline #: MLC/NTB line 1 Shermans: 10 Tomahawks: _____ Rat: _____ Mus Spec: 10 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>Spruce, cottonwood, willow, ^{narrow leaf} rose</u>
Understory:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>rose, rose snowberry, chokecherry</u>
Herbaceous:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u>grass, columbine, geranium</u>
Bare soil/rock:	0 <u>1</u> 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	_____	Slope _____ %

Notes: along creek / road thick cover

Captures:	Date: <u>23 June</u>	Date: _____	Date: _____
	Temp (°C): <u>50-60 ° F</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>0</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>Zapus princeps</u> Marm 001 36.73519 N 2540 105.49988 W I 13A		
	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 1/20 = 5% Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: NM, Taos Co., 5Km N, 12 Km E of Questa

Lat: _____ Long: _____ Elev: _____ m GPS Name TUCO Datum: WG84 Max error: _____ m

Date set: 22 June 2014 Project/Collectors: C11BA, 2014

Trapline #: JC/EPH 1 Shermans: 50 Tomahawks: _____ Rat: 5 Mus Spec: 45 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>Douglas Fir, Spruce, Aspen, Alder</u>
Understory:	0 1 2 3 4 <u>5</u> <u>6</u> 7 8 9	_____	<u>Rose.</u>
Herbaceous:	0 1 2 3 4 5 <u>6</u> <u>7</u> 8 9	_____	_____
Bare soil/rock:	0 <u>1</u> <u>2</u> 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> <u>5</u> 6 7 8 9	_____	Slope _____ %

Notes: Creek bottom, thick low cover bordering stream / Steep slope dropping to creek.

	Date: <u>23 June '14</u>	Date:	Date:
	Temp (°C):	Temp (°C):	Temp (°C):
	Precip (mm): <u>Ø</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>Pero</u> <u>Tuco 02</u>		
	<u>Pero</u> <u>Tuco 03</u>		
	<u>Zapus</u> <u>Tuco 04</u>		
	<u>Zapus</u> <u>Tuco 05</u>		
	<u>Pero</u> <u>Tuco 06</u>		
	<u>Pero</u> <u>Tuco 07</u>		
		Embryos:	Embryos:

Total Captures: 6 / 100 Total Captures: _____ Total Captures: _____
6%

Trapline Datasheet

Locality: 16 km SW Challis, Little Bayhorse Lake

Lat: _____ Long: _____ Elev: _____ m GPS Name Pero Datum: WG84 Max error: _____ m

Date set: 26 June 2014 Project/Collectors: CIIBA, 2014

Trapline #. RLB/MCN 1 Shermans: 49 Tomahawks: _____ Rat: 5 Mus Spec: 45 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Spruce Trees, possible cottonwood</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Douglas fir</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: Creek at bottom near North south facing slope

	Date: <u>26 June 2014</u>	Date: <u>27 June</u>	Date: _____
	Temp (°C): <u>50-60°F</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): _____	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<p style="font-size: 1.2em;">No trap captures in trapline.</p>	<p style="font-size: 1.2em;">No captures, pulled line.</p>	
	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 0 Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: Idaho 16 km Ghallis, little Barhorse lake
 Lat: _____ Long: _____ Elev: _____ m GPS Name Sorex Datum: WG84 Max error: _____ m
 Date set: 26 June 2014 Project/Collectors: CIBA 2014

Trapline #. HCO/TWB 1 Shermans: 40 Tomahawks: 0 Rat: 3 Mus Spec: 33 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Spruce, Fir</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: up over a hill then down by lake side

	Date: <u>26 June 2014</u>	Date: <u>27 June 2014</u>	Date:
	Temp (°C): <u>50-60°</u>	Temp (°C):	Temp (°C):
	Precip (mm):	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>No captures</u>	<u>Tamias</u>	
	Embryos:	Embryos:	Embryos:

Total Captures: 0 Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: 16 Km Challis, ID, Little Bayhorse Lake

Lat: _____ Long: _____ Elev: _____ m GPS Name MARM Datum: WG84 Max error: _____ m

Date set: 26-June 2014 Project/Collectors: _____

Trapline #: EPH/NB #1 Shermans: _____ Tomahawks: _____ Rat: _____ Mus Spec: _____ Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0①2 3 4 5 6 7 8 9	_____	<u>limited lodge pole pine</u>
Understory:	0 1 2 3 4 ⑤⑥ 7 8 9	_____	<u>scattered low willow</u>
Herbaceous:	0 1 2 3 4 5 6 ⑦⑧ 9	_____	<u>grasses, sedge meadow</u>
Bare soil/rock:	0 1 ②③ 4 5 6 7 8 9	_____	_____
Litter layer:	① 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: Flat, limited gradient, meadow bordered by lodge pole pine on slope, and broad talus extending up slope; meandering tiny stream

	Date: <u>26 June 2014</u>	Date: _____	Date: _____
	Temp (°C): <u>~55°</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): _____	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>03</u> <u>white-crowned sparrow</u> <u>04</u> <u>Microtus</u> <u>NK 260046</u> pm check <u>Tamias</u> <u>Marm 14</u> <u>Tamias</u> <u>Marm 22</u>		
	Embryos: _____	Embryos: _____	Embryos: _____
	Total Captures: <u>1</u>	Total Captures: _____	Total Captures: _____

Trapline Datasheet

Locality: Idaho; Custer Co; Little Bayhorse Lake, 16 km SW Challis

Lat: _____ Long: _____ Elev: _____ m GPS Name £ Datum: WG84 Max error: _____ m

Date set: 25 June 2014 Project/Collectors: C R I B A 2014

Trapline #: MLC 1 Shermans: 40 Tomahawks: _____ Rat: 5 Mus Spec: 30 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 <u>4</u> 5 6 7 8 9	_____	<u>Lodge pole pine; spruce</u>
Understory:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	<u>Juniperus communis; Vaccinium</u>
Herbaceous:	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	<u>Sunflower, lupine</u>
Bare soil/rock:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	_____
Litter layer:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	Slope _____ %

Notes: up rocky slope w/ small diameter lodgepole pine to talus slope

	Date: <u>26 June 2014</u>	Date: _____	Date: <u>27 June 2014</u>
	Temp (°C): <u>48°</u>	Temp (°C): _____	Temp (°C): <u>45°</u>
	Precip (mm): <u>rain</u>	Precip (mm): _____	Precip (mm): <u>0</u>
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>Microtus</u> (Marm 005) - NK 260045		<u>P. maniculatus</u> (Pero 015)
	<u>Peromyscus maniculatus</u> (Marmosa 006) - NK 260051		44.41456 N
	<u>Tamias ruficaudus</u> (Marmosa 007) } NK 260043		114.38847 W
	44.41470 N, 114.38847 W, 2568m		2584m
	<u>Tamias ruficaudus</u> (Marm 08) } NK 260044		<u>Tamias</u> (Pero 16)
44.41495 N		44.41463 N	
114.38850 W 2574m		114.38843 W 2589m	
pm: (8:00pm) check		<u>P. maniculatus</u> (Pero 017)	
<u>Tamias</u> Marmosa 022 Pero 14		44.41505 N	
		114.38860 W	
		2576m	
Embryos:	Embryos:	Embryos:	
		<u>pulled traps</u>	

Total Captures: 5 / 75

Total Captures: _____

Total Captures: 3 / 75

Trapline Datasheet

Locality: Idaho: Custer Co, 16 Km SW Challis, Little Bayhorse Lake

Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m

Date set: 25 June Project/Collectors: _____

Trapline #.	<u>JAC 1</u>	Shermans:	Tomahawks:	Rat:	Mus Spec	Macabies:	Pitfalls:
					<u>70</u>		
					<u>26 June + 20 MS, 20 shermans</u>		
					<u>Dominant Plant Species</u>		<u>(20 traps set along stream exiting Little Bayhorse Lake)</u>
Overstory:	0 1 2 3 4 5 6 7 8 9	Cover Class	Height/units				
Understory:	0 1 2 3 4 5 6 7 8 9						
Herbaceous:	0 1 2 3 4 5 6 7 8 9						
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9						
Litter layer:	0 1 2 3 4 5 6 7 8 9						
					Slope <u>15</u> %		
Notes:	_____						

	Date: <u>25 June</u>	Date: <u>27 June</u>	Date: <u>28 June</u>
	Temp (°C): _____	Temp (°C): _____	Temp (°C): <u>45°</u>
	Precip (mm): <u>< 2 mm</u>	Precip (mm): _____	Precip (mm): <u>lots of rainfall night</u>
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<p>1 <i>Zapus princeps</i> NK 260042</p> <p>1 <i>Peromyscus maniculatus</i> NK 2600</p> <p>1 <i>Sorex palustris</i> NK 260041</p> <p>1 <i>Tamias ruficaudus</i> NK 260046</p>	<p>1 <i>Microtus longicaudus</i></p> <p>2 <i>Zapus princeps</i></p> <p>1 <i>Peromyscus maniculatus</i></p> <p>1 <i>Microtus montanus</i></p> <p># Added traps (20 MS + 20 shermans)</p>	<p><i>Zapus</i> (Tuc 026)</p> <p><i>Peromyscus</i> (Tuc 27)</p> <p><i>Sorex palustris</i> (Tuc 28) pitfall</p> <p>" " (Tuc 29) shermans</p> <p>Picked up 50 traps (50 60 traps out last night)</p> <p><i>Microtus longicaudus</i> (Tuc 30)</p>
	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 4

Total Captures: 5

Total Captures: _____

Trapline Datasheet

Locality: Idaho: Custer Co., 16 km SW Challis, Little Bayhorse Lake

Lat: _____ Long: _____ Elev: _____ m GPS Name Marm Datum: WG84 Max error: _____ m

Date set: 28 June 2014 Project/Collectors: CIBA

Trapline # JWB, MCN, HCO, RLB Shermans: 50 Tomahawks: 0 Rat: 5 Mus Spec: 45 Macabies: 0 Pitfalls: 0

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>dominant lodge pine, spruce</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>junipers</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	<u>spruce, cottonwood, lupine</u>
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope <u>15</u> %

Notes: Talus hilltop just North of camp with a south facing slope that was high in climbing (very steep w/ falling rocks).

	Date: <u>28 June 2014</u>	Date: _____	Date: _____
	Temp (°C): <u>45 - 55° F</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>< 2 mm</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	Mamm 022 (shaman) <i>Peromyscus</i> N 44.41372° E: 2539m W 114.38338°		
	Mamm 023 (snap) <i>Peromyscus</i> N 44.41442° E: 2554m W 114.38223°		
	Mamm 024 (snap) <i>Tamias</i> N 44.41472° E: 2569m W 114.38187°		
	Mamm 025 (snap) <i>Peromyscus</i> N 44.41467° E: 2572m W 114.38181°		
	Embryos: <u>0</u>	Embryos: _____	Embryos: _____

Total Captures: 4

Total Captures: _____

Total Captures: _____

Trapline Datasheet

Beaver head - Deer Lodge National Forest

Locality: Montana; Beaverhead Co.; 2 km N Tower Mtn; Thief Creek,

Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m

Date set: 28 June 2014 Project/Collectors: CIIBA 2014

Trapline #: MLC/RLB 1 Shermans: 4⁵⁰ Tomahawks: _____ Rat: 5 Mus Spec: 75 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	<u>(Douglas fir)</u>
Understory:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>Artemisia tridentata, Vaccinium</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	<u>lupine, cinquefoil,</u>
Bare soil/rock:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	_____	Slope _____ %

Notes: Sagebrush-covered basin + slope, along base of valley + up slope to Douglas fir treeline

Date: <u>29 June 2014</u>	Date: _____	Date: _____
Temp (°C): <u>50°</u>	Temp (°C): _____	Temp (°C): _____
Precip (mm): <u>0</u>	Precip (mm): _____	Precip (mm): _____
Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
<p><u>Peromyscus maniculatus</u></p> <p>N 45.42083° E: 2142m W 112.88556°</p> <p>P. <u>manic.</u></p> <p>N 45.43049° E: 2142m W 112.8857°</p> <p>P. <u>manic</u></p> <p>N 45.42056° E: 2141m W 112.8854°</p> <p>P. <u>manic</u></p> <p>N 45.42093° E: 2147m W 112.88563°</p> <p>P. <u>manic</u></p> <p>N 45.42112° E: 2191m W 112.88590°</p> <p>P. <u>manic</u></p> <p>N 45.42218° E: 2191m W 112.8854°</p> <p>P. <u>manic</u></p> <p>N 45.42217° E: 2192m W 112.88555°</p> <p>Embryos: _____</p> <p>P. <u>manic</u></p> <p>N 45.42253° E: 2201m W 112.88544°</p> <p>† <u>2 pups escaped</u></p>	Embryos: _____	Embryos: _____

Total Captures: 9/100 Total Captures: _____ Total Captures: _____

9%

pulled line

Trapline Datasheet

Locality: Montana; Beaverhead Co; 2 km N Tower Mtn
 Lat: _____ Long: _____ Elev: _____ m GPS Name Tucs Datum: WG84 Max error: _____ m
 Date set: 28 June 2014 Project/Collectors: _____

Trapline #. MLC #1 Shermans: 10 Tomahawks: _____ Rat: _____ Mus Spec: 0 Macabies: _____ Pitfalls: 10

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 <u>7</u> 8 9	_____	<u> Doug fir, spruce, aspen</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u> willow, water birch, vaccinium</u>
Herbaceous:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u> strawberry, Achillea,</u>
Bare soil/rock:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	Slope _____ %

Notes: Along creek margin at lower edge of N-facing slope in trees;
doug fir, aspen

	Date: <u>29 June</u>	Date: <u>30 June 2014</u>	Date: _____
	Temp (°C): <u>56°</u>	Temp (°C): <u>50°</u>	Temp (°C): _____
	Precip (mm): <u>0</u>	Precip (mm): <u>50</u>	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>Sorex palustris (Tuco 31)</u>	<u>Zapus Tuco 044</u>	
	<u>Zapus princeps (Tuco 32)</u>	<u>Zapus Tuco 45</u>	
	<u>Zapus princeps (Tuco 33)</u>	<u>Microtus longicaudus Tuco 46</u>	
	<u>Zapus princeps (Tuco 34)</u>	<u>Sorex cinereus Tuco 47</u>	
	<u>Sorex sp. (Tuco 35)</u>		
Embryos:	Embryos:	Embryos:	

Total Captures: _____ Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: Montana, Beaverhead Co.; 2km N Tower Mountain

Lat: _____ Long: _____ Elev: _____ m GPS Name Tuco Datum: WG84 Max error: _____ m

Date set: 28 Jun 2014 Project/Collectors: _____

Trapline #: BMQ/TAC Shermans: 50 Tomahawks: Rat: 13 Mus Spec: 35 Macabies: Pitfalls:

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: Along creek - same as MCC line 1

	Date: <u>29 Jun 2014</u>	Date: <u>30 Jun 2014</u>	Date: _____
	Temp (°C): _____	Temp (°C): _____	Temp (°C): _____
	Precip (mm): _____	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<p>1 <i>Sorex palustris</i></p> <p><i>Zapus princeps</i></p> <p><i>Peromyscus maniculatus</i></p>	<p><i>Zapus princeps</i> (Tuco 050)</p> <p><i>Zapus princeps</i> (Tuco 049)</p> <p><i>Peromyscus maniculatus</i> (juvenile, Tuco 053)</p> <p><i>Peromyscus maniculatus</i> (Tuco 054)</p> <p><i>Microtus</i> (Tuco 055)</p> <p><i>Zapus princeps</i> (Tuco 48)</p> <p><i>Zapus princeps</i> (Tuco 56)</p> <p><i>Zapus princeps</i> (Tuco 51)</p>	<p>Embryos:</p> <p><i>Peromyscus maniculatus</i> (Tuco 52)</p>
Embryos:			

Total Captures: 7 Total Captures: 9 Total Captures: _____