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' 03.2" N  -107° 51' 37.1" W (approx.)
Elev. 1510 m

[Hand-drawn map indicating locations such as Road, Food Prep Spot, Specimen Prep Spot, Animas Creek, and old abandoned house with tent placements marked.]
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.

26 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 stream with mist nets]

Lori Dibble  
People: April Carter, Robert Scott, Catalina Torc, 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 o’ (ct 001)  
NK 216769 Tadarida brasiliensis o’ (ct 002)
07 Sept 13 At 3:30 PM Dr. Schmidly took several of the students to the entrance to Ladder Ranch. This is a Mesa grassland. Here, Ben and I placed 33 Sherman traps beside the mounds made by *Dipodomys spectabilis* which were left there overnight. We placed them more or less as follows:

![Diagram of Ladder Ranch showing the placement of Sherman traps]

Mesa grassland

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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. 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 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 = 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 (CL 403)

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.
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Species List

Chaetodipus intermedius (2)
Conepatus leuconotus (1)
Dipodomys merriami (8)
Dipodomys ordii (1)
Dipodomys spectabilis (6)
Lepus californicus (1)
Myotis thysanodes (1)
Myotis yumanensis (2)
Neotoma albigula (16)
Otospermophilus variegatus (1)
Perognathus flavus (1)
Peromyscus boylii (3)
Peromyscus leucopus (1)
Peromyscus maniculatus (3)
Tadarida brasiliensis (5)
Thomomys bottae (4)
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"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.Tome  Prep # 001
Nk 216757  + skeleton + tissue

002  ♂ (T=5x5.5) Tadarida brasiliensis  95-34-10-10 = 3.75g
lat./long: 33°0423'21"N -107°31'29"W Elev: 1510m
Coll.Date: 7 Sept 2013  Prep.Date: 7 Sept 2013
Coll.: Mammalogy Class 2013  Prep: C.Tome  Prep # 002
Nk 216769  + skeleton + tissue

003 ♀ (PLsc=♂) Dipodomys spectabilis  363-206 - 53-17=192g
lat./long: 33°06'14.6"N -107°39'39"W Elev: 41980 ft
Coll.Date: 8 Sept 2013  Prep.Date: 8 Sept 2013
Coll.: Mammalogy Class 2013  Prep: C.Tome  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°49'28.4"N -106°7'51.6"W Elev: 2545m

004 ♀ (♂, PLsc=♂) Callospermophilus lateralis
277-87-39-19 = 305g
Coll. Date 28 Aug 2013  Prep Date 29 Aug 2013
Coll. Bryan S McLean  Prep: C. Tomé  Prep #: 004
Nk 232896  +skeleton +tissue

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

005 7  Sorex cinereus  109-49-12.5-7 = 5.9
Coll. Date: 12 Sept. 2010  Prep Date: 2 Nov. 2013
Coll.: Jon Martin  Prep C. Tomé  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 8 (T=6x4)  Myodes rutilus  112-26-19-11=18.2 g
Coll. Date: 6 Jul. 2011  Prep Date: 13 Nov. 2013
Coll.: Greg Tressler, Joe Cook  Prep C. Tomé  Prep #: 006
Nk 233760  +skeleton +tissue  Accession #: 2012.018

007 8 (T=15x9)  Myodes rutilus  142-30-18-11=36.9 g
Coll. Date: 6 Jul. 2011  Prep Date: 13 Nov. 2013
Coll.: Greg Tressler, Joe Cook  Prep C. Tomé  Prep #: 007
Nk 233772  +skeleton +tissue  Accession #: 2012.018

U.S.A.: New Mexico; San Miguel; Elk Mountain
lat./long.: 35°7.691'N 105°57.590'W  Elev: 3389

008 8 (Fsc=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: 42.350458 N - 106.249640 W  Elev 2160 m

009  ♂ (2♀x3) 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 #: 2000.082.0005

010  ♀ (PL♂=♂) 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 #: 2000.082.0006