

9-8-2012

Mammalogy Class 2012 Field Notes

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8 Sept. 2012 Marie Westover, Mamm 2012

mileage
20115 Travel log: (for class)
12:30 leave Albuquerque going North on
I-75
20141 12:59 249 W to Algalones
~~11/11/2011~~
20147 1:05 242 to 550 W to Bernalillo
20212 2:17 NM 126 E
20222 2:40 L onto Leaky Forest RD 70
20224 2:45 L into camp ground

Site description: spruce-fir forest.
Boreal zone. 60% plant cover.
overstory: 70-100 ft. spruce, fir, ponderosa
understory: 0-10 ft. forbes, grasses, yarrow
wild rose, mountain mahogany shrubs.

locality: USA: New Mexico; Sandoval
county; Santa Fe National Forest;
Semez Mountains
36.02205 N, -106.84 W. elev. 2796m

Weather: 10:45 am temp = 55°F
partly cloudy, breezy. mid 40s - mid 70s
semi drizzle at night.

8 Sept 2017

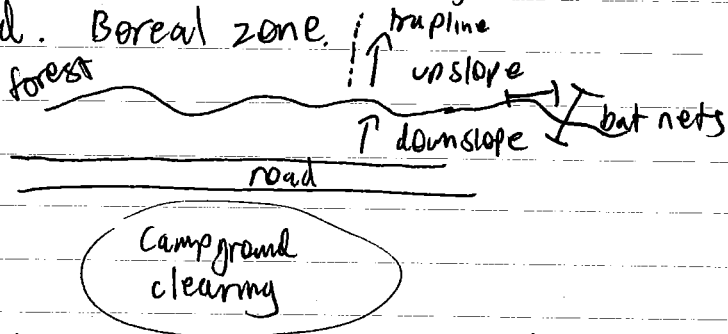
MLW

location of camp, 7-9 Sept.

Spruce-fir forest, campsite is in a grassy clearing. understory of gooseberry young growth spruce and fir, wild rose, Mountain Mahogany 2-6 ft tall.

overstory: trees, aspen, Douglas fir, ponderosa pine 40-50 ft height (avg)

small stream N of road, 30m from road. Boreal zone.



forest

forest

BLA, RKS Had set 60 shermans and 10 pitfall traps.

9 September 2017 trapping with BLA, RKS

7:20 am weather: 40-55°F, drizzle at night.

morning

clear and cold, trap site (33) peromyscus in sherman, released. (27) peromyscus in sherman, released. (7) sorex monticolus in pitfall.

young fir, grass cover 50%. Spruce-fir overstory.

4% trap success

left camp 9:00 AM.

8 sept. 2018

MLW

Species list:

Sylvilagus nuttalli

Tamias minimus

Sorex monticolus

Tamias quadrivittatus

Neotoma cinerea

Sorex cinereus

Thomomys talpoides

Tamiasciurus hudsonicus

Peromyscus sp.

Spermophilus lateralis

Eptesicus fuscus

Ancillary information:

This was my first time to the Semez area in New Mexico. The drive out to the area has some spectacular red rocks and otherwise beautiful scenery. We passed through different habitats from ABQ to the site: desert grass and shrubland, piñon juniper woodland, ponderosa pines and into spruce-fir forest. We were looking for a particular shrew species in the area. With help, I cooked massive amounts of chicken and corn cobs in camp. It was a delicious success.

11 Oct 2012

MLW

mi. age

Road 109

48770

left URM at 8:20 AM. ~~SA~~ SA on I-25

Saw a coyote at 48921, in scrubland
went through ~~chihuahuan~~ chihuahuan desert
then Ladrons mts. near ext. 100

49004

at 10:08 AM. stopped and saw

woodrat nest in creosote, mesquite
scrubland

49027

passed thru or consequences, continued
at 11:11 AM.

49042

ext. 63 (R) towards Hillsboro

at 11:23 AM. went through Bluff mts.

49093

reached Mimbres River, saw mine
tailings.

49102

Copper mine, 12:54 PM.

took Rd. 152 and then 180 at

49114

Santa Clara (49108) going west

1:58 PM Albertsons in Gila for
lunch.

49141

entered Natl. Forest, continued onto
dirt road.

49159

arrived camp 4:05 PM.

site description:

Riparian habitat, valley among
Mountains. by Gila River.

one seed Juniper, sycamore, alligator
Juniper, cottonwood, willows.

grass understory. tree cover = 50%.

overstory trees. 50-70 ft tall.

MLW

Locality:

USA; New Mexico; Grant County;
Gila National Forest; Mogollon
Mountains; Gila River

10 km N, 10 km E of cliff.

33.53406, -107.75642 elev. approx 1444

Weather: 11 Oct. 12: Warm daytime temps,
warm & cloudy evening temps

75°F - 45°F. rain at night / early evening

12 Oct 12: Warm & sunny day temps.

80°F in afternoon, evening was clear,
cool. 37-60°F

13 Oct 12: cool morning, into sunny
40s - 70s.

11 Oct 12:

set gopher traps. dug in gopher mound until
a fork in the burrow found one bat in net
0% trap success rate. in open dirt area, below cottonwoods.



12 Oct: Land Art students came with
me and Amanda to check traps.

In the afternoon, we reset our
trapline across the river. Saw
bear scat by our trapline. Others saw
Saxelina. At night, we found a bat in an
abandoned copper mine.

MW 8 sept. 2012

MW

Participant List:

Julie Hawk	Julie Hawk	JNH
Evan Fahy	→ Fur	EFF
Kristin Wright		
Amanda Jones	Amanda Jones	AKJ
Rosemary Steimberg	Ji	RKS
Schuyler Liphardt	Sp.	SWL
Bethany Abrahamson	Ke	BLA
Heather Toman		
Amber West	Amber L. West	ALW
Leonardo Gutierrez.		
Michael Smith	M/S/MTS	MJS
Valerie Harda	Whoin Harda	VRH
Heather Toman	Heather Toman	HMT
Amber Howard	Amber Howard	ARH
Vanessa Casias	Vanessa Casias	VRK
Nichole Herrera	Nichole Herrera	NRH
Kristin Wright	Kristin Wright	KLW
Joseph Look		
Hayre Bell	Hayre Bell	KCB
Jasom Malaney		
Jim Findley		
Marjorie McConnell		
Jon L. Dunnam.		
Robert Notchissey.		
Kevin McLaughlin (SKM)	Kevin McLaughlin	
Andrea Johnson	Andrea Johnson	KAS
Leonardo K. Gutierrez	Leonardo K. Gutierrez	LKG

10 Oct 2012 Marie Westover

trap line information AKS + MLW

17 snags, 40 sherman traps set in 4 at a time
riparian zone: sycamore, alligator snipe, cottonwood
and willows. some tall grass area.
riverbank w/ cobbles sand, dense willows + grass

12 Oct. 12 ~~11 Oct 12~~

trap 2: riparian: peromyscus GPS 006 in sherman
elev = 1433m N 33.06 W 108.5

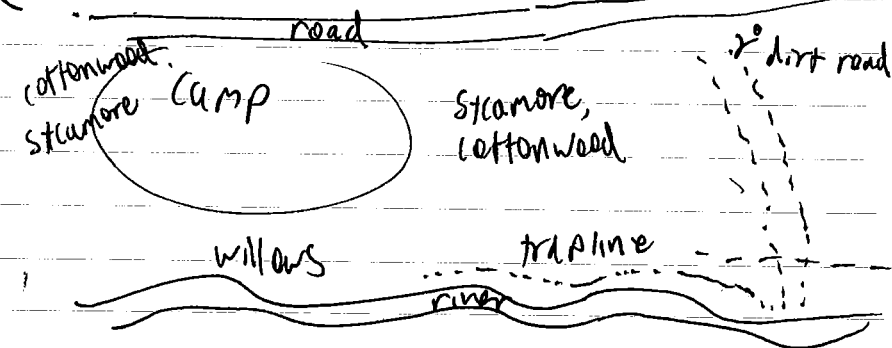
GPS 007: peromyscus, riparian zone. in snag

GPS 008: peromyscus, riparian in sherman

Saw coyote scat, horse scat, Sapsucker.

6% trap success. ↑ scrubland

to bat
nets.
over puddle
canyon,
hot spring.



Moved trapline: 13 Oct 12.

set 41 shermans, 20 snags.

collected 9:30 AM. cool + clear, partly cloudy.

GPS 021: Neotoma N 33.06 101

9:41 AM elev. 1441m W 108.50206 in sherman

022: peromyscus N. 33.06113 in sherman

wooded area W 108.50199 1440m

023: peromyscus N 33.06 079

in snag. wooded area. W 108.50177 1441m

by nest
in wooded
area.

MW

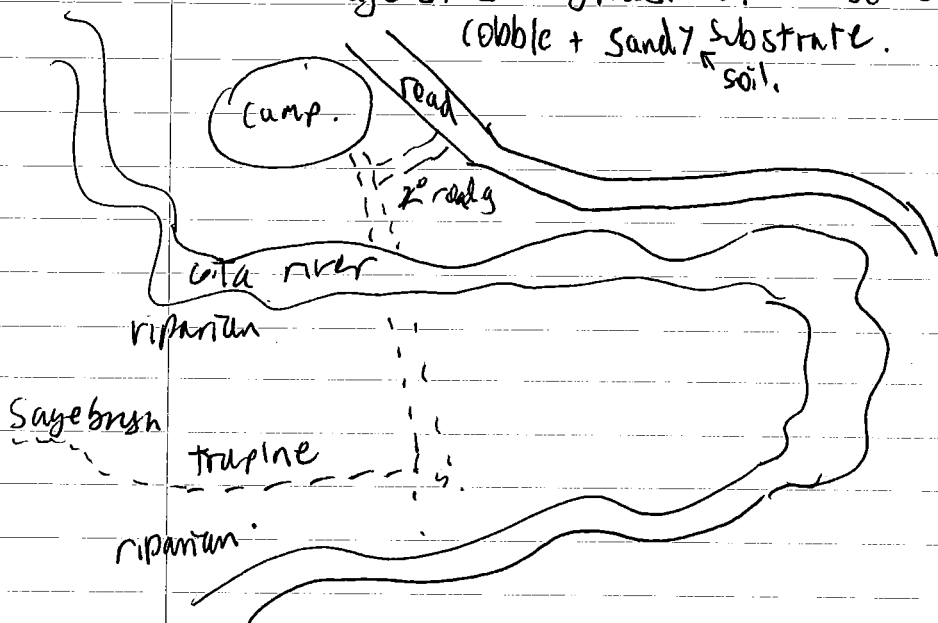
024: Peromyscus N 33.06079

m snap.

W 108.50127 1441m.

7y. trap success.

trapline 2: across river from campsite.
riparian forest, sycamore, willow, cottonwood
into sage brush + grassland. Saw bearscat.
cobble + sand substrate.
soil.



11-13 Oct 2017

MLW

species list:	count:
<u>Chaetodipus intermedius</u>	8
<u>Dipodomys merriami</u>	1
<u>Dipodomys ordii</u>	1
<u>Lasiorycteris noetivagans</u>	1
<u>Lasiurus cinereus</u>	1
<u>Myotis auricolus</u>	1
<u>Myotis eiliolabrum</u>	2
<u>Myotis volans</u>	4
<u>Neotoma albigula</u>	10
<u>Neotoma stephensi</u>	4
<u>Onychomys leucogaster</u>	3
<u>Perognathus flavus</u>	3
<u>Peromyscus boylii</u>	57
<u>Peromyscus leucopus</u>	9
<u>Peromyscus truei</u>	1

Ancillary information:

First time to Gila River area. There had been a recent burn, and the river had black silt flowing through it. URM Land Arts students were camped nearby, and some took interest in our work. They had made some nature art, sculptures, writings. Cooked Kaxce's chicken pot pie, burned the top because of too many coals on Dutch oven. Adventured to hot springs for bat net check and a welcome midnight soot + star gazing.

On the drive back to Albuquerque, we stopped to view anti-wolf billboards several times, and investigated an ~~an~~ "wolf proof" bus stop.

It was a wooden hut, with piles of trash inside. I doubt it is used as a school bus stop. The billboards read "Balance nature... eat a fetus" which makes no sense, and "Wolves: killing our elk!" which was ironic because of the elk proof fencing around a cattle pasture.

We drove through valleys that had been lake beds in the Pleistocene, and saw hundreds of pronghorn antelope Antilocapra americana. We also drove through the "very large array" of satellite dishes used by astronomers.

26 Oct 2012

MW

miles 0

left VAM (albuquerque)

San on I-25

77

entered Socorro 1:15 pm, left 1:30 pm
San Antonio stop, left at 2:30

177.3

entered Ladder Ranch 2:42 pm

176.4

~~left~~ entered valley past attorney

177.7

R turn into forested area

178.5

crossed small river

178.9

camp on R.

site description:

in riparian valley below
mesquite + creosote shrubland +
prickly pear cactus. riparian
area has mature sycamore,
cottonwood trees, young willow
grass 6-12 in tall.
tree cover 50%, with grass
clearings. trees 40-70ft. tall.

locality: USA: New Mexico;
Sierra county; Ladder Ranch,
1 km N, 10 km W Caballo.

approx. 33.00738098, -107.466166 elev. 1448

weather:

Sunny and clear in the day time,
but cool. 55°F - 35°F

26 Oct. 2012

MLW

Trapline information: MLW, ALW, TS
set 80 sherman traps and
40 snap traps

~~#~~ near N33.02068, W107.46351 elev. 1557m
we had 2 trap lines, above the
riparian valley. we drove back
up the road about 3 miles
and set one line going East
from the road and one going
West. The landscape was dry, with
creosote, mesquite and prickly pear
cactus. approx 25% plant cover.

~~#~~

~~#~~ 27 Oct. 2012 9:00 am

Dipodomys sherman trap.

Onychomys snap

Peromyscus sherman

Dipodomys sherman

Peromyscus sherman

Dipodomys snap

Peromyscus snap

Dipodomys snap

" sherman

" sherman

" snap

" sherman

" snap

" snap

" snap

" sherman

MHW

Perognathus sherman

Dipodomys sherman

" "

" "

Chaetodipus "

Peromyscus snap

Dipodomys sherman

" "

" "

" "

Perognathus sherman

Dipodomys "

" "

" "

Peromyscus "

Peromyscus "

Chaetodipus "

Dipodomys "

Peromyscus "

Chaetodipus "

Dipodomys "

Dipodomys "

Peromyscus "

37.5% trap success.

28 Oct. 12 8 AM.

(no reset traps) Dipodomys sherman

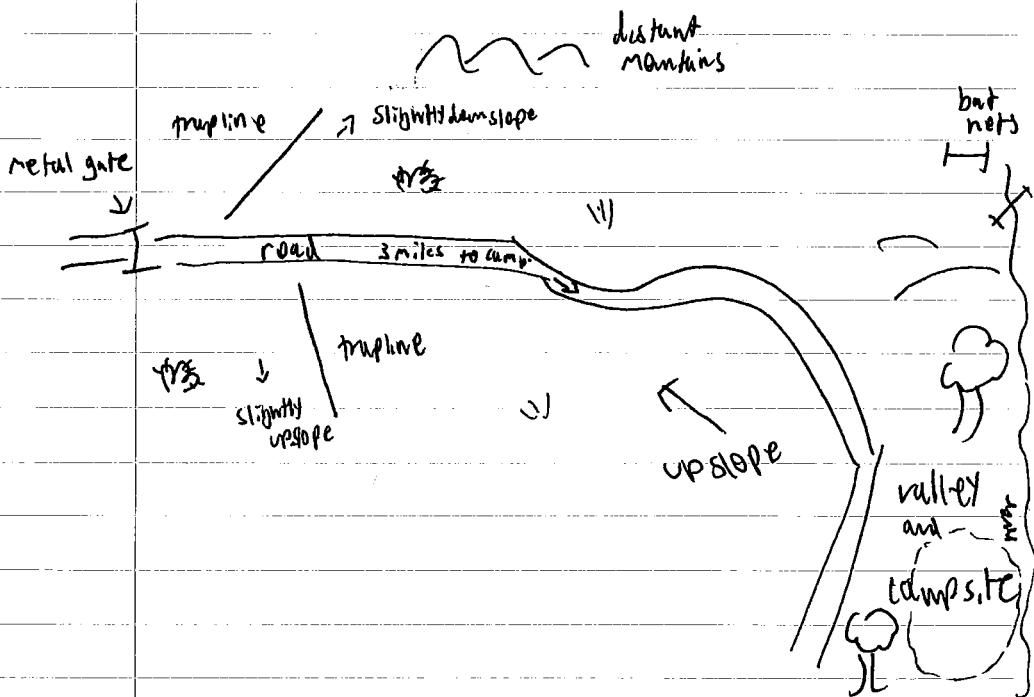
" "

Chaetodipus "

Peromyscus "

<u>Dipodomys</u>	Sherman
<u>Dipodomys</u>	1
<u>Onychomys</u>	"
<u>Dipodomys</u>	"
"	"
"	"
"	"
"	"
<u>Chaetodipus</u>	"
<u>Onychomys</u>	"
<u>Dipodomys</u>	"
<u>Chaetodipus</u>	"
"	"

777. trap success.



MLW

Species list:	count
<u>Bassariscus astutus</u>	1
<u>Chaetodipus intermedius</u>	23
<u>Dipodomys merriami</u>	31
<u>Eutamias dorsalis</u>	2
<u>Mephitis mephitis</u> (4) not caught at site.	
<u>Neotoma albigula</u>	11
<u>Onychomys leucogaster</u>	2
<u>Perognathus flavus</u>	2
<u>Peromyscus boylii</u>	19
<u>Peromyscus eremicus</u>	9
<u>Peromyscus leucopus</u>	3
<u>Peromyscus maniculatus</u>	1
<u>Thomomys bottae</u>	2

Ancillary info:

Ladder Ranch is owned by Ted Turner, the second largest land owner in North America. We met with the conservation biologist on the ranch who talked to us about wolf and Bobson's tortoise reintroduction on the ranch and in New Mexico. One evening, we drove to see the ranch library, and saw wild turkeys and quail on the ranch.

The ranch also has bison. The ranch houses ~~is currently holding~~ wolves to be reintroduced and released elsewhere in New Mexico. It was astonishing how many mammals we caught in the desert area.

MLW

Kevin and Amanda went to help restore an eroded area of the wolf pens elsewhere on the ranch. Nicole, Julie and I prepped stunks together. Julie cut the scent gland, and fortunately I did not do the same. I managed to skin the stunk but finished prepping later.

Margerie and Robert had been opening nesting nests on the trip and collected samples of the insects that transmit chagas disease in New Mexico.

MLW trip 2

MLW

Rosemary Steinberg J; AKS

Julio Hawk July Hawk JNH

Valerie Horda Yvain Horda VRH

Amber West Amber J. West ALW

Teryn Jensen Teryn Jensen TJJ

Heather Toman ~~Heather Toman~~ HMT

Bethany L. Abrahamson BLS

Vanessa Casias Vanessa Casias VRC

Nichole Herrera Nichole Herrera NHH

Kristin Wright Kristin Wright KLW

Ernie Valdez

Joseph Cook

Kayce Bell ~~Kayce Bell~~ KCB

Marjorie McConnell

Robert Notchessy

Evan Faval ~~Evan Faval~~ EFF

Kevin McLarmont ~~Kevin McLarmont~~ SKM

Amarda Jones Amarda Jones AKJ

Andrea Jackson ACT ~~ACT~~