

9-6-2013

# Mammalogy Class 2013 Catalog & Field Notes

Catalina Tome

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06-08 September 2013

UNM Mammalogy Class Fall 2013: First Field Trip

06 Sept 13 Road Log (completed with help from classmate)

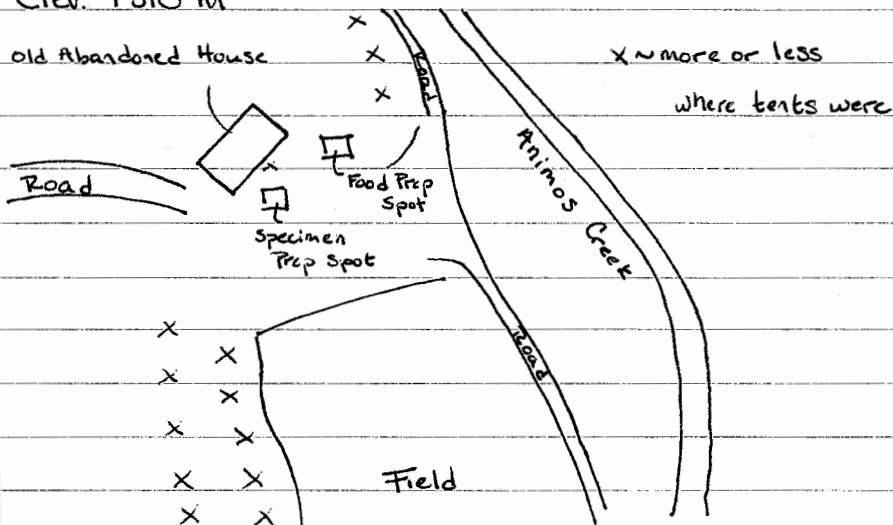
Departed from the University of New Mexico (Albuquerque NM) at about 12:30 PM. Took I-25 South for about 160 to 165 miles until we turned off on exit 63 onto NM 152. Continued west along NM 152 for about 7 miles before turning onto Ladder Ranch Road. We followed the dirt road for about 5.5 miles and stopped at the Ladder Ranch Headquarters to check in. We continued past Headquarters, crossing Animas Creek twice before reaching an old abandoned house next to the creek. Arrival was at approximately 4:00 PM.

Camp was set up soon after arrival close to the house.

Location was specified as: USA: New Mexico; Sierra Co.; Ladder Ranch 7.5 km N. of Animas Peak

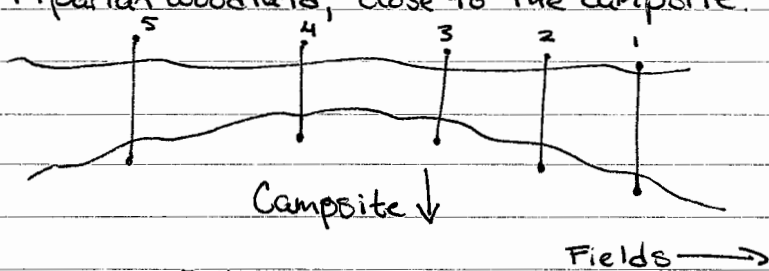
lat. / long.  $33^{\circ} 04' 16.32'' \text{ N } - 107^{\circ} 51' 8.371'' \text{ W}$  (approx. from Google Maps)

Elev. 1510 m



The campsite was located beside a riparian woodland, some old fields and the streambeds of the Animas Creek. The weather during the first night was fairly temperate with no rain and little to no wind.

06 Sept. 13 That evening Dr Schmidly led a group of us to place mist nets along the creek to catch bats. We placed 5 mist nets along the creek streambeds in riparian woodland, close to the campsite.



People: <sup>Hori Dibble</sup> ~~April Chavez~~, Robert Scott, Catalina Tanc, David Schmidly  
8 Bats were captured the first night  
Species: Myotis yumanensis, Myotis thysanodes and Tadarida brasiliensis

The second night the nets were placed in the charge of other students.

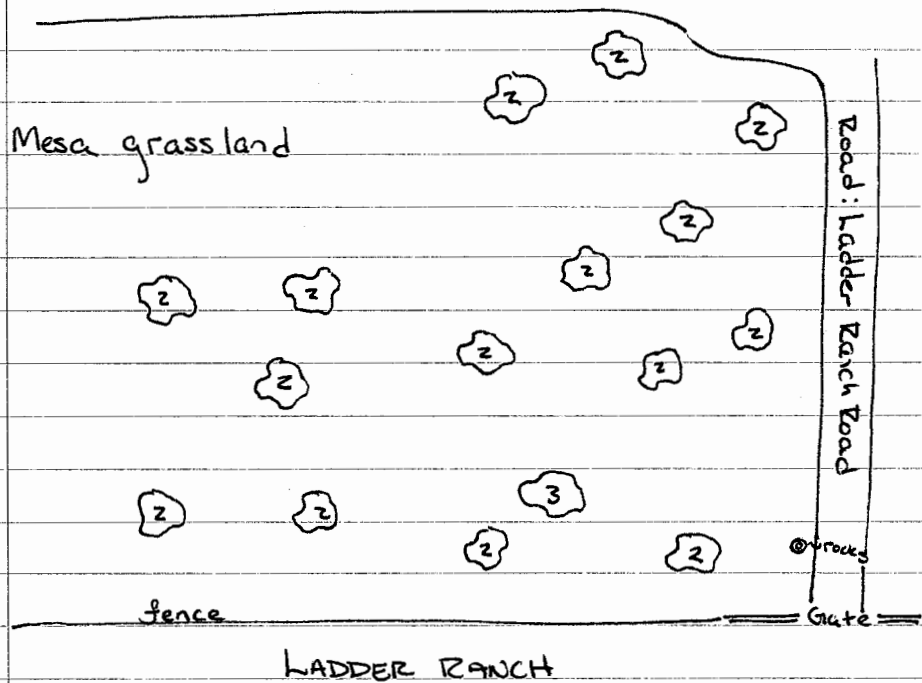
07 Sept 13 Woke up between 6:00-6:30 AM. Morning and afternoon included gathering, processing and preparation of specimens.

I prepared the following specimens:

NK 216757 Neotoma albigula ♂ (CT 001)

NK 216769 Tadarida brasiliensis ♂ (CT 002)

07 Sept 13 At 3:30pm Dr Schmidly took several of the students to the entrance to Ladder Ranch. This is a Mesa grassland. Here <sup>Robert Scott</sup> ~~Brian Upton~~ and I placed 33 sherman traps beside the mounds made by Dipodomys Spectabilis which were left there over night. We placed them more or less as follows:



Line was named: Mesa

Numbers correspond to the number of traps placed on each mound. Rocks are point where GPS taken:

lat./long: N 33'00.146' W -107'29.398' Elev: 4980ft

It began to rain at 4:00pm while we were placing traps and continued for the rest of the night

By 8:00pm it was raining heavily. Another group

Put the mist nets up. At 11:00 PM, Dr Schmidly took a group out to do night spotting using a bright light and eye shine. At 1:00 AM I went out with the second night spotting group. We saw some Heteromyidae Dipodomys along the road but had no captures.

08 Sept 13 Woke up between 6:00-6:30 AM. Went to collect the 33 sherman traps on the mesa entrance to Ladder Ranch. We had 16 captures / 33 traps  $\approx$  48.5% success. We captured:

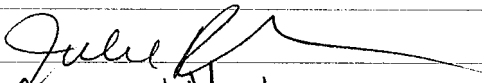
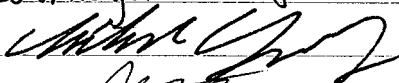
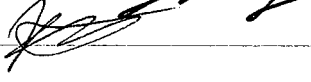
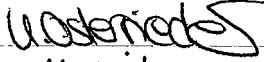
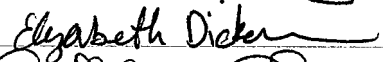
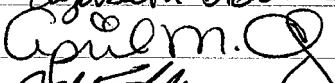

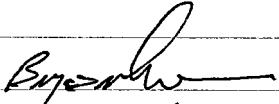

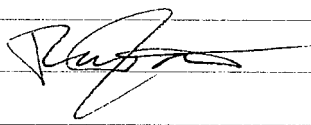

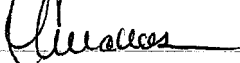
1 Peromyscus maniculatus, 1 Peromyscus leucopus  
1 Dipodomys ordii, 6 Dipodomys spectabilis and  
7 Dipodomys merriami

That day I prepared 1 specimen:

NK 216781 Dipodomys spectabilis (CT 003)

At about 12:00-1:00 PM, I left with the first van and returned to UNM, via the same route as before, at between 4:00-5:00 PM. It was a temperate, sunny day.

Participant List

JGR	Julie G Rannou	
CM	Courtney Montoya	Courtney L Montoya.
ML	Mitch Lavery	
FSM	Fernando Salazar Miralles	
KCB	Kayce C Bell	
CT	Catalina Tome	Catalina Tome
TT	Tara Templeman	Tara Templeman
UO	Ursula Osterrieder	
ED	Elizabeth Dickerson	
AC	April Chavez	
CS	Catland Starek	
Bu	Briana Upton	Brianna Upton
JC	Jocie Colella	
BSM	Bryan S McLean	
AJ	Amanda Jones	Amanda Jones
DJS	David J. Schmidly	
SL	Schuyler Liphardt	
MW	Marie Westaler	
RS	Robert Scott	
RN	Robert Nofchissey	
MM	Marjorie McConnell	
EV	Ernie Valdez	
LD	Lori Dibble	
CM	Christine Meadows	

C. Toome

## Species List

<u>Chaetodipus intermedius</u>	(2)
<u>Conopatus leuconotus</u>	(1)
<u>Dipodomys merriami</u>	(8)
<u>Dipodomys ordii</u>	(1)
<u>Dipodomys spectabilis</u>	(6)
<u>Lepus californicus</u>	(1)
<u>Myotis thysanodes</u>	(1)
<u>Myotis yumanensis</u>	(2)
<u>Neotoma albigula</u>	(16)
<u>Otospermophilus variegatus</u>	(1)
<u>Perognathus flavus</u>	(1)
<u>Peromyscus baylii</u>	(3)
<u>Peromyscus leucopus</u>	(1)
<u>Peromyscus maniculatus</u>	(2)
<u>Tadarida brasiliensis</u>	(5)
<u>Thomomys bottae</u>	(4)

2013

Catalogue

U.S.A.: New Mexico; Sierra Co.; Ladder Ranch  
7.5 km N. of Animas Peak

lat./long. 33° 04' 16.32" N - 107° 51' 8.37" W Elev. 1510m

06-08 Sept. 2013

CT 001 ♂ (T=11x8) Neotoma albigula 337-149-35-31=142g

lat./long.: No information given Elev. No info. given

Coll. Date: 7 Sept 2013 Prep. Date: 7 Sept 2013

Coll.: Mammalogy Class 2013 Prep: C. Tomé Prep # 001

NK 216757 + skeleton + tissue

002 ♂ (T=2.5x1.5) Tadarida brasiliensis 95-34-10-18=9.75g

lat./long.: 33.042321 N - 107.518290 Elev.: 1510m

Coll. Date: 7 Sept. 2013 Prep. Date: 7 Sept 2013

Coll.: Mammalogy Class 2013 Prep: C. Tomé Prep # 002

NK 216769 + skeleton + tissue

003 ♀ (Pisc=0) Dipodomys spectabilis 363-206-53-17=129g

lat./long.: 33° 00' 14.6" N - 107° 29' 39.8" W Elev.: 4980 ft

Coll. Date: 8 Sept. 2013 Prep. Date: 8 Sept 2013

Coll.: Mammalogy Class 2013 Prep: C. Tomé Prep # 003

NK 216781 + skeleton + tissue + ecto

U.S.A.: New Mexico; Sandoval; Santa Fe National  
Forest; 7.7 km NNE Fenton Lake, along HWY 126

lat./long. 35.949284 N - 106.751561 W Elev.: 2545m

004 ♀ (W, Pisc=0) Callospermophilus lateralis

277-87-39-19=305g



Coll. Date 28 Aug 2013 Prep Date 29 Aug 2013  
 Coll. Bryan S McLean Prep: C Tome Prep# 004  
 NK 232896 + skeleton + tissue

U.S.A.: Alaska; Baranof Island, Takat Lake; Talus Field  
lat./long.: 57° 07.962' N 134° 55.557' W Elev: Not Available

005 ? Sorex cinereus 109-49-12.5-7  $\equiv$  5 g  
 Coll. Date: 12 Sept. 2010 Prep Date: 2 Nov. 2013  
 Coll.: Jon Martin Prep C. Tome Prep# 005  
 NK 233185 + skeleton + tissue Accession # 2011.015

U.S.A.: Alaska; Hesketh Island; Katchemak Bay  
lat./long.: No Information Provided Elev: N/A

006 ♂ (T=6x4) Myodes rutilus 112-26-18-11  $\equiv$  18.2 g  
 Coll. Date: 6 Jul 2011 Prep Date: 13 Nov. 2013  
 Coll.: Greg Tressler, Joe Cook Prep. C. Tome Prep# 006  
 NK 233766 + skeleton + tissue Accession # 2012.018

007 ♂ (T=15x9) Myodes rutilus 142-30-18-11  $\equiv$  36.9 g  
 Coll. Date: 6 Jul 2011 Prep Date: 13 Nov. 2013  
 Coll.: Greg Tressler, Joe Cook Prep. C. Tome Prep# 007  
 NK 233772 + skeleton + tissue Accession # 2012.018

U.S.A.: New Mexico; San Miguel; Elk Mountain  
lat./long.: 35.77611 N 105.57590 W Elev. 3389

008 ♀ (PLSC=0) Callospermophilus lateralis

C. Tome  
256-91-39-23 = 131 g

Coll. Date: 24 May 2012 Prep. Date: 20 Nov. 2013

Coll.: Matt Baumann Prep C. Tome' Prep # 008

NK 233883 + skeleton + tissue Accession # 2013.077

U.S.A.: Wyoming; Carbon; Moss Agate Reservoir;

T: 28 N R: 79 W S: 36

lat./long.: 42.350458 N -106.249640 W Elev 2160 m

009 ♂ (T=6x3) Ictidomys tridecemlineatus

215-71-30-7 = 62.4 g

Coll. Date: 29 Jul 1990 Prep. Date: 20 Nov 2013

Coll.: Sue Hootman, Jill Jerome Prep C. Tome' Prep # 009

NK 233858 + skeleton + tissue Accession # 0000.082. <sup>USGS</sup> ~~0005~~

010 ♀ (PLSC=0) Ictidomys tridecemlineatus

210-72-29-7 = 69.2 g

Coll. Date: 29 Jul 1990 Prep. Date: 20 Nov. 2013

Coll.: Sue Hootman, Jill Jerome Prep C. Tome' Prep # 010

NK 233859 + skeleton + tissue Accession # 0000.082. USGS