

9-10-2010

Mammalogy Class 2010 Field Notes

C. Jonathan Schmitt

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Schmitt, C. Jonathan. "Mammalogy Class 2010 Field Notes." (2010). https://digitalrepository.unm.edu/msb_mammals_field_notes/276

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C. Jonathan
2010

Field Journal

USA: New Mexico; Rio Arriba Co; Rio de los Pinos;
3 km W San Miguel; 36.9576°N; 106.1770°W;
WGS 84 Datum; Elev. 2551m

10-12 September 2010

Road Log: We took Central Ave. W, then turned Right on to I-25 and headed N. South of Santa Fe, we took exit 282 and went NE on NM 599. We turned left onto US 285 and went North to Española. In Española, we went North on US 84 for ca. 10 ~~mi~~ km. Here, we went right and continued North on US 285. We passed through Ojo Caliente and Tres Piedras. Finally, we turned left just north of the New Mexico border and traveled 0.59 mi. to the town of San Antonio, Colorado. We then went left on 443 for 1.4 mi. Then we took the Los Pinos River Access Road for 8.8 mi.

Participant list:

Christina Frank (CMF)
Alexandra Itansell (AWH)
Matthew Jones (MRI)
David Draper (DLD)
Vanessa Martinez (VLM)
Clare Steinberg (CES)
Mario Valencia (MV)
Jason Maloney (JLM)
Carrie Crabtree (CAC)

Brooks Kohl (BAK)
Toby Weisenhaus (TJW)
Ben Stanley (BOS)
Meredith Williams (MNV)
Kayce Bell (KCB)
Joseph A. Cook (JAC)
Camille Padilla (CFP)
Ernie Valdez (EV)

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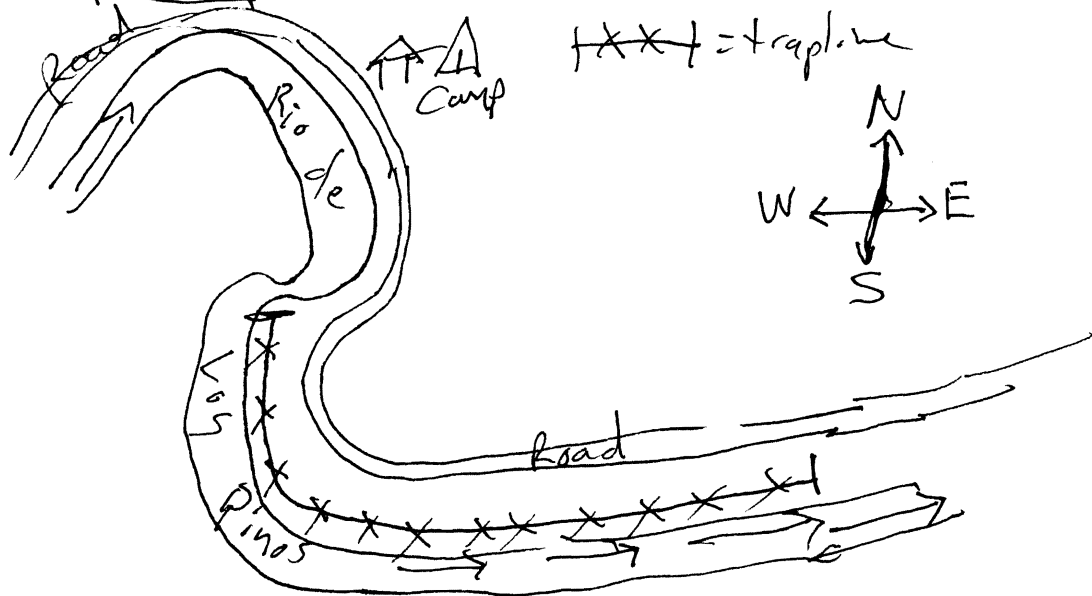
Field Journal

USA: New Mexico; Rio Arriba Co; Rio de los Pinos. 3 km W
San Miguel; 36.9576°N; 106.1770°W; WGS 84 Datum;
Elev. 2551m

10-12 September 2010

Trapline info: I set one trapline with Ben Stanley (BDS). We set the line on 10 September with guidance of Vanessa Martinez (VLM). The line consisted of 80 sherman traps, set 2 per site. The sites were about ~~10~~⁵⁻¹⁰ m apart and followed the edge of Rio de los Pinos downstream. We placed most traps under or near shrubbery such as Alnus incana, Salix sp, Ribes sp, Rhus aromatica. The overstory was only about 20% and was ca 20m tall and consisted of P. angustifolia and Picea pungens. The understory cover was 50% and about 2m tall. The herbaceous layer was about 80% cover and 1/2 m tall. There was quite a bit of rock considering we trapped along the Rio.

Trapline Map:



Field Journal

USA: New Mexico; Rio Arriba Co; Rio de los Pinos. 3 km W
San Miguel. 36.9576°N; 106.1770°W; WGS 84 Datum;
Elev. 2551m

10-12 September 2010

General Site Description: We camped in the Riparian
Corridor of Rio de los Pinos. This riparian zone
was dominated by Populus angustifolia, Picea
pungens trees over 15m tall. Smaller groves of
Quercus gambelii made up the midstory, along with
scattered Juniperus scopulorum. Common shrubs
included Salix sp. along the river, Alnus incana;
Cornus sericea, Ribes sp.; Rosa sp.; and Rhus aromatica.
A few Pinus ponderosa were also present. There
wasn't much herbaceous growth; however, there
were some sedges and grass. On the slopes
above the riparian zone, we noticed the
marked difference in north-facing and south-
facing slopes. Specifically, the north-facing
• (south slope) ^{slope} was much wetter and thus
supported more lush vegetation such as
Pinus ponderosa; Picea pungens; Juniperus scopulorum,
Quercus gambelii and most of the shrubs
listed above. The south-facing (north slope)
slope was dry and rocky w/ little vegetation.
This slope was characterized by
Chrysothamnus nauseosus and Atriplex canescens.

Weather: The weather was nice w/ no precipitation
and little wind. At night, it only just
barely froze so I doubt it was much
below 30°F.

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Field Journal

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San Miguel: 36.9576°N; 106.1770°W; WGS 84 datum
Elev. 2551m

10-12 September 2010

Trapline info:

♂ on 11 September 2010 we caught:

1 *Peromyscus maniculatus*

1 *Microtus pennsylvanicus*

this means our trap success was 2/80
or 2.5%.

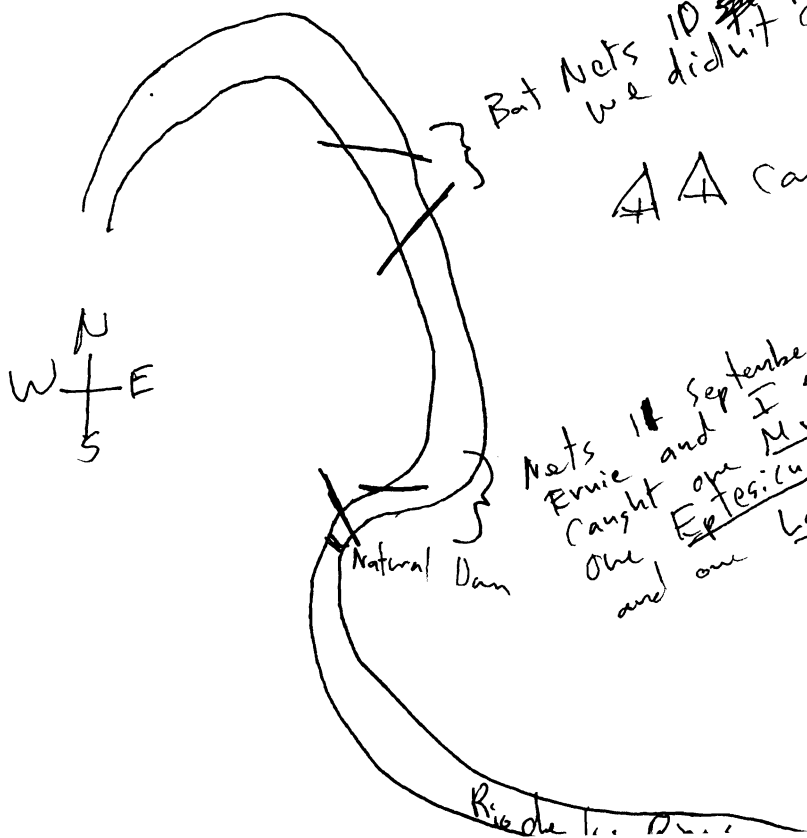
♂ on 12 September 2010 we caught:

1 *Peromyscus maniculatus*

1 *Microtus longicaudus*

2/80 or 2.5% Success.

BatNet Maps:



Bat Nets 10 ~~11~~ September 2010
we didn't catch anything

AA Camp

Nets 11 September 2010.
Ernie and I set these. We
caught one *Myotis volans*,
one *Eptesicus fuscus*,
and one *Lasiurus noctivagans*.

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Field Journal

USA; New Mexico; Rio Arriba Co.; Rio de los Pinos
3 km W San Miguel. 36.9576°N; 106.1770°W;
WGS 84 datum; Elev. 2551m

10-12 September 2010

Species List:

Eptesicus fuscus

Lasionycteris vociferans

Myotis volans

Peromyscus maniculatus

Tamias quadrivittatus

Neotoma mexicana

Microtus longicaudus

Microtus pennsylvanicus

Spermophilus lateralis

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Field Journal

USA: New Mexico; Hidalgo Co.; Peloncillo Mtns;
31.5165 N; 108.98645 W; Elev. 1650m

24-25 September 2010

Road Log: We took I-25 south from Albuquerque for 292 km. We then took state route 543 for two km W to Hatch. In Hatch, we got on NM 26 and went South for 74 km. We then turned left on US 180 and went South for 2 km. We then took I-16 west for 133 km. We turned South on NM 338 and traveled for 84 km. We then took Geronimo trail for 10 km.

Participant List:

Brooks Kohli (BAK)
Christina Frank (CMF)
Alexandra Hansell (AWH)
Sara Pesko (SMP)
David Draper (DLID)
Camille Padilla (CEP)
Stephen Webb (SRW)
Kat Schroeder (KMS)
Meredith Williams (MNW)
Carrie Crabtree (CAC)
Mario Valeucia (MV)
Clare Steinberg (CES)

Kayce Bell (KCB)
Joseph Cook (JAC)
Sylvia Brunner
Jon Dinnun
Robert Nofchissey
Andrew Hope
Lydia Zefir
Steve Macdonald
Marjorie Macdonald

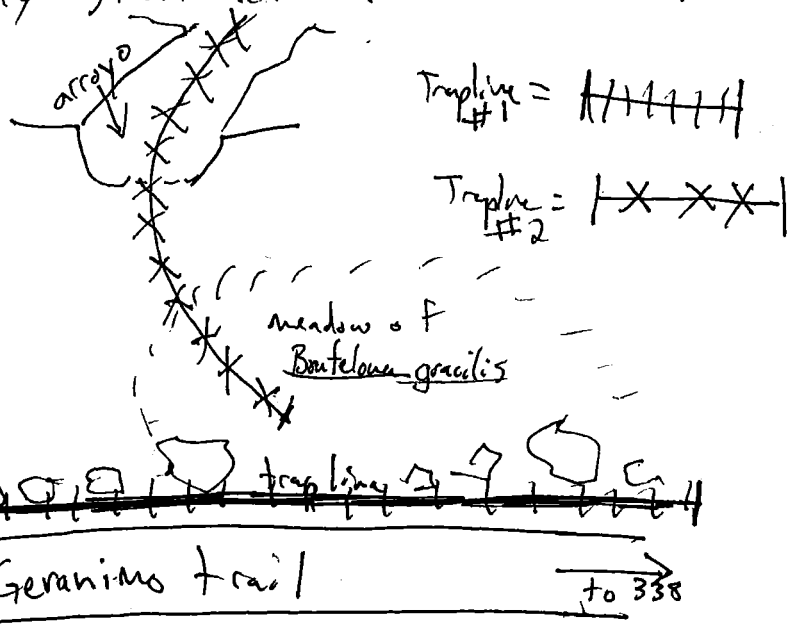
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Field Journal

USA: New Mexico; Hidalgo Co.; Peloncillo Mts;
31.5165 N ; 106.94645 W; Elev. 1650m

24-26 September 2010

Trapping Information: David L. Draper (MLD) and Myself
On 24 September we set out 40 sherman traps along
Geraniumo trail road. We set under trees,
such as Juniperus deppeana and Quercus sp.
around in shrubs like Rhus trilobata and
Arbutus arizonica. We checked these traps
on 25 September in the am. but we
did not catch anything. We then
set out 20 more shermans and 20
snap traps at 0900 hrs. We set this
line across a meadow of Bouteloua
gracilis and up a dry arroyo. We
checked these traps on 26 September and
we only caught one Chaetodipus
hispidus. This second line was in open
w/ only grass cover.



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Field Journal

USA: New Mexico; Hidalgo Co; Peloncillo Mtns;
31.5165 N; 108.96645 W; Elev. 1650m

24-26 September 2010

Trapline Info:

On 24 September, our trap success was
 $0/40 = 0\%$.

on 25 September, our trap success was
 $1/80 = 1\%$.

We think we had low success because
it was very bright on both nights
due to a nearly full moon.

Species list for Trip:

Otospermophilus variegatus

Chaetodipus pencillatus

Chaetodipus hispidus

Neotoma albigula

Peromyscus boylii

Mephitis mephitis

Thomomys bottae


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Field Journal

USA: New Mexico; Hidalgo Co; Peloncillo Mtns;
31.5165N; 108.98645W; Elev. 1650m

24-26 September 2010

Bat net localities:

 = H₂O



We didn't catch any Bats.

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Field Journal

USA: New Mexico; Socorro Co; 54 Km S, 36 Km W Socorro;
Froest Road 225; 33.54144°N; 107.28172°W; Elev. 1747m

29-31 October 2010

Road log: We left Albuquerque and went south on I-25 for ~~124~~ 129 miles. We then took Exit 115 and turned left, heading east, and crossed I-25 on overpass. After crossing, we turned right and headed south on the El Camino Real ITC Highway 1. We went south on El Camino Real ITC Highway for 12 miles, where we took forest Road 225. Camp was 4 miles down forest Road 225.

Participant list:

Brooks Kohli (BAK)
David Draper (DLD)
Matthew Jones (MRJ)
Stephen Webb (SRW)
Meredith Williams (MNW)
Alexandra Hansell (AWH)
Kat Schroeder (KMS)
Toby Weisenhaus (TJW)

Mario Valencia (MV)
Sophia Thompson (SST)
Shawn Whitman (SBW)
Sara Pesko (SAP)
Jason Thomas
Marjorie MacDonnell
Robert Nofchissey
Joseph Cook (JAC)

General Site Description:

We camped and trapped in bottom of the draw, it was rocky. Juniperus arbuscula and Juniperus monosperma and Quercus sp made up most of the vegetation in the bottom of the draw. There were also shrubs such as Rhus trilobata, Fallugia paradoxa Draw. In the

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Field Journal

USA: New Mexico; Socorro Co; 54 kms; 36 km W Socorro;
Forest Road 225; 33.54144°N; 107.28172°W; Elev. 1747m

29-31 October 2010

Trapline info: We set traps in one long, winding set that generally followed the draw down stream. We also had a part of the line near a steep cliff w/ ~~rock~~ tallus slopes, and across the flat Chihuahuan desert grassland. ~~At~~ Along the riparian draws, we trapped near or under *Juniperus deppeana*, and *Quercus* sp, *Rhus trilobata*; *Fallugia paradoxa*. In our site w/ rocky tallus, there was little vegetation but lots of rocks. In the Chihuahuan desert Seb, we trapped near *Dipodomys* sp mounds, one of which was built around a *Prosopis pubescens* shrub. The first night, we caught 2 *Neotoma albigula* and one *Peromyscus boylii*. The *Neotoma albigula* were trapped in rock tallus and the *P. boylii* was trapped under a *Juniperus deppeana* tree.

Success:

$3/80 = \approx 3.8\%$ success

~~1/80~~

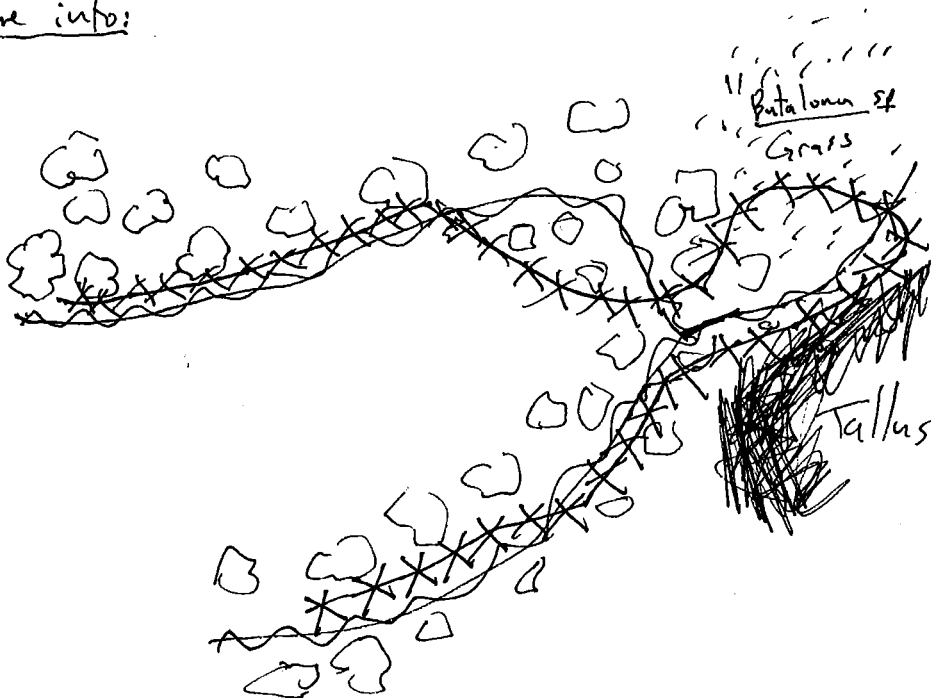
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Field Journal

USA: New Mexico: Socorro Co. 54 km S 36 km W Socorro;
Forest Road 225; 33.54144° N; 107.28772° W; Elev. 1747m

29-31 October 2010

Trapline info:



~~~~~ = Wash

X X X = trapline

Species list:

Peromyscus boylii  
Peromyscus maniculatus  
Neotoma albigula  
Perognathus flavus  
Onychomys arenicola  
Dipodomys merriami  
Dipodomys spectabilis  
Thomomys bottae  
Cheaxodipus penicillatus  
Sylvagus antebonoi