

9-10-2010

Mammalogy Class 2010 Field Notes

Christina Frank

Follow this and additional works at: https://digitalrepository.unm.edu/msb_mammals_field_notes

Recommended Citation

Frank, Christina. "Mammalogy Class 2010 Field Notes." (2010). https://digitalrepository.unm.edu/msb_mammals_field_notes/271

This Article is brought to you for free and open access by the Museum of Southwestern Biology at UNM Digital Repository. It has been accepted for inclusion in Division of Mammals - Field Notes and Catalogs by an authorized administrator of UNM Digital Repository. For questions or technical help with UNM's Digital Repository, please contact disc@unm.edu.

* Specific Locality: USA: NM; Rio Arriba Co; Rio de
Los Pinos, 3 Km W San Miguel Lat: 35.9576
Long: -106.1770 Elev: 2551 m Sept 10-12 2010

Trip # 1 Rio Arriba County

* Road Log * September 10-12 2010

- Left UNM and got on I-25 N
- exit 282 599 Santa Fe bypass
- Merged onto US-285 N / US-84 N
- North of Espanola turned Right onto US 285 N
- Stayed on 285 N till Antonito CO, turned left going west
- Hit dirt road at 0.59 mi:
- Left on 443 at 1.4 mi:
- at 4.7 miles Malaney's trapline
- at 8.8 mi: continue straight.

* People present initials *

- | | |
|------------------------|-----|
| • Christina M. Frank | CMF |
| • Brooks A. Kohl | BAK |
| • Carrie A. Crabtree | CAC |
| • Alexandra W. Hahsell | AWH |
| • Toby J. Weisenhaus | TJW |
| • Ben D. Stanley | BDS |
| • David L. Draper | DLD |
| • Meredith Williams | MW |
| • Vanessa L. Martinez | VLM |
| • Kayce Bell | KCB |
| • Clare Steinberg | CES |
| • C. Jonathan Schmitt | CJS |
| • Mario G. Valencia | MGV |
| • Joseph A. Cook | JAC |
| • Jason L. Malaney | JLM |
| • Camille E. Padilla | CEP |
| • Ernest D. Valdez | EDV |

Trip # 1 *Site Description *

Los Pinos river is a riparian habitat. East of our campsite is a river ~25ft wide. September has provided a very green surrounding. The coverage of land by trees is ~70%. The species contributing to the cover are rabbit brush, Mollen, narrow leaf cottonwood, oak, Rocky mountain junipers, Conifers: Blue spruce, Douglas Fir, willow, Alfalfa, Rose, Alder and Ponderosa. The understory is not very dense, on average ~3 inches. The overstory ranges in height from 20ft to 200ft or more.

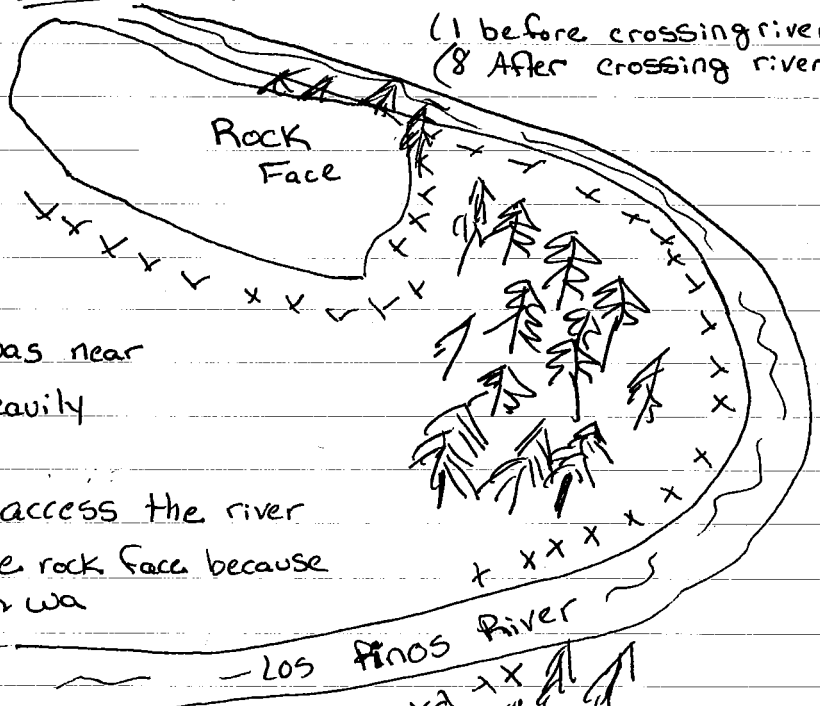
* Weather: The weather was sunny during the day with sparse cloud cover. Mild temperatures in the 70° F range daily. The nights were clear skies with cooler temperatures probably in the low 40's although no official readings were taken.

Trip #1 Species List; traplines from everyone.

1. *Peromyscus maniculatus*
2. *Tamias quadrivittatus*
3. *Neotoma mexicana*
4. *Microtus longicaudus*
5. *Microtus pennsylvanicus*
6. *Spermophilus lateralis*
7. *Myotis volans*
8. *Eptesicus fuscus*
9. *Lasiurus noctivagans*

* CMF-CAC-1 *

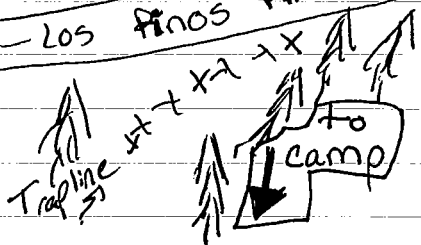
9 specimens total
(1 before crossing river)
(8 after crossing river)



- Best success was near water + heavily grassed

- we couldn't access the river next to the rock face because vegetation was

(67 traps total)



* Specific Locality: USA; NM: Hidalgo Co: Peloncillo Mountain S. Lat: 31. 516 51 N Long: 408. 98045 W
Elev: 1650m inclusive dates: 24 Sept 2010 - 26 Sept 2010

Trip #2 Hidalgo County

* Road Log *

* 24-September -2010 -

* 26-September-2010

We took I-25 South from UNM Campus for 292.8 Km and then turned onto NM-265/State Road 543 toward Hatch for 2.08 Km. In Hatch, we continued on NM-26 S/W Hall St. for 74.4 Km until turning onto US-180 E/N Gold Ave. for 1.96 Km to Deming. In Deming we turned onto I-10 west for 113.44 Km. We then turned onto Co Rd C004/Geronimo trail for 1.6 Km. Our camp was on the south side of the road.

* Participant List *

Meredith Williams	MNW
Brooks Kohli	BAK
Christina Frank	CMF
Alexandra Hansell	AWH
Sara Peska	SMP
David Draper	DLD
Camille Padilla	CEP
Stephen Webb	SRW
Jonathan Schmitt	JS
Kat Schroeder	KMS
Matt Jones	MRT
Carrie Crabtree	CAC
Mario Valencia	MVA

Trip # 2 Hidalgo
County

* Participant List continued *

Clare Steinberg	CES
Kayce Bell	KCB
Joseph A. Cook	JAC
Sylvia Bruner	SB
Jon Donnam + Family	
Andrew Hope	AH
Lydia Zeglich	LZ
Steve MacDonald	SM
Marjorie McConnel	MM
Robert	R
Gordon	G

* CAC-CME-1 *

- This trapline followed the creek upstream on our camp side, so no river crossings were necessary to check traplines. The ~~even~~ ^{Saturday} morning check we had caught 1 neotoma albigula. Around lunchtime Sylvia and Marjorie had added #'s to the Sherman traps. Our 2nd pass we had captured a Sonoran whipsnake *Masticophis bilineatus* (confirmed by Gordon) in trap # 147.

Hidalgo County

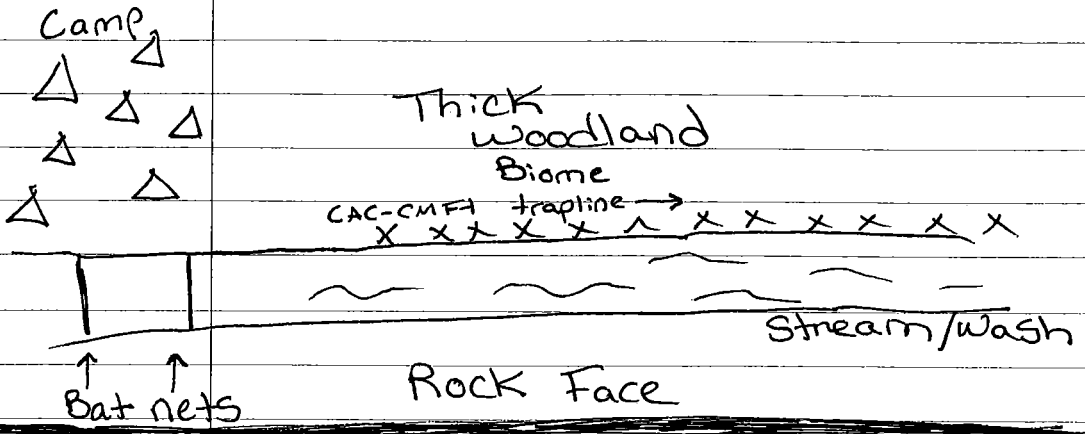
Trip #2 * Site Description *

Campground: (~~W~~^{East} side of road) lots of overstory around camp. There is a creek/river/stream next to our camp + ~~W~~^{East} of the water is a steep rock incline. N of the dirt road is grassland with little overstory (~20%). In camp the overstory was (~50ft in height). Understory ranges from minimal ~30% to very dense ~60%. The trees were Oak, there was alligator juniper, wild grape and grandma grass. Out in the meadow outside of the woodland was grass and Yucca.

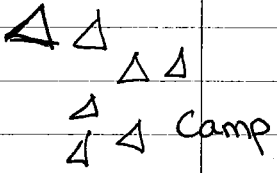
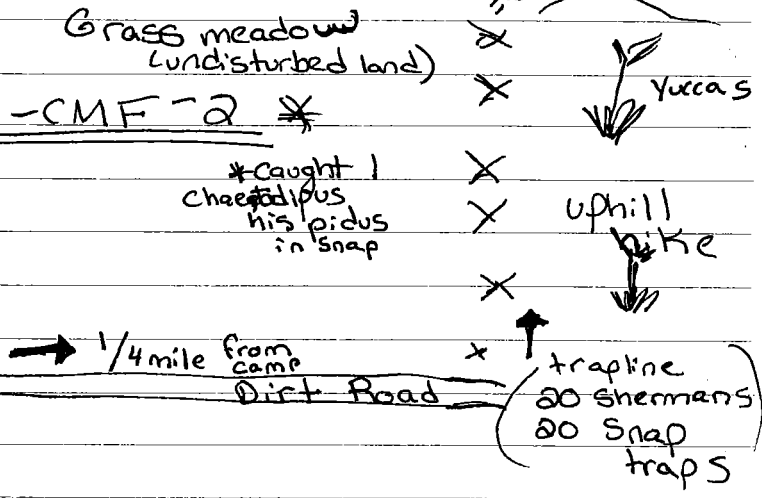
Weather We had moderate temperatures (in comparison to the first trip much warmer in the days and nights). The river/creek next to the camp made the evenings feel humid. The moon was full and the moonlight may have discouraged ~~activity~~ ^{mammal} activity. Daytime skies were clear with lots of sunshine. There were a lot of herps present on moonlight hikes.

Trip # 2 Hidalgo County

* CAC-CMF-1 *



* CAC-CMF-2 *



wash

Hidalgo County

* Trip #2 Combined Species List *

Spermophilus lateralis
Chaetodipus penicillatus
Neotoma albigula
Peromyscus boylii
Mephitis mephitis
Thomomys bottae
Chaetodipus hispidus

TRAPLINE DATA SHEET

Locality: NM: Rio Arriba Co.; Rio de los Pinos, 3km W San Miguel Biome: Riparian
 Lat: 35.9576 Long: -106.1710 Elev: 2850m
 Date: 10-12 Sept 2010 Project/Collectors: Christina Franks
 Notes (Moon; weather; temp.): See field weather notes

Trapline No. CMF-CAC-1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Alnus-Alder, willow, Juniper,</u>
Understory:	0 1 2 3 4 5 6 7 8 9	_____	<u>Rose, Blue Spruce, ponderosa</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:

Trap #:	NK Number	Species	Ecological Data
		1 Neotoma mexicana	
7	6	Peromyscus maniculatus	
		1 Peromyscus (ended up being maniculatus)	
		Peromyscus	
		1 Microtus longicaudus	

Trapline No. ~~CMF-CAC-1~~ CMF-CAC-2

	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:

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%

TRAPLINE DATA SHEET

Locality: US: NM; Hidalgo Co; Peloncillo mtns. Biome: woodland
 Lat: 31.5165 N Long: -106.1778 W Elev: 1650 M Project/Collectors: Christina M Frank
 Date: 24 Sept 2010 - 06 Sept 2010 Project/Collectors: Carrie A. Crabtree
 Notes (Moon; weather; temp): Full Moon / See weather notes
moderate temperature

Right next to stream bed Trapline No. CAC-CMF1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 <u>8</u> 9	_____	<u>Alligator juniper, wild grape</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u>Oak, Grandma grass</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	_____	_____
Slope:	<u>0</u> %		

Captures:

Trap #:	NK Number	Species	Ecological Data
<u>147</u>		<u>1 Neotoma macrotis</u>	<u>Albigula</u>
		<u>1 Masticophis bilineatus</u>	<u>(Sonoran whipsnake)</u>

Trapline No. CAC-CMF2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	<u>0</u> 1 2 3 4 5 6 7 8 9	<u>0M</u>	<u>Grandma grass</u>
Understory:	0 1 2 3 4 5 6 7 <u>8</u> 9	_____	<u>Yucca</u>
Herbaceous:	0 1 2 3 4 5 6 7 <u>8</u> 9	_____	_____
Bare soil/rock:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Litter layer depth:	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	_____
Slope:	<u>30</u> %		

Captures:

Trap #:	NK Number	Species	Ecological Data
<u>snare trap</u>		<u>1 Chaetodipus hispidus</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%