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° 04′ 63.2″ N. -107° 51′ 37.1″ W (Google Maps)
Elev 1510 m

[Hand-drawn map with locations marked: Road, Old Abandoned House, Specimen Prep Spot, Animas Creek, Field, and a diagram of tent setup.]
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.

On 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.

![Diagram of campsite with numbered points and lines indicating streambeds and fields.]

Lori Dibble
People: April Enzor, Robert Scott, Catalina Tau, David Schmidt
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 Sep 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 0* (CT 001)
NK 216767 Tadarida brasiliensis 0* (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 Ben Hepper 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:

![Diagram of Ladder Ranch with traps and mounds]

Mesa grassland

Ladder Ranch

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' Ele.: 4980 ft

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

By 8:00 PM it was raining heavily. Another group
Put the mist nets up. At 11:00 P.M., Dr. Schmidtly took a group out to do night spotting using a bright light and eye shine. At 1:00 A.M. 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 A.M. Went to collect the 33 Sherman traps on the mesa entrance to Ladder Ranch. We had 16 captures/33 traps = 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 316781 Dipodomys spectabilis (GT 603)

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

JGR  Julie G Rannou
CM  Courtney Montoya
ML  Mitch Lavery
FSM  Fernando Salazar Miralles
KCB  Kayce C Bell
CT  Catalina Tome\'e
TT  Tara Templeman
UO  Ursula Asterrieder
ED  Elizabeth Dickerson
AC  April Chavez
CS  Catland Starek
Bu  Briana Upton
JC  Jocie Colella
BSM  Bryan S McLean
AJ  Amanda Jones
DJS  David J. Schmidly
SL  Schuyler Liphardt
MW  Marie Westover
RS  Robert Scott
RN  Robert Nofschessey
MM  Marjorie McConnell
EV  Ernie Valdez
LD  Lori Dibble
CM  Christine Meadows
<table>
<thead>
<tr>
<th>Species List</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Chaetodipus intermedius</em></td>
<td>(2)</td>
</tr>
<tr>
<td><em>Conepatus leuconotus</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Dipodomys merriami</em></td>
<td>(8)</td>
</tr>
<tr>
<td><em>Dipodomys ordii</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Dipodomys spectabilis</em></td>
<td>(6)</td>
</tr>
<tr>
<td><em>Lepus californicus</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Myotis thysanodes</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Myotis yumanensis</em></td>
<td>(2)</td>
</tr>
<tr>
<td><em>Neotoma albigula</em></td>
<td>(16)</td>
</tr>
<tr>
<td><em>Otospermophilus variegatus</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Perognathus flavus</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Peromyscus boylii</em></td>
<td>(3)</td>
</tr>
<tr>
<td><em>Peromyscus leucopus</em></td>
<td>(1)</td>
</tr>
<tr>
<td><em>Peromyscus maniculatus</em></td>
<td>(2)</td>
</tr>
<tr>
<td><em>Tadarida brasiliensis</em></td>
<td>(5)</td>
</tr>
<tr>
<td><em>Thomomys bottae</em></td>
<td>(4)</td>
</tr>
</tbody>
</table>
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°51'37.71"W Elev. 1510m
06-08 Sept. 2013

CT 001  ♀ (T=11x8) Neotoma albicula 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.Tome  Prep #: 001
Nk 210751+ Skeleton + tissue

002 ♀ (T=2.5x1.5) Tadarida brasiliensis 95-34-10-18 = 9.75g
lat./long.: 33°04'23.21"N -107°51'29.0"W Elev.: 1510m
Coll. Date: 7 Sept. 2013  Prep. Date: 7 Sept. 2013
Coll.: Mammalogy Class 2013  Prep. C.Tome  Prep #: 002
Nk 210769+ Skeleton + tissue

003 ♀ (PLsc=0) Dipodomys spectabilis 363-206 - 53.17 ± 129g
lat./long.: 33°00'14.6"N -107°24'39.8"W Elev.: 44980 ft
Coll. Date: 8 Sept. 2013  Prep. Date: 8 Sept. 2013
Coll.: Mammalogy Class 2013  Prep. C.Tome  Prep #: 003
Nk 210781+ Skeleton + tissue + ecto

U.S.A.: New Mexico; Sandoval; Santa Fe National Forest; 7.3 km NNE Fenton Lake, along HWY 126
lat./long.: 35°49'28.4"N -106°7'51.56"W Elev.: 2545m

004 ♀ (wen, PLsc=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; Takanze Lake; Talus Field
lat./long.: 57°07.962'N 134°56.537'W  Elev: Not Available

005 7  Sorex cinereus  109-49-12.5-7  2.5 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 5  (T=6x4) Myodes rutilus  112-26-18-11= 18.2 g
Coll. Date: 6 Jul. 2011  Prep. Date: 13 Nov. 2013
Coll.: Greg Tessler, Joe Cook  Prep: C. Tome' Prep # 006
Nk 233766  + skeleton + tissue  Accession #: 2012.018

007 6  (T=15x9) Myodes rutilus  112-30-18-11=30.9 g
Coll. Date: 6 Jul. 2011  Prep. Date: 13 Nov. 2013
Coll.: Greg Tessler, 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°37.611'N 108°57.590'W  Elev: 3389

008 7  (Psc=3) Callospermophilus lateralis
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: 42.356458 N -106.359640 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 #: 0000.082.0085

010  ♀ (P.S.C=Ø)  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 #: 10
NK 233859 + skeleton + tissue  Accession #: 0000.082.0085