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Mammalogy Class 2012 Field Notes

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Trip Logs Mammalogy Fall 2012

Trip 1 - Jemez Mountains

Trip 3 - Ladder Ranch

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Field Trip One - Mammalogy Fall 2012

7 Sept. 2012 - 9 Sept. 2012

Road Log

7 Sep 2012

Leave UNM/Albuquerque 12:34 PM MDT
North on I-25 toward Bernalillo
odometer: 20115

wrong direction - passed Bernalillo east...
exited at Algodones Exit 248 odom: 20141
headed back south toward Bernalillo

Exit 242 - Bernalillo, NM550N 1:05 PM MDT
odom: 20147 - north toward Cuba

Crossed Rio Grande riparian zone - gained elevation into desert/grassland eco-zone.
Geology: sedimentary + basalt Quaternary-Tertiary
Biology: Desert/Grassland - dominated by cactus

Gaining elevation towards Cuba. Geology: volcanic deposits, rhyolites + tufts evidenced in layering in road cuts - Quaternary-Tertiary
Biology: desert giving way to Piñon/Juniper
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FR 70 - turn left at 2:38 PM MDT,
odometer: 20222

elevation quickly rising through P-J, into
and through Ponderosa pine and into
Spruce-Fir/Mixed Conifer

Arrived at site 2 km south of
San Gregorio Reservoir at 2:45 PM MDT
odometer: 20224

Trip 1 Participants

Julie Hawk (JWH) Julie Hawk
Valerie Hovda Brian Hovda VRH
Evan Fahy ~~EVF~~ EFF
Vanessa Cassias Vanessa Cassias VRC
Marie Westover (MLW) MME Westover
Nichole Herrera (NRH) Nichole Herrera
Kristin Wright (KW) Kristin Wright
Joe Cook ~~JK~~ JK
Amanda Jones (AJ) Amanda Jones
Kevin McCormick (SKM) ~~SKM~~
Rosemary Steinberg (RKS) Ni
Kayce Bell (KCB) Kayce Bell
Schuyler Liphardt (SL) ~~SL~~

Bethany Abramson (BLA) ~~BLA~~

Heather Toman (HMT) ~~HMT~~

Amber West (ALW) Amber West

Leonardo R Gutierrez (LRG) ~~LRG~~

Amber Howard ~~AH~~ ARH

Andrea Jackson ~~AJ~~ ACS

Michael J Smith (MJS) ~~MJS~~

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site description + locality

We were camped in an open meadow along the
~~the~~ riparian area/zone of Clear creek.
Away from the creek we were in
a dense mixed conifer forest - many
stands of aspen - also Ponderosa pine
intruding depending on local orientation

United States: New Mexico: Sandoval County,
Clear Creek 2 km south of San Gregorio Reservoir,
36° 02' 20.5" N, -106° 08' 40" W, elev. 2796 m

weather

skies were mixed between mostly cloudy
and clear

temp mild during the day, cold at night

although not below freezing - 60's day 30's night

humidity/precip. humid mornings with some
misting rain

Trapline SWL - MJS

Schuyler Liphardt + Michael J Smith

7 Sep 2012 - afternoon trap line set

Pine + Aspen / lot of dead fall / low canopy -
dark - First trap station just inside
tree line north of small meadow north
of Clear Creek on east side of
FR 70

Sh = Sherman trap Sn = Snap trap

- rat traps
- museum specials

7 Sep 2012

N

1. Sh + Sn - low canopy, rocky, dark
2. Sh + Sn
3. Sh + Sn - uphill
4. Sh + Sn
5. Sh + Sn - more brushy, canopy opening
6. Sh + Sn - grassier, more open
7. Sh + Sn - tall Ponderosa pines
8. Sh + Sn
9. Sh + Sn - old dirt road
10. Sh + Sn
11. Sh + Sn - aspen + pine mix
12. Sh + Sn
13. Sh + Sn - uphill
14. Sh + Sn
15. Sh + Sn
16. Sh + Sn - more open / higher canopy, brushy under
17. Sh + Sn
18. Sh + Sn - more open, grassy

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19. Sh + Sn brighter/more sun
 20. Sh + Sn
 21. Sh + Sn tall aspen + Ponderosa pine
 22. Sh + Sn more open canopy
 23. Sh + Sn
 24. Sh + Sn
 25. Sh + Sn ATV trail
 26. Sh + Sn
 27. Sh + Sn thicker underbrush - more
 28. Sh + Sn closed canopy - darker/less sun
 29. 4 Sh + 3 Sn
 - ran out of flag tape so stopped setting

33 Shermans + 32 Snaps = Total

8 Sep 2012 - 6:15 AM MDT - weather cool + cloudy, rained some during night
catches

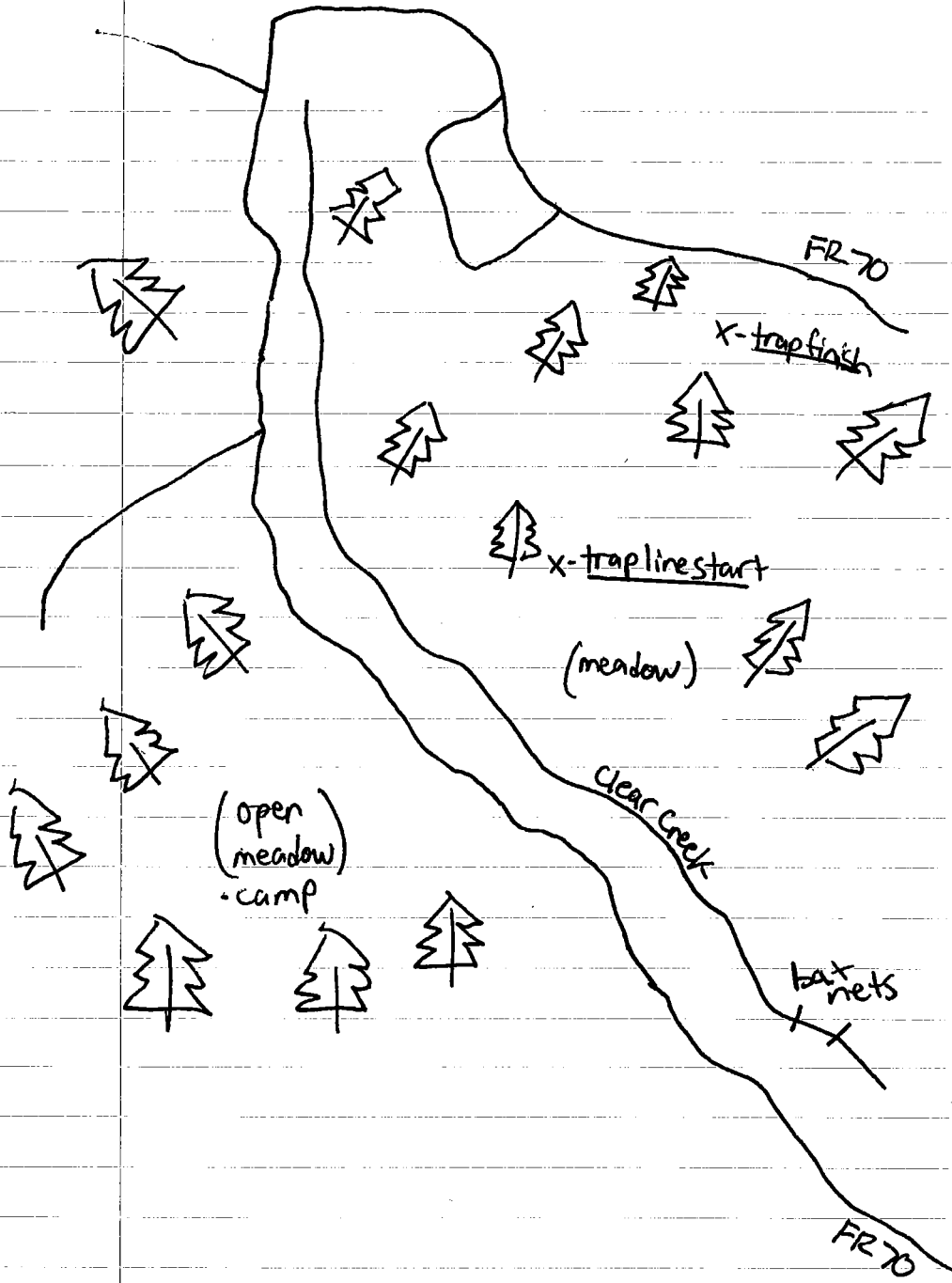
12/33 Shermans 36.4%
 9/32 Snaps 28.1%
Tamias = 3 Peromyscus = 18

8 Sep 2012 2:35 MDT - mostly sunny, warm
 3/30 Shermans - Tamias = 2
Peromyscus = 1
 2/31 Snaps - Tamias = 1 Spermophilus = 1

9 Sep 2012 6:30 AM MDT cold + cloudy
 3/27 Shermans - released Tamias = 1 Peromyscus = 2
 1/31 Snaps = Peromyscus = 1

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↑
San Gregorio Res



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Trip 1 Species List

Sylvilagus nuttallii

Tamias minimus

Sorex monticolus

Tamias quadrivittatus

Sorex cinereus

Neotoma cinerea

Thomomys talpoides

Tamiasciurus hudsonicus

Spermophilus lateralis

Peromyscus leucopus

Eptesicus fuscus

Field Trip 3 - Mammalogy Fall 2012

26 Oct 2012 - 28 Oct 2012

Road Log

26 Oct 2012 - left UNM/Albuquerque
12:05 MDT - South I-25

odom: 0.0

exited I-25 in Socorro Exit 150 for
supplies - back on I-25 Exit 147

exited I-25 in San Antonio Exit 139 for
lunch - back on I-25 odom: 88.8

Exit 63 - odom: 165.2

headed west on NM152 - leaving Rio Grande
valley, gaining elevation into
desert + life zone - mesquite, cactus

turn north onto Ladder Ranch property
odom: 172.3 - Ladder Ranch Rd.

crest ridge into valley - odom: 176.4

bottom land/riparian zone - odom: 177.7

cross Animas Creek - odom: 178.5

End - odom: 178.9

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Trip 3 Participant List

Julie Hawk (JNH) Julie Hawk
Michelle Herrera (NRH) Michelle Herrera
Evan Fahy (EFF) ~~Evan Fahy~~
Joe Cook ~~Joe Cook~~

Amanda Jones (AJ) Amanda Jones
Kevin McCormick (SKM) ~~Kevin McCormick~~
Schuyler Liphardt (SLY) ~~Schuyler Liphardt~~
Kayce Bell (KCB) Kayce Bell
Rosemary Sternberg (RKS) ~~Rosemary Sternberg~~

Heather Toman (HMT) ~~Heather Toman~~

Amber West (ALW) Amber West

Marie Westover (MLW) ~~Marie Westover~~

Vanessa Casias Vanessa Casias VRC

Michael J Smith (MJS) ~~Michael J Smith~~

Amber Howard ~~Amber Howard~~ ARH

Andrea Jackson ~~Andrea Jackson~~ ACS

Tenyn J Jensen (TJJ) Tenyn Jensen

site description + locality

we were camped in a Riparian zone running through a desert. The area had a partially open canopy with sycamores, cottonwoods, willows, and long grass. Away from Animas creek was a desert zone dominated by mesquite

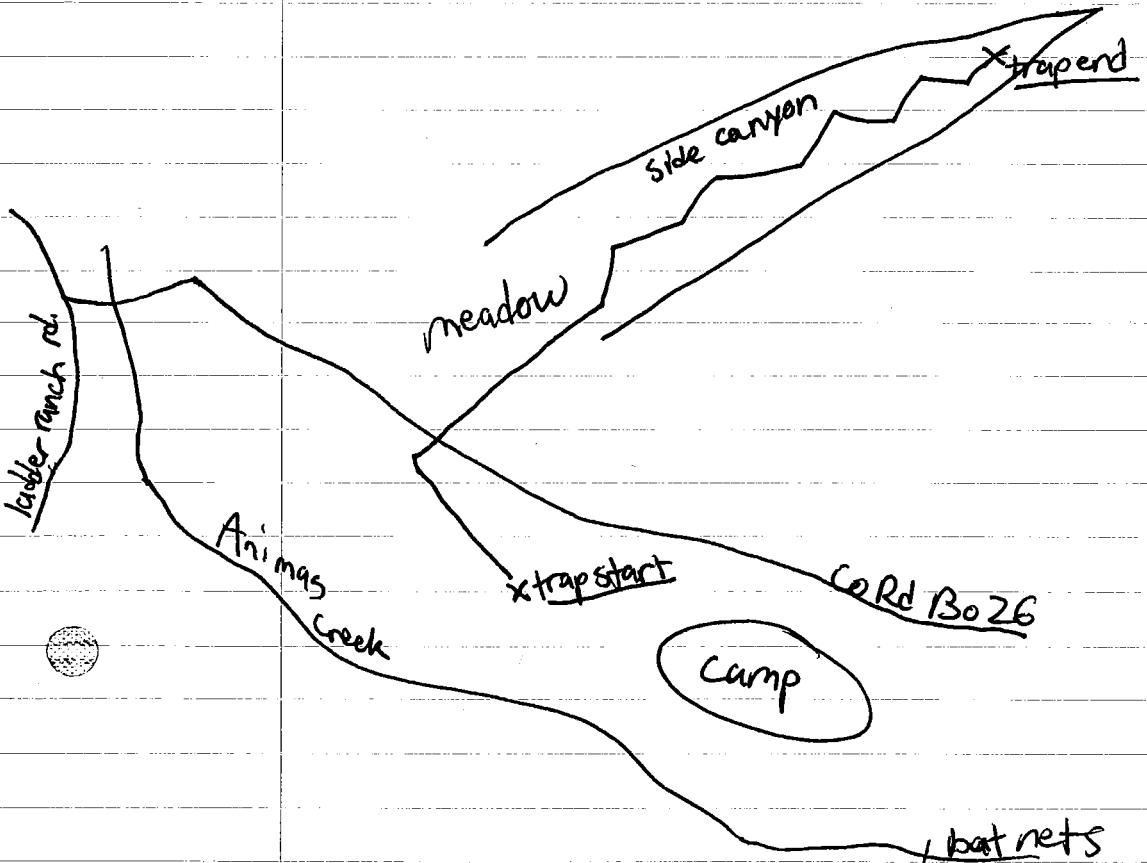
United States: New Mexico: Sierra County, Ladder Ranch, 1 km N, 10 km W of Caballo, 33° 0' N, 107° 5' W, elev. 1450 m

weather

skies - partly cloudy to sunny

temp. - mild days, cool nights, daytime 60's, nighttime 30's

humidity / precip - low humidity - no rain



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Species List Trip 3

Chaetodipus intermedius

Neotoma albigula

Peromyscus eremicus

Dipodomys merriami

Peromyscus leucopus

Thomomys bottae

Peromyscus boylii

Onychomys leucogaster

Perognathus flavus

Bassariscus astutus

Eutamias dorsalis

Trapline CSH Vanessa Casias, Julie Hawk,
Michael J. Smith

26 Oct 2012 ≈ 4:00 PM MDT - sunny + warm

trapline started just north of
camp in the cotton wood/sycamore
dominated riparian area, lots of dead
fall and long (past ankles) grass,
broken canopy - widely spaced
huge cottonwoods

Sh = Sherman trap Sn = Snap trap
- museum special
- rat trap

1. 1 Sh + 1 Sn
2. 1 Sh + 1 Sn
3. 1 Sh + 1 Sn
4. 1 Sh + 1 Sn
5. 1 Sh + 1 Sn
6. 1 Sh + 1 Sn
7. 1 Sh + 1 Sn
8. 1 Sh + 1 Sn
9. 1 Sh + 1 Sn
10. 1 Sh + 1 Sn
11. 1 Sh + 1 Sn
12. 1 Sh + 1 Sn
13. 1 Sh + 1 Sn
14. 1 Sh + 1 Sn
15. 1 Sh + 1 Sn
16. 1 Sh + 1 Sn

traps amongst dead fall
canopy varying dependent
on proximity to large
trees but mostly covered

- opening canopy

← Road
- open meadow

- thick deciduous trees - low closed
canopy - dense thru trap 18

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17. 1 Sh + 1 Sn
 18. 1 Sh + 1 Sn
 19. 1 Sh + 1 Sn - start of cobble covered slope,
 20. 1 Sh + 1 Sn desert life zone, brush, mesquite;
 21. 1 Sh + 1 Sn northeast into small canyon
 22. 1 Sh + 1 Sn with dry stream bed - uphill
 23. 1 Sh + 1 Sn
 24. 1 Sh + 1 Sn 31. 1 Sh + 1 Sn
 25. 1 Sh + 1 Sn 32. 1 Sh + 1 Sn
 26. 1 Sh + 1 Sn 33. 1 Sh + 1 Sn
 27. 1 Sh + 1 Sn 34. 1 Sh + 1 Sn
 28. 1 Sh + 1 Sn 35. 1 Sh + 1 Sn
 29. 1 Sh + 1 Sn 36. 1 Sh + 1 Sn
 30. 1 Sh + 1 Sn 37. 1 Sh + 1 Sn - almost at top
 of canyon

Sh = 37 Sn = 37

27 Oct 2012 \approx 8:30 AM MDT - cool, sunny
 Sh = 1/37 (X031) Chaetodipus or
~~Dipodomys~~

- Sn = 10/37 (X022) Neotoma
 (X023) Peromyscus
 (X024) Peromyscus
 (X026) Neotoma
 (X027) Dipodomys
 (X028) Chaetodipus or
~~Dipodomys~~
 (X029) Chaetodipus
 (X030) ?
 (X032) Dipodomys
 (X033) Chaetodipus

28 Oct 2012 \approx 10:00 AM MDT - warm, sunny

$S_n = 2/37$ (B047) + (B048)

$S_h = 3/37$ (B049)(B050)(B051)

Peromyscus + Dipodomys