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Mammalogy Class 1994 Field Notes

Dov F. Sax

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D.F. Jax
1994

Journal

Road log:

8/26/94

Albuquerque (Oak & Grand) 0.0 miles -
North on I-25 to Santa Fe at 55.9 miles -
North on 285 to Highway 68 at 87.3 miles,
at 128.3 miles junction with highway 64,
At 131.8 miles junction with highway 522,
Right turn on San Cristobal (at 141.7 miles).
At 142.5 stayed to the right, at 146.4
miles we reached Lawrence Ranch main office.

12 miles N of
Taos →,
(Informed
of this
later)

26 August, 1994, New Mexico: Taos Co.;
D.H. Lawrence Ranch; Lobo Lodge; just ~~south~~
west downhill of Lodge

Partly cloudy evening, w/ moderate
temperatures. Two Tamhawk traps
laid out (baited w/ grain). In
Oak understory of Ponderosa Pine
dominated community. First line
of 10 sherman traps laid out in
oak understory, with a gently
sloping ($>15^\circ$) terrain. ~~1st~~ Second line
placed in oak understory & in part
in a grassland clearing (w/ mullein,
~~and~~ sweet clover, & various
grasses. Third line of sherman traps
laid on grassland / P. ponderosa ecotone.
A Sylvagus sp. was observed. Upon
rewalking the trap line several burr
were observed (dark head coms).

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8/27/94
7:38 AM

12 miles N Taos
(Inferred from this letter)

New Mexico: Taos Co.; D.H. Lawrence
Ranch. $35^{\circ}34.7'N$, $105^{\circ}35.7'W$, 8200 ft. ±300.

Partly Cloudy sky. Cool ($65^{\circ}F$).
On approx. 20° west facing slope which
levels to approx. 5° . Pinus ponderosa
is dominate plant (approx. height 12-17 m).
Understory composed of a shrubby
Quercus sp. (Gambelii?) in an aggregate
(clumpy) distribution. Herbaceous layer
composed of various grass spp.
Substrate covered w/ layer of
oak & pine leaves.

Two Tamhawk traps (baited w/
grain) are empty. Present in plant
comm. described above. Sherman
Trap line # 1 is also in same plant
comm. Line # 1 w/ 10 traps (were all ~~empty~~)
open & still baited (w/ grain). Sherman
line trap # 2 is in the same habitat,
but integrates w/ a herbaceous
clearing (w/ 50% bare soil - herbaceous
spp.: sweet clover, mullein, salix spp., &
various grass spp.). Also present in
rabbit brush, a ~~pinus~~ juniper, and other
unknown spp. Several bird spp. are audibk.
All 11 traps on line # 2 were open
& baited. The plant composition of

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Peromyscus
maniculatus

line #3 is roughly the same as line #2.
Traps 1, 2, 3, 4, 5, 6, 7, 9, & 10 are
empty & baited. Trap # 8 is sprung.
Trap # 8 was placed along side of
a log next to rabbit brush &
sweet clover near a juniper, pine
& oak on relatively flat ground
w/ 50% bare surface.

3:40 PM check →

line # 2, Trap # 4 is closed, it is
on flat ground in a clearing in amongst
mullen, sweet clover, & various grasses.
All other traps were still open.

The following is a list of people who
participated in the trapping:

Jorge A. Salzar-Bravo	JJB
Gina DellaRusso	RDR
Tobias J. McBride	ETJM
Damien T. Scott	DTS
Melissa Ann Chavez	MAC
Jon h. Dunnum	JhD
Heather C. Smith	HCS
Kurt E. Shipley	KES
Lisa A. Hollis	LAH
Melissa Senz-T.	MST
Jack Raines	JER
Terry h. Yates	THY

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Gary Mallaschewski	GLM
Suzy M. Goetsch	SMG
Melissa Bertram	MCB
Frankie Bermudez	FCB
Amy Ditto Anym. ^{sp2} Ditto	AMD
Angela Adams	AA.
Javier Fragg	JHF
Jennifer K. Frey	JKF
Trina C. Peterson	TCP
Ellen H. Roots	EHIR
Dou P. Sax	DFS
Laura T Gonzalez-Gozman	LGG
Michael Yates	MRY
Willy Tully	WPT

8/28/94 7:28 AM DFS Lines 1-3

Clear sky, w/ cool temperatures (60°F approx.)
Line 1 Trap 10 is triggered. It is
under some oaks, amongst junipers,
bordering P. ponderosa stands. There
were 10 traps set on line #1. Next to
LITW is some deer scat.

→ Eutamias

quadrivittatus

Total Record for the Trip:

1544 Trap Nights with 84 captures
(18.3 \bar{x} Traps/capture for Both
Sherman & Tomhawk)

1489 Sherman Traps & 55 Tomhawk Trap
Nights ₄

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Total from Lawrence Ranch:

- 63 Peromyscus maniculatus
- 13 Eutamias quadrivittatus
- 32 Microtus pennsylvanicus
- 32 Neotoma mexicana
- 1 Neotoma cinerea
- 1 Microtus longicaudus
- 2 Spermophilus variegatus

The above data excludes trap lines

for AMY 1 - 8/27/94

JER 1 - 8/26/94

JER 2 - 8/26/94

because of unknown data

9 September 94: Road log to Spring Time Canyon:

14:20 Depart UNM - (0.0 miles) (I-25 & Coal St.)

15:35 Socorro - (72.2 miles)

16:40 Exit 100, Red Rock Canyon (121.1 miles)

Head West

(121.4 miles) Right onto Route 1 (North?)

(126.1 miles) Left onto USFS 225 (West)

(133.5 miles) stopped in Chihuahuan
desert area (set 280 sherman traps)

[139.1 miles] - arrive at campsite, just past pond

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New Mexico: Socorro County; 32 miles S, 25 miles W of Socorro. 33° 33.553' N, 107° 19.092' W, Ft. September 9, 1994

18:00 - 5.6 miles from camp, in Chihuahuan site. Scrub vegetation w/ grasses & herbs. Co-set 40 Sherman traps & 2 Tammhawks, baited w/ Cereals (Oats, etc) [set by DFS & JSB]. Cloudy skies w/ moderate temperatures. Trap line followed an ephemeral stream bed (2-3 m in width). All traps placed w/in 3 meters of stream.

New Mexico: Socorro County; 32 miles S, 29.5 ~~3~~ miles W of Socorro. 33° 33.662' N, 107° 23.209' W, 7100 Ft.. September 9, 1994.

19:00 - North of camp on south facing slope, placed 1 line of 40 Sherman traps. Bottom of line starts in canyon bottom & runs up the hill. Ranging from Pinus ponderosa & Quercus sp. to more chaparral reminiscent plants w/ scrubby oak, piñon, an occasional pine w/ some herbs & grasses. ■

New Mexico: Socorro County; 32 miles S, 25 miles W of Socorro. 33° 33.553' N, 107° 19.092' W, Ft. September 9, 1994. (Chihuahuan site)
7:47 - Sky cleared last night w/ crescent

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moon showing. Cool in the morning. All traps not listed & described were empty & untampered with.

Trap #1 - Peromyscus boylii? - Under large sclerophus bush.

Trap #3 - Peromyscus boylii ♂ - 3m from stream under (mesquite?) w/ intermittent grasses & bare soil.

Trap #6 - Nestoma albigula - under sclerophus bush, near stream

Trap #8 - P. ~~boylii~~ boylii - "

Trap #18 - N. albigula - under sclerophus tree w/ grasses & herbs

Trap #20 - P. boylii - at top of bank, adjacent to rabbit brush

Trap #32 - N. albigula - w/ sclerophus vegetation

Trap #38 - P. boylii - under Quercus sp. tree

New Mexico: Socorro County; 32 miles S., 29.5 miles W. of Socorro, 33° 33.662' N, 107° 209' W, 7100 ft. Sept 10, 1994 (North of Camp)

10:02 - Clear sky, All traps were empty w/ exception of Trap # 36 which contained a Peromyscus boylii. The trap was placed amongst some logs, w/ 80% ~~leaf litter~~ leaf litter cover w/ no herbaceous layer, under Quercus sp., Pinus sp., & a juniper.

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9-10-94

New Mexico: Socorro County; 32 miles S.
& 25 miles W of Socorro. $33^{\circ}32.822'N$, $107^{\circ}17.224'W$
elevation 5700 ft September 11, 1994

3:50 - Arrive at 2nd Chihuahuan site, at lower elevation. Heavily grazed area (domesticated cows). Dipodomys holes & Neotoma nests evident. Vegetation consisting of grasses & occasional herbs w/ members of Caetacea & ~~Agaveaceae~~ Agaveaceae being the dominant plants - grading towards riparian zone w/ more shrubby vegetation. Forty (40) Sherman traps placed.

9-11-94

Dipodomys
spectabilis

Neotoma
albigula

8:44 AM - High stratus clouds w/ wind out of the North. Line 1 in damaged shortgrass prairie had 1 capture near Dipodomys mound on bare soil. Second line, in shrubby habitat, near Quercus sp & ~~juniper~~ juniper produced one capture in Trap 6. Nothing was caught in lines 3 & 4 w/ same vegetation pattern as line 2.

New Mexico: Socorro County, 32 miles S. & 29.5 miles W. of Socorro. $33^{\circ}33.662'N$, $107^{\circ}209'W$, 7100 ft. September 11, 1994 (North of Camp)

~~7:58~~
2:58 AM - Nothing was captured traps were collected.

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New Mexico: Socorro County; 32 miles S, 25 & 29.5 miles W of Socorro. 33° 33.662' & 33° 33.553' N, 107° 23.209' & 107° 19.092' W, (3 localities) September 9, 10, 11

↑
3

list of People Participating in Trapping:

Angela L Adams	ALA	Dor F. Sax	DFS
Ellen H Roots	EHR	Robert R. Parmaster	RRP
Ian MacCoubrey	ICM	Alice Chung-MacCoubrey	ACM
Amy Ditto	AMD	Gary Nallaschewski	GLM
Jack Rains	JER	Heather C. Smith	HCS
Darrell Jobson	DRJ	Kurt Shipley	KES
Jorge Salazar-Bravo	JSB	Laura Gonzalez-Guzman	LIGG
Damien T. Scott	DTS	Terry L. Yates	TLY
Tobia J. McBride	TJM	Jon L. Dunnum	JLD
Lisa A. Hollis	LAH	Frankie Bermudez	FB
Jennifer K. Frey	JKF	Michael Yates	MRY
Gina Jobson	DRJ	Sheryl	
Travis Perry		Nancy Yates	NY

Upper Site - [Both Nights - JLD 1st Night Data]

1017 → 981 Sherman Trap Nights, 68 captures
 → 36 Tomhawk Trap Nights, 0 captures
 62 Peromyscus boylii, 2 P. gratus, 2 Neotoma albigula,
 2 Tamias dorsalis

Desert Site #1, Middle Elevation locality -

250 → 238 Sherman Trap Nights, 18 captures
 → 12 Tomhawk Trap Nights, 2 captures (*,*)
 10P. boylii, 4 N. albigula, *1 Dipodomys spectabilis, *5 D. merriami

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Desert site #2, Lower elevational locality -

202 → 192 Sherman Trap nights, 14 captures

→ 10 Tomhawk Trap nights, 3 captures

7 Peromyscus boylii, 2 Onychomys arenicola,

*4 Neotoma albigula, *1 Spermophilus variegatus,

*2 Dipodomys spectabilis, 1 D. merriami

* = 1 animal captured in Tomhawk

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^{Rancho}
Mexico: Baja California Sur: La Burreta.
23° 29.795' N, 110° 03.923' W, 1400 Ft. October 10, 1994.

6:50 AM - Traps were placed yesterday afternoon in a light rain. I placed 40 sherman traps, one was defective. Last night the sky cleared to a bright evening w/ a half moon. This morning it is clear & cool (70°F). I didn't have any captures. One trap was sprung, but empty. Only one specimen was captured by our group, the Green group, which includes:

Jennifer K. Frey JKF

Dov F. Sax DFS

Ellen H. Roots EHR

Amy Ditto AMD

Heather C. Smith HCS

Travis W. Perry TWP

Angela h. Adams AHA

Scott S

230 Traps (Shermans) were set w/ 1

Pergandus sp. captured

We had 3 bat nets set in the arroyo below:

2 Myotis sp. were captured

10/11/94 - 39 shermans were collected, all were empty & unprung. The first

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1994

half of last night was clear & bright, the 2nd half was fairly dark.

Last night the green group, at this site, had 150 traps, with 1 capture by Ellen, a Chaetodipus spiratus.

At the bat nets, for green group, we captured a Myotis sp. & Mormoops sp.

This morning the group was processing animals by 9:00 AM.

I am amazed by the diversity of life that exists here. There are cactus & Bromeliads, stinging wasps, tarantulas, scorpions, glow bugs, pigs (feral), a plethora of insects, huge moths, bats, hummingbirds (a great variety), lots of others. It is hot & humid, but the change is enjoyable.

Road log from La Paz to Rancho La Burrera:

La Paz - Todos Santos, 80 Km to S on HW 1.

Todos Santos ~~to~~ - Puerto Campuchano, 3.5 Km to SW on HW 9.

Pto. Campuchano - Rancho "La Burrera", 11 Km NE (no HW designation)

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"Journey to Isla Espiritu Santo"

La Paz along coast (South) to harbor -
20 minute boat ride to Western side of
Southern most portion of Isla Espiritu Santo.

Mexico: Baja California Sur; Isla Espiritu Santo.
24° 28' N, 110° 21.5' W, 10m elevation October 12, 1994

Took approx. 25min boat ride to more
Northern portion of island (past the 2 little
islands the "rooster" & the "chicken"). Accompanied
by Laura Gonzalez-Guzman, Melissa Chavez,
Toby McBride, Scott Gardner, & Dr. Terry Yates.
Placed 40 Sherman Traps in late
afternoon. Traps placed in scrub vegetation
approx 300m from the lagoon at the
base of the hill. Vegetation consisting
of various xeric adapted plants
growing on rocky terrain. All mammalogists
were heavily parasitised by mosquito
populations, presumably living in Mangroves
growing in the lagoon. Jan was setting
as we left.

10-13-94 Approx 9AM -

Traps were checked. Five traps had
specimens (*Neotoma lepida* & *Chaetodipus*
spiratus). Additional traps were set & baited
to bring # back to 40.

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1994

10-14-94 Approx 11:30 AM -

We could not return to the site earlier due to extremely rough waters. A hurricane had blown ashore further south along the coast of Mexico. Mammalogists were again besiged by mosquitos. lots of high clouds w/ cooler temperatures than the previous day. last night had been extremely windy w/ alternating periods of heavy & light cloud cover. Four traps had specimens (Neotoma & Chaetodipus, 1 & 3 respectively). All specimens were released & All traps were collected.