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Mammalogy Class 2012 Field Notes

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1- Road Log: 10 October 2012

- Departed from my home on University & Gibson @ ~2:30pm, headed S on I-25 to exit 100. Turned West and then headed back north and followed it to 2nd West turn & followed the bat nets.
- Headed back to exit 100 where we met the group and then headed to TorC ~23mi (Exit 28) where people stopped at McDonalds for food.
- Continued South on I-25 to Exit 63 where we headed west towards Hillsboro (49092).
- At (49102) 12:59 we stopped to check out the copper mine.
- We took Rd 152 to Rd 180 (48108) heading West.
- At ~1:58 (48114) we stopped in Silver City for food and then continued on 180.
- At (48141) we entered the National Forest and stopped briefly to meet Mr. MacDonald and then followed a "steep rocky dirt road" to our campsite next to the Gila River in a nice riparian basin.

2- Participant list

Kerin Melonnick (SKM) ~~Shan Mason~~
Kristin Wright (KLW) ~~Kristin Wright~~
Nichole Herrera (NRH) ~~Melba Jones~~
Vanessa Casias ~~Vanessa Casias~~ VRC
Valerie Horda ~~Travis Horda~~ VRH
Julie Hawk (JWH) ~~Julie Hawk~~
Amber Howard ~~Amber Howard~~ ARH
Schuyler Liphardt ~~Schuyler Liphardt~~ S-L
Evan Fatt ~~Evan Fatt~~ EFF
Amber West ~~Amber West~~ AW
Marie Westover

3- General site description

Spruce / Douglas fir habitat with aspen trees, grass clearing, clover grass, & strawberries, new growth of trees, wild rose, pandanus pine, blue spruce, Irises. Uneven hilly terrain
Habitat: pine forest trees height 40ft-50ft height under 2-3 ft

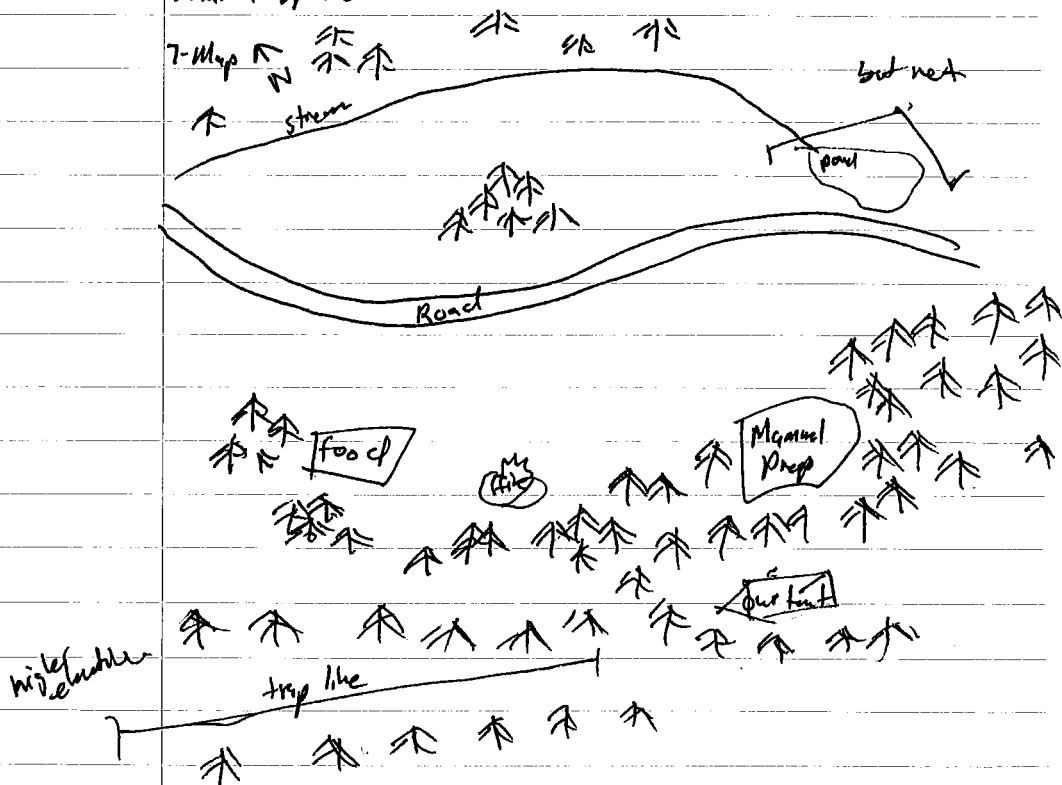
4- Officially Designated Location

New Mexico; Sandoval County; Santa Fe National Forest Jemez Mountains
Clear Creek, 2km South of San Gregorio Reservoir GPS 36.02205 -106.84
Elev. 2796 meters

5- Weather: Cloudy, no sun 100% cloud cover, light rain cool temp
72°C night 48°C

6- Trapline Info: LKB EFF 40 shermans, 10 pitfalls

Along a slope with many decaying logs and mixed conifers and pines
Dominant Spruce



8- Captures

<u>Chaetodipus</u>	<u>interpres</u>
<u>Peromyscus</u>	<u>boylii</u>
<u>Neotoma</u>	<u>stephens</u>
<u>Peromyscus</u>	<u>leucopus</u>
<u>Myotis</u>	<u>californicus</u>
<u>Microtus</u>	<u>californicus</u>
<u>Neotoma</u>	<u>albigula</u>
<u>Neotoma</u>	<u>stephens</u>

9- Species list for trip

Sylvilagus nuttalli

Tamias minimus

Sorex monticolus

Tamias quadrivittatus

Neotoma cinerea

Thomomys talpoides

Sorex cinereus

Tamiasciurus hudsonicus

Spermophilus lateralis

Peromyscus leucopus

Eptesicus fuscus

Field Journal - Jemez

• 7 September 2012

It was our first trip out and everyone was excited to get going. I was driving one of the Vans with Kacy as the other driver. Kevin set shotgun and Amanda, Bethany, Kosi, Amber West and Michael came along in our Van. We were all still getting to know each other and so at first it was a little quiet. As we started the trip that quickly changed and we all started to introduce ourselves. Kacy was in front of me as we drove up I-25. We made a wrong turn and backtracked. Once back on course we quickly stopped by a gas station and headed on towards the camp site. Once we arrived we all setup our tents and signed up for maintenance classes like food prep and fire collector. As we sat down we talked about our main reason for coming to this location, to find a possible unique species of vole unique to Jemez Mtn region. There we all speculated on what was the catch for the next day. After that we all went to bed.

• 8 September 2012

We woke up early and went to eat breakfast. After breakfast we were instructed on how to set traps the different types of bait and how to use flags. Kevin my partner and I then set traps next to our tent and along the side of the mountain. We had 10 pitfalls and 40 shrew traps. Then we collected the traps and only caught 5 *Peromyscus* and 3 *Tamias*. From there we dropped the animals off and began to prep. I prepped 2 *Tamias* and one *Tamiasciurus hudsonicus* that was in poor shape since it was killed by a shotgun blast. The day continued on getting cooler as the temp dropped. By that time it was time to check the lines

We checked the lines and replaced them accordingly. Then we got news that we found the snakes that we were looking for. Then I went to help with making dinner. Once we ate we all went to bed except those who were checking for bats.

9 September 2012

We woke up early and checked our lines. We already collected 10 many deer mice so we were instructed to release them. We were all tired and decided to leave early on this day. Then we all closed camp and collected our trash. They needed more water so Kenia, Skyles and I drove for some water for distal and do drink. Once we arrived everything was mostly packed so we filled the van and went home.

1 - Road Log - Jemez 7 September 2012

- 1) Departed 12:35 pm from UNM on I-25 N mileage 20,115
- 2) Exit 248 to 91 govt road 12:56 heading West mileage 20,181 ^{left back onto I-25 south}
- 3) Exit 242 onto 650 North to Bernillo/Cuba time 1:05 pm Mileage 20,187
- 4) Stopped in Bernillo for lunch - left at 1:12 pm
- 5) Turned right onto NM-126 Mileage 20,213
- 6) Left on Forest road 70 @ 2:36 mileage 20,222
- 7) Arrived 2:42 Mileage 20,224

2- Participant List

Kerin McLarnick (SKM) Kerin McLarnick
Kristin Wright (KLW) Kristin Wright
Nichole Herrera (NRH) Nichole Herrera
Vanessa Casias Vanessa Casias VRC
Valerie Horcla Valerie Horcla VRH
Julie Hawk (JWH) Julie Hawk
Schuyler Liphordt SWL Schuyler Liphordt
Evan FARR EFF Evan FARR
Amber L West ALW Amber L West
Teryn Jensen TJS Teryn Jensen
Marie Westover MW Marie Westover
Bethany Abrahamson BLP Bethany Abrahamson

3- General Site Description

The first camp site: The camp was a high altitude desert habitat with shrubs. It was a shallow canyon in a transition zone between Piñon / Juniper with desert shrubs grassland.

The second camp site: The camp was in a riparian river valley (the Gila River) with willows, cottonwood and sycamore trees and some sage. Surrounding the valley were slopes of Piñon/Juniper environment.

4- Officially Designated Location

1. USA: New Mexico: Socorro County, Gila National Forest, San Mateo Mountains, 10 km E of Vicks Park long lat 33.5556/-107.3025
Elev: 1768 meters 10 October 2012

2. USA: New Mexico: Grant County, Gila National Forest, Mogollon Mountains, Gila River 10 km N, 10 km E Cliff lat/long 33.0637/-107.50105 Elev: 1440 meters
12 October 2012

5- Weather

1st campsite The weather was warm 60's 60's °F

2nd Campsite Generally warm, sunny weather during the day (60's-70's)
The second night @ the Gila it rained at night and the morning was cool and it gradually got warmer

6. Trapline Information: Kevin McCormick, Leonardo Gutierrez
Traplines - (40) snap traps, (40) shermans

The trapline starts close to the campsite next to a dry water stream we drop 4 shermans and 4 snap traps at each spot with 10 step intervals as we follow the stream along,

Gila Trip Journal 10 October 2012

Kevin and I decided to go early to meet up with John, Jason and Bryan at the San Mateo Mts since both of us had to take the GRE on Monday. As soon as we arrived we help set up a bat net by a large cattle tank and we both (Kevin & myself) set up trap lines parallel to each other along a dry ~~the~~ creek. We set up camp in a dry canyon with desert shrubs and grasses as well as mixed juniper and piñon trees scattered all about. Our line ~~lines~~ covered by shrubs and trees since it was along a dry river ~~bed~~ that periodically ~~exposed~~ under. We only set shermans since we were not going to process any animals due to meeting up with the group and transferring to a new campsite. We expected to capture more wood rats and experience rain due to the weather forecast but none happened. We had dinner checked the bats ~~and~~ catching about 4 bats that night then went to bed.

11 October 2012

We woke up early checked our traps and caught a few deer mice, then we packed what we had after having breakfast. Then we helped check gopher traps further down the road with nothing captured. John mentioned that due to the very rocky gopher holes they might have prevented their capture. Then we went further down the road and stopped by a canyon and checked those traps. We caught some wood rats then went further down and checked those traps and caught ~~Krebs~~ ^{Krebs}, deer mice, grasshopper mice and pocket mice including an albino grasshopper mouse. That habitat consisted of open grasslands. Then we met with most of the group and continued our trip to the Gila Mountains. We stopped at a ~~water~~ Grocery Store where we bought food for the trip, then we stopped at a copper mine where we

learned about the copper mines opposite of the local people. Then we continued our way towards the Gila where we ended up stopping at Mr McDonalds home and continued our trip with his added company. The trip was steep and rocky but we made it okay. ~~the~~ One army close to our campsite we had trouble finding the other UNIM group that was supposed to join us on the trip the fire cuts standards. Once we found a big campsite side we all set up and then and I quickly got to process during that night since we had to leave early the next morning. The zone was a riparian zone that had evidence of cows, horses, and other animals near by. I processed 2 grasshopper mice and 1 myotis and ate and went to bed. It rained during the night.

2 October 2012

We checked our traps in the morning we set up our traps along the Gila river. It was about 10-25 meter away from the river where we studied in the willows and grass to catch areas composed of debris from the Gila floods and all types of debris from cotton woods to dead logs. We spotted a great deal of skinner holes which seemed to promise a good harvest. We check the likes helped with breakfast and quickly left to get back home on time to take the GRE.