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Mammalogy Class 2010 Field Notes

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Trip 1

Field Journal

1. Road Log - From Albuquerque, take I-25 North past Santa Fe & onto Highway 285. Take Highway 285. Take Highway 285 from Española, north toward the Colorado border. Take a left on "Rd E" & follow several miles (~10 mi)

2. Participant list -

Meredith Zullino MNW

Brooks Kohli BAK

Christina Frank CMF

Carrie Coaltree CAC

Alexandra Hansell AWH

Joly Weisenborn ~~TSW~~ TSW

~~Alexandra Hansell~~

Matthew R. Jones MRS

Ben Storky BDS

David Draper DLD

Zenosa Martinez VLM

Kayce Belle KCB

Clara Steinberg CES

C. Jonathan Schmitt CJS

Mario Zulenica MV

~~Jonathan~~
Joseph A. Cook

JAC

Sason L. Maloney SLM

Conille Padilla CP

Ernie Valdez

9/12 check - 3 caught / 50 traps

9/11

~~check~~ check -

8

11 caught / 50 traps = ~20%

9.

Species list -

Peromyscus maniculatus

Neotoma mexicana

Tamias quadrivittatus

Lasionycteris noctivagans

Eptesicus fuscus

Myotis volans

Spermophilus lateralis

10.

Additional Info

Trees & plants seen

Cottonwood - *Populus angustifolia*

Juniper

Rose

willow

melilotis

sedge

TRAPLINE DATA SHEET

Locality: USA: NM, Socorro 54 km S, Biome: _____
 Lat: _____ Long: _____ Elev: 36 km W of Socorro
 Date: 29 October - 31 October Project/Collectors: _____
 Notes (Moon; weather; temp.): 2010

	Cover Class	Trapline No.	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:	_____ %			

Captures:

Trap #:	NK Number	Species	Ecological Data
Trapline data sheet same as Meredith Williams			

	Cover Class	Trapline No.	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:

Trap #:	NK Number	Species	Ecological Data

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%

Trip 3

1.) Road log - South on I-25 from UNM for 129 miles. Take exit 115 & turn left (heading East), crossing over I-25. After crossing Sully take right (heading south) on El Camino Real IHC Highway 1. Continue on Highway 1 for 12 miles until taking right on Forest Rd. 225. Camp is ~4 miles down Forest Rd. 225.

2.) Participant list -

Meredith Quilliams	MNU
Brecks Khabli	BAK
David Draper	DLD
Matt Jones	MRT
Stephanie Webb	SRW
Alexandra Hansell	AHHR
Kat Schneider	KMS
Mario Valencia	MVA
Taly Resenhars	TJR
Sara Peslo	SMP
Jonathan Schmitt	CJS
Kayie Bell	KVB
Joseph A. Coole	CJS
Ben Stanley	BOS
Jason Thomas	
Marjorie McInnell	
Sophia Thompson	SST
Shawn Whitman	SBW
Shawn Whitman	

- 3.) General site description: The site was a very dry desert habitat indicative of the South that it is in the Chiricahua Desert. Little if any tree cover present with mostly shrubby juniper & mesquite present in large numbers. Signs of overgrazing seen throughout the site.
- 4.) Locality: USA: NM, Socorro Co, Forest Rd 225; 14 km S, 36 km W
- 5.) Weather: Weather was very clear with few clouds present. Average high was in the 70°F & the lows were more in the upper 30°F & 40°F .
- 6.) Desc. of trapline - Trapline ran east from camp through desert grassland. To the South 10-20 m was a dry ravine. At trapsite 19 the line turned North to avoid crossing another trapline. Trap 26 & 31 were around kangaroo rat burrows. There was no overstory present in the trapline.

(cont.)

Trapline information

Name of line: TSW/MNW-1

Partner: Meredith Sullivan

Number & type of traps: 18 snap traps & 50 Shermans set on Afternoons of Oct. 28, during the day of Oct. 30 they were checked & they were collected on the morning of 31 Oct.

← 7)

Trap

8.)

Oct 30 morning: 3 total 0% success
Oct 31 morning: 2 Perognathus florus 20, 31
1 Dipodomys merriami 21
Trap success 4.35%

9)

Species list -

Peromyscus boylii

Peromyscus maniculatus

Neotoma albigula

Perognathus florus

Onychomys leucogaster

Dipodomys merriami

Dipodomys spectabilis

Thomomys laticauda

Chaetodipus penicillatus

Sylvilagus auduboni

10) Additional info -

Despite our trephine not being very successful, the trip as a whole was very successful. We caught most of the mammal diversity of the particular area that we visited & generated significant data regarding the condition of the existing populations.