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Mammalogy Class 2010 Field Notes

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Road Log - From UNM we headed I-25N, took Exit 282 599 Santa Fe bypass, Merged US285N/US84N North to Espanola, Right on US 285N till Antonito county then left going west. Hit dirt road at 0.59 mi, left on 443 @ 1.4 mi, at 4.7 miles hit malaneys trapline, @ 8.8 m continue straight.

Participant List

Brooks Kohli BAK

Christina Frank CMF

Alexandra Hensell AWH

Toby Weisenhauer TSW

Matthew Jones MRJ

Ben Stanley BDS

David Draper DLD

Meredith Williams MW

Vanessa Martinez VLM

Kayce Bell KCB

Claire Steinberg CES

C. Schinathan Schmitt CS

Mario Valencia MGV

Joseph A. Cook SAC

Jason Malaney JLM

Camile Padilla CEP

Carrie Crabtree CAC Ernie Valdez ENBU

General site description - narrowleaf cottonwood (*Populus angustifolia*)

Riparian, Rocky Mountain Juniper (*Juniperus scopulorum*)

Blue Spruce (*Picea pungens*), Ponderosa Pine

(*Pinus ponderosa*), Alder (*Alnus glutinosa*).

Willow (*Salix lasiandra*). 20% overstory

40% understory, 70% herbaceous, 70% litter layer

official locality

US: NM: Rio Arriba Co; Rio del los Piños, 31km W
San Miguel, 35.9576N, 106.1770W

Weather

There was a new moon. The temperature was 4°C, cold but not quite freezing. Some frost was present on traps earlier in the morning. The day was average temperature 20°C.

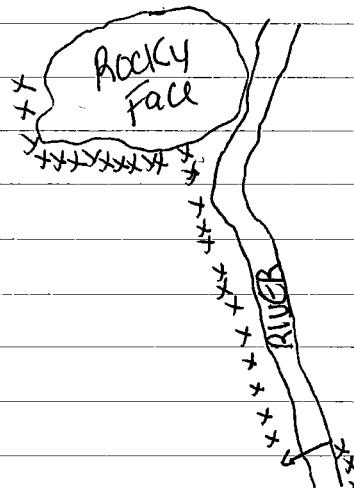
Trapline information

name - CMFCACI

people - Carrie Crabtree and Christina Frank

Traps - 72 sherman traps

Traps were set across the river from camp in a riparian habitat. There was approximately 60% cover, 20% overstory. Narrowleaf Cottonwoods were abundant. Also present were Rosa, Juniper, Blue spruce and willow.



Tally of captures

9/11 → 1st day - 6 *Peromyscus maniculatus*

1 *Peromyscus maniculatus* - was thought to be
~~maniculatus~~ different at first

1 *Neotoma mexicana*

9/12 → 2nd day - 1 *microtus longicaudus*

Species list for trip

Peromyscus maniculatus

Tamias quadrivittatus

Neotoma mexicana

Microtus pennsylvanicus

Microtus longicaudus

Spermophilus lateralis

Myotis volans

Eptesicus fuscus

Lasionycteris noctivagans

TRAPLINE DATA SHEET

Locality: NM: Hidalgo; Peloncillo mountains Biome: woodland
 Lat: 31.515N Long: 108.904W Elev: 1650m
 Date: 24-26 Sept 2010 Project/Collectors: Carrie Crabtree
 Notes (Moon; weather; temp.): full moon; cloudy; humid

	Cover Class	Trapline No.	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	Height/units	Alligator Juniper, Grandia Grass
Understory:	0 1 2 3 4 5 6 7 8 9		wild grape, oak, Pinon Juniper
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:	0 %		
<u>Captures:</u>			
Trap #:	NK Number	Species	Ecological Data
	147	I-Neotomaalbigularis	
		I-Sonoranwiptail	

	Cover Class	Trapline No.	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	Height/units	Grandia grass, Yucca
Understory:	0 1 2 3 4 5 6 7 8 9		gramagress
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:	0 %		
<u>Captures:</u>			
Trap #:	NK Number	Species	Ecological Data
		I-Chrotodipus hispidus	

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%

Road log

From NM go I-25 S to Hatch NM Take 26 to Demming, NM, Go South of Ainas to Geronimo Trail road go west 7.0 corona National Forest 8.2 camp on south side of road.

Participant List

Brooks Kohli BAK

Christina Frank CMF

Alexandra Hansell AWI

Sara Pesko SMP

David Draper DLD

Camille Padilla OEP

Stephan Webb SPW

Jonathan Schmitt JSS

Kat Shroeder KAS

Matt Jones MJ

Meredith Williams MW

Mario Valencia MU

Clare Steinberg CEJ

Kayce Bell KCB

General site descriptions

woodland area with Alligator Juniper (*Juniperus deppeana*)
Gramma grass (*Bouteloua gracilis*) oak (*Quercus rotundifolia*)
and wild grape (*Vitis cordata*) Pinyon Juniper (*Pinus edulis*)
Near camp there is 80% overstory, 50% understory,
20% herbaceous and next to the creek (60%)
Bare Soil / Rock and 50% litter layer. Across the

road where our other trapline was located there was no overstory and 80% under story dominated by ~~Grass~~ ~~Grass~~ and yucca.

OFFICIAL locality

US: NM: Hidalgo; Peloncillo mountains. 31.5165N
108.98645W Elevation 1650m

weather

During the day it was hot 26°C with the night being quite warm 15°C. The moon was full providing a lot of light.

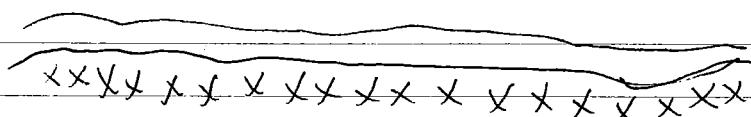
Trapline information

name - CACCMFI

people - Carrie Crabtree and Christina Frank

Traps - 40 Sherman's

Traps were set along side a creek with 80% overstory dominated by Juniper and 50% under story with wild grape. There was 60% bare soil and rock 50% litter layer and no slope.



CACMF

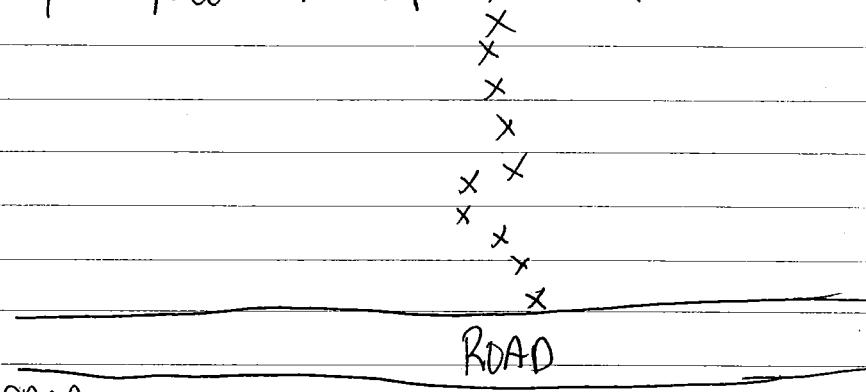
CAMP

Name - CACCMF2

People - Carrie Crabtree and Christina Frank

Traps - 20 shermans 20 snap traps

Trapline was set 0.5 mi ~~south~~ down the road
of camp. There was no overstory and 80% under
story dominated by gramma grass with a few
spare yucca. The slope of the hill was 30%.



Every sherman was set by a snap trap.

Tally of captures

9/25 1st day 1 - *Neotoma albigula*

1 - Sonoran whiptail - by accident

9/26 2nd day 1 - *Chaetodipus hispidus*

Species list

Spermophilus variegatus

Chaetodipus penicillatus

Neotoma albigula

Peromyscus boylii

Mephitis mephitis

Thomomys bottae

Chaetodipus hispidus