

9-10-2010

Mammalogy Class 2010 Field Notes

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Steinberg, Claire. "Mammalogy Class 2010 Field Notes." (2010). https://digitalrepository.unm.edu/msb_mammals_field_notes/281

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Mammalogy Field trip #1: Rio Arriba County
September 10-12, 2010

ROAD LOG:

- I-25 North from Albuquerque
- exit 282 to NM-599 Santa Fe Bypass
- Merge onto US-285 North / US-84 North
- North of Española turn right onto US-285 North
- continue to Antonito, ~~County~~ Colorado
- turn left going west
- Hit dirt road @ 0.59 miles
- left on 443 @ 1.4 miles
- 4.7 miles on left: Jason Maloney's trapline
- ~~4.1~~ 4.2 miles: main camp site.

Open area under trees along river

PARTICIPANTS:

Joe Cook (JAC)	Vanessa Martinez (VLM)
Ernie Valdez (EDV)	Camille Padilla (CEP)
Brooks Kohli (BAK)	Mario Valencia (MV)
Kayce Bell (KCB)	Jason Maloney (JLM)
Christina Frank (CMF)	Carrie Crabtree (CAC)
Alexandra Hansell (AWH)	Toby Weisenhaus (TJW)
Matthew Jones (MJT)	Ben Stanley (BDS)
David Draper (DLD)	Clare Steinberg (CES)

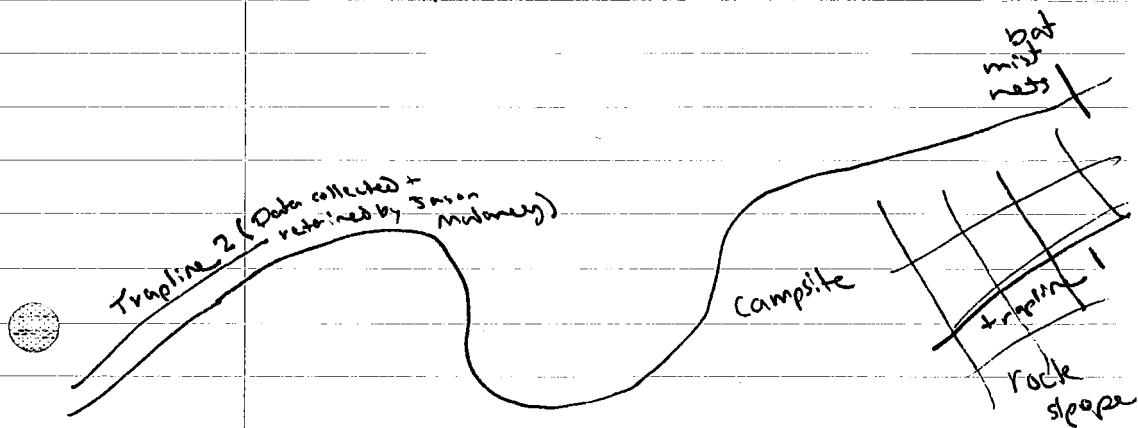
SITE DESCRIPTION:

Riparian area around Rio de los Pinos, Rio Arriba Co., NM
lat: 35.9776 N long: 106.1770 W elev: 2551 m

Wide rocky river edged with ponderosa pine forest in canyon. Rabbit brush, junipers, blue spruce, Douglas fir, willow, alfalfa, rose, alder, ponderosa common. Beaver dam up river from most trap line. One slope of canyon very steep and covered with loose rock. Dirt road running along river. Signs of recreational use and cows in area.

WEATHER: T-shirt weather in afternoon, below freezing over night. No temperature data was taken. Sunny. Full moon.

SITE MAP:



SPECIES LIST:

Peromyscus maniculatus

Tamias quadrivittatus

Neotoma mexicana

Microtus pennsylvanicus

Microtus longicaudus

Spermophilus lateralis

Myotis velox

Eptesicus fuscus

Lasiurus cinereus nictivagus

TRAPLINE DATA SHEET

Locality: NM: Hidalgo Co. Peloncillo Mtns Biome: desert scrubland
 Lat: 31.516N Long: 108.9245W Elev: 1650m
 Date: Sept 24-26, 2010 Project/Collectors: Brooks Kohli, Clare Steinberg
 Notes (Moon; weather; temp.): large moon

Trapline No. CS-BAR1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Juniper, grasses, mesquite</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>yucca</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:	<u>0-10 %</u>		

Set late evening Sept. 24. left to morning of 26th
 Captures: 0

Trap #: NK Number Species Ecological Data

40
 Shermans
 set

Trapline No. CS-BAR2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Grasses, oak, mesquite,</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>some juniper</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	_____	<u>set Sept. 25. left until</u>
Litter layer depth:	0 1 2 3 4 5 6 7 8 9	_____	<u>morning of 26th</u>
Slope:	<u>0-5 %</u>		

21 Shermans, 19 museum specials set
 Captures: 2

Trap #: NK Number Species Ecological Data

#9 (Sherman) Beneath scrub oak

#10 (Sherman) under shrub

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

Mammalogy Field Trip #2: Peloncillo Mountains
September 24-26, 2010

RODLOG:

- I-25 South from Albuquerque for 297.8 km
- turn North on NM-265/State Road 543 towards Hatch. Drive 208 km
- From Hatch, continue on NM-265 West/Hall Street for 74.4 km
- turn on US-180E/N Gold Ave. Drive 1.96 km to Deming
- In Deming, turn on I-10W. Drive 113.491 km
- Turn on NM-338S. Drive 84.32 km
- turn on Co Road 004/Geronimo Trail. Drive 1.6 km
- camp site is on left side of road by river

PARTICIPANTS:

Meredith Williams (MWW)	Stephen Webb (SRW)
Brooks Kohli (BAK)	Jonathan Schmitt (JS)
Christina Frank (CMF)	Majorie Macdonel
Alexandra Hanson (AHN)	Matthew Jones (MRT)
Sara Peska (SMP)	Carrie Crabtree (CRC)
David Draper (DLD)	Mario Valencia (MV)
Vanessa Martinez (VMT)	Joe Cook (JAC)
Kayce Bell (KCB)	Sylvia Brunes
Camille Padilla (CEP)	John Donham + family

Lydia Zeglich
Steve MacDonald
Clare Steinberg (CES)

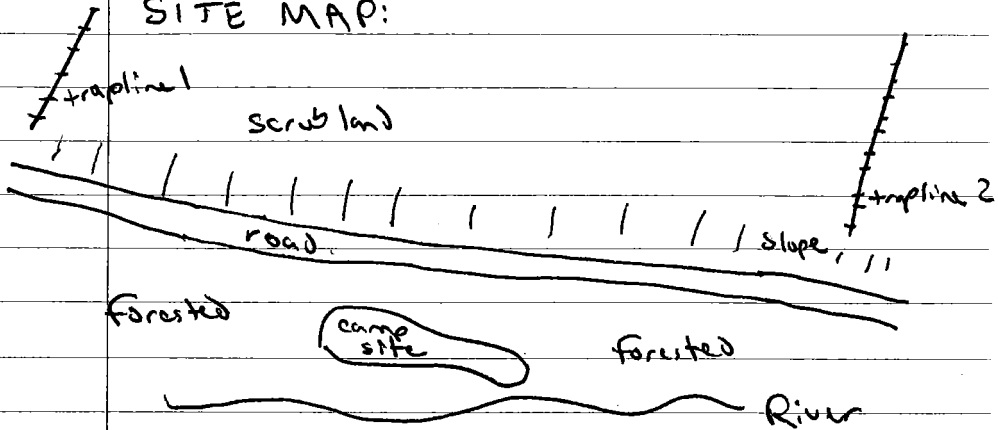
SITE DESCRIPTION:

New Mexico: Hidalgo County, Peloncillo Mountains
lat: 31.5165N long: 108.98645W elev: 1650m

Riparian area through desert scrubland area. Forested along river, ~~but~~ but land slopes gently up from water and tree density drops off quickly. Alligator juniper, grandma grass, quercus oak, wild grape, yucca, tall grasses, mesquite. Dirt road running along river. Signs of recreational use, and area frequently patrolled by Border Patrol and National Guard. River small, narrow, and rocky.

WEATHER: Temperature not taken, but t-shirt weather during day and cool in the evening. Sunny. Large moon.

SITE MAP:



SPECIES LIST:

- Spermophilus variegatus*
- Chaetodipus penicillatus*
- Neotoma albigula*
- Peromyscus boylii*
- Mephitis mephitis*
- Thomomys bottae*
- Chaetodipus hispidus* or *boylii*

TRAPLINE DATA SHEET

Locality: _____ Biome: Shrub/Grassland
 Lat: _____ Long: _____ Elev: _____
 Date: 25 Sept 2010 Project/Collectors: _____
 Notes (Moon; weather; temp.): _____

Trapline No. CES-BAK1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Juniper, grasses, mesquite,</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>yuca</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:	<u>0-10 %</u>	_____	_____

Captures: 0

Trap #:	NK Number	Species	Ecological Data
<u>40</u>	_____	_____	_____

26 Sept 2010

Trapline No. CES-BAK2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Grasses, oak, mesquite</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>some juniper</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 depth:	0 1 2 3 4 5 6 7 8 9	_____	_____
Slope:	<u>0-5 %</u>	_____	_____

Captures: 28 shermans, 19 snags

Trap #:	NK Number	Species	Ecological Data
<u>9-1</u>	_____	<u>sherman</u>	<u>Beneath scrub oak in grassland</u>
<u>10-1</u>	_____	<u>sherman</u>	<u>shrubby</u>

WP 10
WP 9

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

Brooks & Clare

9-24 8-2am

160 paces down road (south?) from camp entrance

- right side

- ~ every 10 paces

* 2 traps / station - 40 total

Large moon

TRAPLINE DATA SHEET

Locality: 54 km S, 36 km W Socorro, Forest Rd 225 Biome: Chihuahuan desert grassland
 Lat: 33.54171° N Long: 107.28344° W Elev: 1747m accuracy: 18ft
 Date: 30 October 2010 Project/Collectors: S.S. Thompson 40
 Notes (Moon; weather; temp.): 1/4 moon, clear, hot (80F) in day, cool (66F) in night

		Trapline No.	
	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	<u>3-4m</u>	<u>Juniperus monosperma, Quercus spp.</u>
Understory:	0 1 2 3 4 5 6 7 8 9	<u>0.5-1.5m</u>	<u>Bouteloua gracilis, Fallugia paradoxa,</u>
Herbaceous:	① 1 2 3 4 5 6 7 8 9	_____	<u>↳ Rhus trilobata</u>
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	<u>sandstone shale, coarse textured gravelly soil</u>
Litter layer:	① 1 2 3 4 5 6 7 8 9	_____	
Slope:	<u>0</u> %		
Captures:			
Trap #:	NK Number	Species	Ecological Data
		<u>Peromyscus boylii</u>	<u>Snap (museum special) under J. monosperma</u>
Total #: <u>59</u>			
<u>↳ 39 shermans</u>			
<u>20 museum specials</u>			

		Trapline No.	
	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	<u>3-4m</u>	<u>Juniperus monosperma, Quercus spp.</u>
Understory:	0 1 2 3 4 5 6 7 8 9	<u>0.5-1.5m</u>	<u>Bouteloua gracilis, Fallugia paradoxa</u>
Herbaceous:	① 1 2 3 4 5 6 7 8 9	_____	<u>↳ Rhus trilobata</u>
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	<u>Sandstone shale, coarse textured gravelly soil</u>
Litter layer depth:	① 1 2 3 4 5 6 7 8 9	_____	
Slope:	_____ %		
Captures:			
Trap #:	NK Number	Species	Ecological Data
		<u>Neotoma albigula sherman</u>	<u>under F. paradoxa</u>
		<u>Peromyscus eremicus</u>	<u>sherman, under J. monosperma</u> <u>side of grass meadow</u>
		<u>Peromyscus boylii</u>	<u>sherman, under J. monosperma</u> <u>side of grass meadow</u>
Total #: <u>60</u>			
<u>↳ 39 shermans</u>			
<u>21 museum specials</u>			

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

TRAPLINE DATA SHEET

Forest Rd 225, 54 km S, 36 km W

Locality: NM Socorro Co, San Mateo Mtns, Biome: Socorro
 Lat: _____ Long: _____ Elev: _____
 Date: 29 Oct - 31 Oct 2000 Project/Collectors: Mammal Class
 Notes (Moon; weather; temp.): _____

Trapline No. JAC-BAK1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Mesquite, Fallugia, juniper</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:	_____ %		

Captures: 14 total animals

Trap #:	NK Number	Species	Ecological Data
		<u>Neotoma</u>	
		<u>Dipodomys merriami</u>	
		<u>Onychomys torridus</u>	
		<u>Dipodomys spectabilis</u>	

Trapline No. JAC-BAK1

	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 depth:	0 1 2 3 4 5 6 7 8 9	_____	_____
Slope:	_____ %		

Captures: 4 total animals

Trap #:	NK Number	Species	Ecological Data
		<u>Thomomys</u>	
		<u>Peromyscus</u>	
		<u>Neotoma</u>	
		<u>Dipodomys</u>	

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%