

9-28-1992

New Mexico 1992 Field Notes

Luis Marcelo Lalles

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Luis A. Colles
1992

Journal

①

08/28/92 New Mexico: ^{Bernalillo Co.} Albuquerque Co.

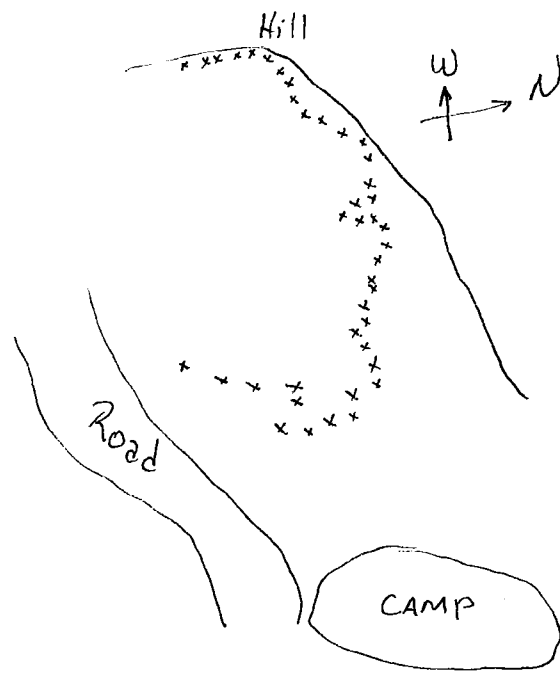
We start the trip at 13:51 heading to Belen road 78418 miles according to the van counter. Belen 14:35 hr. Socorro 15:13 hrs. Then we take right to 60 road for petrol (78494 miles) then we take left (78511) 15:48 hrs. overgrass plain at the foot of Magdalena Mountain. starts of National Forest (78514) Juniperus and Pignons trees around the area with grass at the bottom. Trees are getting closer each other. The camp area we are going to stay is 235. We starting to climb (78515) and we saw ponderosa pine. Douglas fir (78516) to the trail 15 and then to the trail 11 78520 miles we get to the 235 trail. (78522) Dust ~~near~~ tree trail 14. Trail 39 (78523) grassland starts as open area. We arrive at 78524 miles.

I set 1 line on the west area of the camp 40 traps Sherman baited with oak and chicken staff (corn and sun flower seed) at 6 pm. It was a grassland with rock in the edge of forest. At 10 pm. I look at my line and I found 3 ~~the~~ mice; *Neotoma mexicana*, "Microtus" and *Peromyscus*. The three of them were caught in the grass area up the hill. The line set with Jennifer Fray, caught 6 mice and Tom & Susy caught 7. Frosty caught 4 mice and two pocket gopher out of 6 traps.

08/29/92 New Mexico: Socorro Co. 4 mi E, 9 mi S, Magdalena

Lat 33°59'25.8"N Long. 107°10'53.5"W Alt. 3209 m.

At 6 a.m. I review my line and I caught 16 mice more. The total account was: 1 *Peromyscus boylii*, 12 *Peromyscus maniculatus*, 4 *Neotoma mexicana*, and 2 *Microtus mexicanus*



Luis P. Galles
1992

(2)

Jennifer Frey caught 4 Microtus mexicanus, 6 Peromyscus maniculatus, 1 Neotoma mexicana in a pure dry grass from 27 traps

Tom Collins caught 8 Peromyscus maniculatus, 4 Neotoma mexicana, 2 Microtus mexicanus, and 1 Clethrionomys gapperi in Grass edge and rock place from 40 traps

Brendon Wolf set 38 traps in a grass land with rocks and trees and he caught 8 Peromyscus maniculatus, 4 Microtus mexicanus.

Stepher Davenport caught 5 Neotoma mexicana, 1 Microtus mexicanus and 4 Peromyscus maniculatus. He set traps in a grass land at the edge of the forest where rocks were.

Mark Watson set his 40 traps around spruce and fir tree where grass and rocks were and he caught 4 Peromyscus maniculatus and 2 Neotoma mexicana.

Lower

Forrest Davis put his line in a $\pm 60^\circ$ slope in a rocky, grassy land near Ponderosa and he caught 3 Peromyscus maniculatus and 8 Neotoma mexicana out of 40 traps.

Lower

Potzwardtjes put his line in a steep ravine through mixed conifers; rocky in drainage, pine needle cover some downed trees. He set 30 traps and caught 4 Peromyscus maniculatus and 3 Neotoma mexicana

Low-Lower

Guy Herbert set his line in a mixed conifers with 39 traps and he caught 5 Neotoma mexicana, 5 Peromyscus maniculatus and 1 Peromyscus boylii

Low-Lower

Phil Glass set 39 traps in a mixed conifer woodland and caught 7 N. mexicanus and 4 P. maniculatus.

Lower

Nat Runyan 10 P. maniculatus and 3 N. Mexicanus out of 32 traps

Lower

Travis Perry 15 P. maniculatus, 5 N. Mexicanus, and 2 M. Mexicanus out of 30 traps

The total account is 14 M. mexicanus, 90 P. maniculatus, 2 P. boylii, 39 N. mexicanus, 1 C. gapperi 149 mice with 512 t.

Luis H. Zelles
1992

Today Michael Yates caught 2 gophers.

During the morning it was clouded and cool. The sun come out at 2 pm. and it is getting warm. At 3 pm we head up to the mountain where the observatory is with Terry Yates, Jorge Salazar, Michael Yates, Brian Yates and his friend. I set 25 traps up in the hill in a grass land with rocks and 15 traps inside the woodland next to rocks. We put with Terry Yates 8 buckets as pitfalls and 15 Thomas hawks. Terry yate set 40 traps inside the woodland and Jorge too.

During the night rains starting at 10 pm and didn't stop until dawn.

08/30/92 New Mexico: Socorro Co: 4 mi E; 9 mi S. Magdalena

At 7 am. we start to see traps. Morning was warm and stop the rain, announcing the start of a good and nice day. I caught 4 N. mexicana, 6 Microtus, 1 P. grotus, 2 P. maniculatus from the 25 traps up the hill and 5 P. maniculatus and 3 N. mexicanus from the 15 traps down the hill inside the woodland. The rest of the crew caught:

H Jennifer Frey : 27 traps 3 Clethrionomys gapperi, 13 P. maniculatus
Forest and Rocks 5 M. mexicanus, 2 P. difficilis, 2 N. mexicanus

H Stephen Davenport 40 traps 5 N. mexicana
Mixed forest grass 7 P. maniculatus

H Tom Collins 84 traps 3 C. gapperi, 7 M. mexicanus
5 N. mexicana, 12 P. maniculatus

H Brian Yates & Eddie Donato 7 N. mexicana, 5 P. boylii
6 P. manic 1 P. difficilis

top N. slope H Freddy Davis 36 traps 5 N. mexicana 5 P. maniculatus

Jois of Y. Zeller
1992

(2)

- () # Guy Herbert 1 P. maniculatus 2 N. mexicana 1 M. mexicanus
- top ridge # Nat Runyan 32 a) 8 P. maniculatus, 1 M. mexicanus, 2 N. mexicana
d) Rocky NW foam slope & fir b) 5 P. maniculatus, 1 M. mexicanus, 3 N. mexicana
e) woodland
- 1/2 way up with
3rd switch back
by camp → # Gannon Bill Eutamias dorsalis
Spermophilus variegatus
- # Pet Zwartjes 30 traps 3 N. mexicana, 9 P. maniculatus,
step ravine through mix conifer 1 P. difficilis
- top-ridge # Travis Perry 30 traps 3 N. mexicana 2 N. mexicanus
19 P. maniculatus
- # Terry Yates 40 traps 2 N. mexicana, 3 P. maniculatus
1 P. gratus, 1 Clethrionomys gapperi
- () # Jorge Salazar 40 traps 3 N. mexicana, 5 P. maniculatus
Forest Douglas fir/Aspen 1 C. gapperi
- # P. Zwartjes 12 traps 5 P. maniculatus 2 N. mexicanus
Rocky grassland.
- at Lab - # Monique Mosher 33 traps a) 1 Neotoma, 6 P. mexicanus
d) Rocky slope b) sparse aspen b) 6 P. maniculatus 1 N. mexicanus
- west slope-top # Phillip Glass 28 traps a) 1 P. maniculatus, 2 N. mexicana, 1 P. difficilis
d) 9 mi S 5 mi E b) this locality b) 1 P. gratus
+ P. maniculatus, 4 M. mexicanus, 1 N. mexicanus
- top ridge # Travis & Nat 30 traps 5 N. mexicana, 7 P. maniculatus, 1 Microtus
old growth
- west slope-top # Steve Dueport 15 traps 6 P. maniculatus 1 N. mexicana
60° slope grassland NW
- () We left the camp at 1:30 pm after we prepared all the
animals collected. We arrive at UNM parking place
at 4:00 pm.

Luis P. Valles
1992

(5)

September 18, 1992 New Mexico, Bernalillo Co Albuquerque

We left Albuquerque at 2⁴⁵ towards 40 Road west 56,5 miles away we change to Cubero 104 Road at 3⁴⁸ pm until we got to Villa Cubero 2.4 miles more at 4⁰⁷ pm. There we found a Motel and gas station where we bought petrol and we left to the right road where a Cubero School notice was 1.5 miles further we took another left where a notice Cibola & country was. On that earthy road we found a rabbit 0.9 miles away and 2.5 miles more we saw a sign Mt Taylor Ranch 3.4 miles further we cross a fence and at 4³⁰ we got to Mt Taylor Ranch going by Water Canyon road. We saw two Alce (Elk) males and 2 miles further we got to Gutierrez Creek and half a mile further we saw one Alce ^(Elk) and 0.9 miles further 3 Alce more ^(Elk) 0.3 miles further we cross another fence to get to UNM field and we arrived at 4⁴⁰ to the camp.

I put 60 Sherman traps on top of the hill where the Spruce forest was and finished at 6³⁰ pm. The following morning after a pretty rough night and a sunny night with the temperature not so cold we went to see the traps. Frosty caught 5 gophers and one scape during the night.

September 19, 1992 New Mexico: Valencia Co; Mt Taylor,

Water Canyon 35°13'33.3"N, 107°33'31.4"W 2695 m.

The result of the Sherman trap collection is as follow:



Mount Taylor. View from the place I set 40 sherman traps. Sept. 18, 1992



Slope were I set 40 traps Sept 19, 1992

Nuis H. Zalles
1992

Beaver Meadow

(5)

P. Glass, G. Herbert and K. Vanden Bosch

they put two mist nest 1 42" and another 52" and they collect 1 *Myotis evotis* and 2 *Eptesicus fuscus*

Jennifer Fray set 29 traps and collect

3 *Peromyscus maniculatus*

8 *Microtus longicaudus*

M.L. Watson set 40 traps in meadow/mixed conifer edge

1 *Neotoma mexicana*, 1 *Microtus longicaudus*

1 *Peromyscus maniculatus*

R. Davidson set 35 traps in top of Pine forest Mill

and caught 2 *N. mexicana*, 1 *Eutamias* sp., 6 *P. maniculatus*

and 5 traps near rocky area and caught

1 *M. longicaudus* and 3 *P. maniculatus*

H. Zalles set 60 traps in top of Spruce Forest

4 *Neotoma*, 1 *Peromyscus* and 1 *Microtus*

E. Palma set 68 traps in top of Spruce Forest

11 *Peromyscus*, 1 *Microtus*, 1 *Neotoma*

and in the rocky area set 20 traps

1 *Microtus* and 1 *Neotoma*.

T. Collins set 38 traps in the Beaver Meadow

1 *Sorex* sp, 3 *Microtus mexicanus*, 3 *Microtus*

longicaudus and 1 *Peromyscus maniculatus*.

S.C. Rezacil set 28 small shermans in Spruce/

fir edge of Beaver meadow and caught

7 *Microtus longicaudus* and didn't catch

anything in 8 pit falls set in Beaver Meadow

B. Wolff set 31 in beaver meadow

6 *P. maniculatus* and 1 *Microtus mexicanus*

Natalie and Travis P 40 traps talus slope

4 *P. nasutus*
1 *P. maniculatus*
2 *N. mexicana*



View of Los Alamos Canyon from
the road



High area of Los Alamos Canyon

Luis H. J. J. J.
1992

6a



Elk. View from Gutierrez Creek



Camp area. View from mount Taylor

Nuis A. Zalles
1992

(7)

During the day we were preparing the animals and at six fifty we left the camp toward Albuquerque.

On the way back we saw another elk. We arrived at 8³⁰ pm. to the UNM parking place.

October 23, 1992 New Mexico: Bernalillo Co; Albuquerque

We start the trip to Sevilleta Biological Station at 2 pm. The crew is form by 16 people. We took the exit 175. *Tadesida brasiliensis* was saw under the overpass.

Then we took Exit 169 to La Jota State Game Refuge and Sevilleta Field Station about 60 miles from Albuquerque South. We arrived at 3²⁵ pm.

When we arrive Dr. Yates divided the crew into two groups one group will go to Sepultura Canyon to set webs and the other group will set sherman lines in different places.

I was assing to the second group. We took the road I-25 North and the exit 175 East (Bernardo). About 7 miles we made a turn to the right (pole marked 173) and we head south. 2 miles more we made left at a fork and we took a dirty road heading east, and then half a mile we head south again.

I start a line where pine trees were next to a river bank. I put 80 shermann trap. 40 next to trees and 40 next to the river. see photos of the area.



I place 40 traps at the edge of the grass area next to the trees



Same place. At the end of the foresty area there is a river bank.

COLLECT REPORT FROM MAGDALENA MOUNTAIN

28 AUGUST 1992 : NEW MEXICO: SOCORRO Co : 4 MI E, MAGDALENA
 LAT 33°59'25.8" N LONG 107°10'53.5" W ALT. 3209 m

	A	B	C	D	E	F	G	No.T	T.RAT
L.Z.		2	4		12	1		40	0.475
J.F.		4	1		6			27	0.407
T.C.	1	2	4		8			40	0.375
B.W.		4			8			12	0.316
S.D.		1	5		7			40	0.325
M.W.			2		7			40	0.225
F.D.			8		3			40	0.275
P.Z.			3		7			30	0.333
G.H.			5		5	1		39	0.282
P.G.			7		4			39	0.282
N.R.			3		10			32	0.406
T.P.		2	5		15			30	0.733
Total	1	15	47		92	2		409	0.384

Abbreviations:

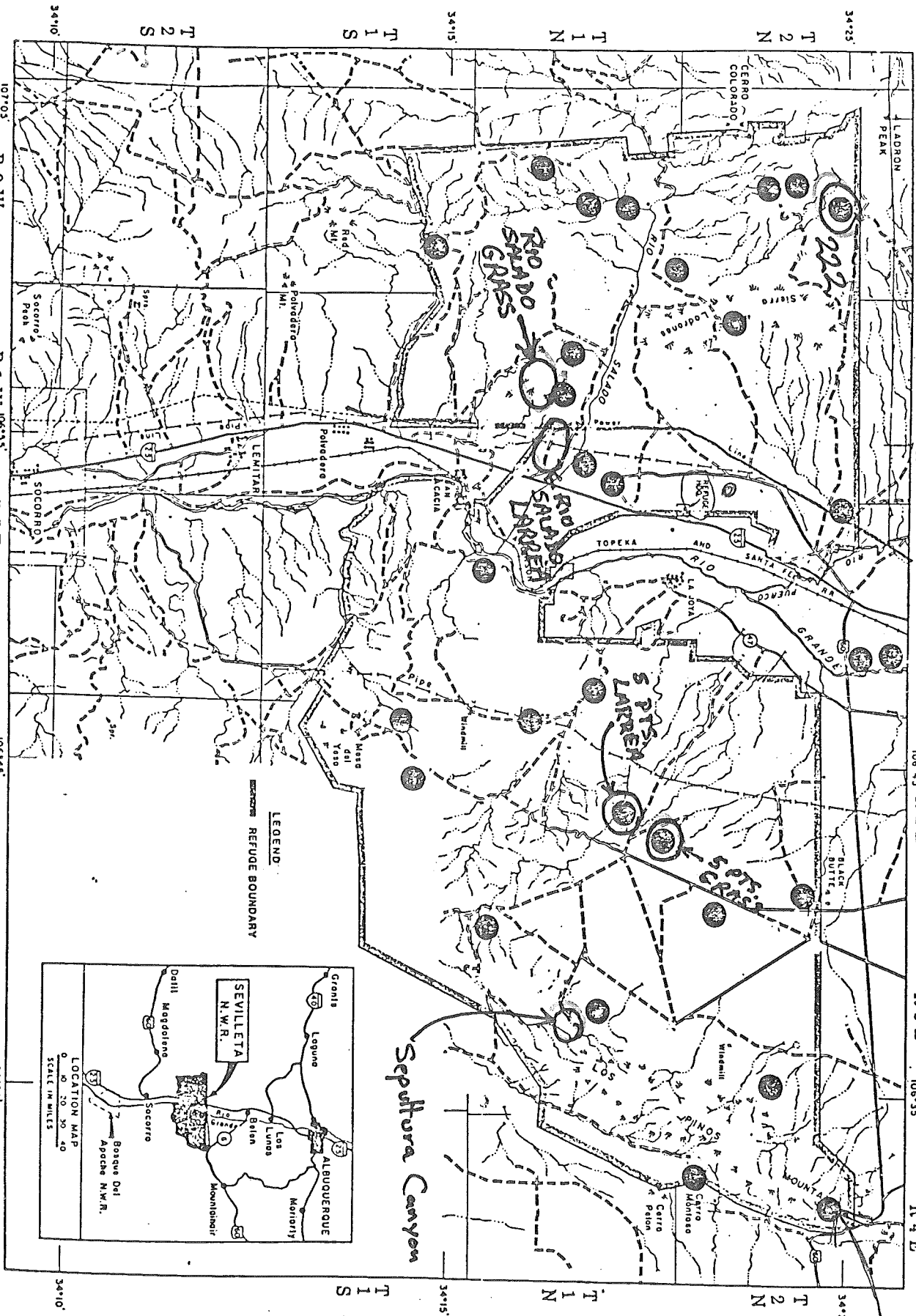
- A = Clethrionomys gapperi
- B = Microtus mexicanus
- C = Neotoma mexicana
- D = Peromyscus difficilis
- E = Peromyscus maniculatus
- F = Peromyscus boylii
- G = Peromyscus gratis
- No.T = TRAP NUMBER
- T.RAT= TRAP RATE
- S.D.=STEVE DAVEPORT
- T.P.=TRAVIS PERRY
- N.P.=NAT RANYAN
- P.G.=PHILLIP GLASS
- M.M.=MONIQUE MOSHER
- P.Z.=PAT ZWARTJES
- J.S.=JORGE SALAZAR
- T.Y.=TERRY YATES
- B.G.=BILL GANNON
- N.R.=NAT RUNYAN
- G.H.=GUY HERBERT
- F.D.=FROSTY DAVIS
- B.Y.=BRIAN YATES
- T.C.=TOM COLLINS
- J.F.=JENNIFER FREY
- L.Z.=LUIS ZALLES

30 AUGUST 1992 : NEW MEXICO: SOCORRO Co : 4 MI E, MAGDALENA
 LAT 33°59'25.8" N LONG 107°10'53.5" W ALT. 3209 m

	A	B	C	D	E	F	G	No.T	T.RAT
L.Z.		6	7		7		1	40	0.525
J.F.	3	5	2	2	13			27	0.926
T.C.		7	5		12		3	84	0.321
S.D.			6		13			55	0.345
M.M.			2		12			33	0.424
F.D.			5		5			36	0.278
P.Z.			2	1	14			42	0.405
G.H.		1	2		1			30	0.133
P.G.			2	1	1		1	28	0.143
N.R.		2	3		13			32	0.562
B.Y.			7	1	6	5		40	0.475
T.Y.	1		2		3		1	40	0.175
J.S.	1		3		5			40	0.225
T.P. & N.P		4	7		26			60	0.616
Total	5	25	55	5	131	5	6	587	0.395

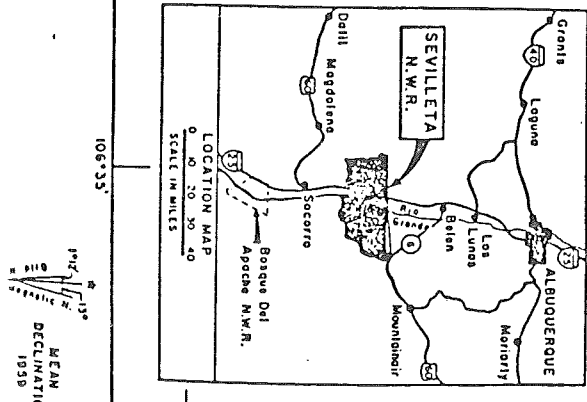
Arthropod Pitfall Locations
 Red + Yellow = Rodent Trapping Sites
 SEVILLETA NATIONAL WILDLIFE REFUGE
 SOCORRO COUNTY, NEW MEXICO

UNITED STATES DEPARTMENT OF THE INTERIOR
 107°05' R 2 W R 1 W 106°55' R 1 E 106°45' R 2 E R 3 E 106°35' R 4 E
 UNITED STATES FISH AND WILDLIFE SERVICE



COMPILED IN THE DIVISION OF REALTY FROM U.S.G.S. QUADRANGLES AND OTHER OFFICIAL INFORMATION.
 R 2 W
 AI QUADROUT, NEW MEXICO JANUARY 1974

R 1 W 106°55' R 1 E 106°45' R 2 E
 NEW MEXICO PRINCIPAL MERIDIAN



MEAN DECLINATION 1959

Soet

Phillip J. Glass
1992

JOURNAL

24 October, 1992

Road Log to Sevilleta Field Station

- 84.8 UNM Biology Loading Dock
I-25 South
- 136.3 Bernardo Exit 175 Taderida brasiliensis roost under overpass
- 141.9 Exit 169 La Jolla State Game Refuge & Sevilleta Field Station
Right turn at stop sign on dirt road.
- 142.9 Sevilleta Field Station

Road Log to Sepultura Canyon: --End of road to webs (6 satellites) Lat 34° 18' 9.4"N Lon 106° 37' 19.4"W

- 36.5 Field Station Gate
I-25 South to Exit 175 (Bernardo)
- 42.5 Bernardo Exit
Right from Exit heading East on Highway 60 to mile marker 173
- 50.3 Mile marker 173 just past radio tower antennas
Right turn onto dirt road to Black Butte Gate
- 52.3 Black Butte Locked Gate
- 53.0 Take left fork in road.
- 58.7 Sharp right bend in the road at base of mountains.
Follow road around bend (windmill @ bend in road).
- 62.5 Left Turn in road.
Site at 64.75 where we hiked from road up cliff to webs.
Saw about 12 Mule Deer

Road Log to Saccatone Grassland & trapping sites between Grassland & Field Station

- 38.0 Field Station
- 38.5 I-25 North
- 44.0 Exit 175 East (Bernardo)
- 51.7 Right turn at mile marker 173 heading south
- 53.7 Left at fork in dirt road heading east
- 54.4 Right at fork in road heading south
- 60.2 Continue south at fork in road
- 63.0 Rocky habitat where Pat Zwartjes & Guy Herbert trapped
- 63.2 Right at fork in road heading southwest
- 66.8 Open grassland where Phillip Glass and Brendon Wolff trapped
- 67.0 Right at fork in arroyo
- 67.1 Saccatone Grassland, Los Alamos Canyon. Tamarisk in arroyo

Trap Record

10

<u>24 October, 1992</u>	Jennifer. K. Frey	63 Traps	Field Station Lat 34°21'17.3"N Lon 106°53'8.0"W Alt 1533 m	5 Peromyscus eremicus? 5 Neotoma albigula 2 Dipodomys ordii 1 Dipodomys merriami 2 Perognathus flavescens 2 Peromyscus maniculatus
	Suzy. C. Peurach	37 Small Shermans	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	3 Peromyscus leucopus 2 Reithrodontomys megalotis 3 Sigmodon hispidus? 1 Neotoma albigula
	L. Marcelo. Zalles	80 Traps	Saccatone Grassland Los Alamos Canyon Tamarisk Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	10 Peromyscus leucopus 1 Reithrodontomys megalotis 1 Dipodomys ordii 1 Neotoma albigula
	Terry L. Yates, E. Rudin, Angela Day	9 Tomahawks	Saccatone Grassland, Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	2 Neotoma albigula
	Jorge. Salazar & Scott. L. Gardner	99 Shermans	Saccatone Grassland, Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	4 Dipodomys merriami 2 Neotoma albigula 2 Onychomys leucogaster 6 Peromyscus maniculatus(?)
	Jennifer. Miyashiro, et. al	144 Traps	Sepultura Canyon Web #1 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	2 Perognathus flavus 2 Dipodomys merriami 1 Chaetodipus intermedius
	Jennifer Miyashiro, et. al,	144 Traps	Sepultura Canyon Web #2 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	1 Onychomys leucopus 1 Dipodomys ordii 2 Chaetodipus intermedius 1 Neotoma albigula 1 Dipodomys merriami 1 Peromyscus truei
	Jennifer. Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #3 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	2 Perognathus flavus 2 Peromyscus leucopus 5 Dipodomys ordii 1 Peromyscus truei 1 Neotoma albigula 1 Dipodomys spectabilis

<u>25 October, 1992</u>	Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #1 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	2 Chaetodipus intermedius 1 Neotoma albigula 2 Dipodomys merriami 2 Perognathus flavus 1 Onychomys arenicola 1 Dipodomys ordii
	Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #2 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	1 Neotoma albigula 2 Perognathus flavus 1 Peromyscus truei 1 Onychomys arenicola 1 Dipodomys ordii
	Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #3 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	4 Perognathus flavus 2 Peromyscus leucopus 4 Dipodomys ordii 1 Dipodomys spectabilis 1 Peromyscus truei
	Phillip J. Glass & Brendon Wolff	39 regular Shermans 6 long Shermans	Saccatone Grassland Border Lat 34°18'10" N Lon 106°46'24.6"W Alt 1568 m (5 satellites)	2 Onychomys leucogaster 3 Dipodomys ordii 1 Neotoma albigula 3 Dipodomys spectabilis
	Pat Zwartjes & Guy Herbert	70 Traps	Rocky Habitat Lat 34°17'34.6"N Lon 106°43'4.9"W Alt 1580 m (5 satellites)	6 Chaetodipus intermedius 1 Peromyscus maniculatus 1 Peromyscus truei 1 Neotoma sp. 1 Dipodomys merriami 2 Peromyscus eremicus
	Monique Mosher	37 Traps	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	1 Sigmodon hispidus 4 Peromyscus leucopus 2 Reithrodontomys sp. 1 Dipodomys merriami
	Kris Vandenbosch	35 Traps	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	0 animals
	Terry L. Yates	9 Tomahawks	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	2 Neotoma albigula 1 Dipodomys merriami & 1 Peromyscus trap
		24 Shermans		2 Sigmodon hispidus 1 Neotoma albigula
		4 Sets of Gopher Traps		0 animals
	Jennifer K. Frey	45 Traps	Field Station Lat 34°21'17.3"N Lon 106°53'8.0"W Alt 1533 m	4 Peromyscus leucopus 1 Peromyscus truei 1 Dipodomys merriami 1 Neotoma albigula 1 Perognathus flavescens 1 Reithrodontomys megalotis

peromyscus

Phillip J. Glass
1992

JOURNAL

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Right turn at stop sign on dirt road.
- 142.9 Sevilleta Field Station

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173
 - 50.3 Mile marker 173 just past radio tower antennas
Right turn onto dirt road to Black Butte Gate
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 - 58.7 Sharp right bend in the road at base of mountains.
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Trap Record

Date	Trapper(s)	Traps	Field Station	Species
24 October, 1992	Jennifer. K. Frey	63 Traps 25.4	Field Station	5 Peromyscus eremicus?
			Lat 34°21'17.3"N	5 Neotoma albigula
			Lon 106°53'8.0"W	2 Dipodomys ordii
			Alt 1533 m	1 Dipodomys merriami
				2 Perognathus flavescens
				2 Peromyscus maniculatus
	Suzy. C. Peurach	37 Small Shermans 29.0	Saccatone Grassland	3 Peromyscus leucopus
			Los Alamos Canyon	2 Reithrodontomys megalotis
			Lat 34°18'16.9"N	3 Sigmodon hispidus?
			Lon 106°46'48.0"W	1 Neotoma albigula
			Alt 1537 m	
	L. Marcelo. Zalles	80 Traps 16.3	Saccatone Grassland	10 Peromyscus leucopus
			Los Alamos Canyon	1 Reithrodontomys megalotis
			Tamarisk	1 Dipodomys ordii
			Lat 34°18'16.9"N	1 Neotoma albigula
			Lon 106°46'48.0"W	
			Alt 1537 m	
	Terry L. Yates, E. Rudin, Angela Day	9 Tomahawks 22.7	Saccatone Grassland,	2 Neotoma albigula
			Los Alamos Canyon	
			Lat 34°18'16.9"N	
			Lon 106°46'48.0"W	
			Alt 1537 m	
	Jorge. Salazar & Scott. L. Gardner	99 Shermans 14.4	Saccatone Grassland,	4 Dipodomys merriami
			Los Alamos Canyon	2 Neotoma albigula
			Lat 34°18'16.9"N	2 Onychomys leucogaster
			Lon 106°46'48.0"W	6 Peromyscus maniculatus(?)
			Alt 1537 m	
	Jennifer. Miyashiro, et. al	144 Traps 3.5	Sepultura Canyon	2 Perognathus flavus
			Web #1	2 Dipodomys merriami
			Lat 34°18'17"N	1 Chaetodipus intermedius
			Lon 106°36'30"W	
			Alt 1825 m	
	Jennifer Miyashiro, et. al,	144 Traps 4.2	Sepultura Canyon	1 Onychomys leucopus
			Web #2	1 Dipodomys ordii
			Lat 34°18'17"N	2 Chaetodipus intermedius
			Lon 106°36'30"W	1 Neotoma albigula
			Alt 1825 m	1 Dipodomys merriami
				1 Peromyscus truei
	Jennifer. Miyashiro, et. al.	144 Traps 8.3	Sepultura Canyon	2 Perognathus flavus
			Web #3	2 Peromyscus leucopus
			Lat 34°18'17"N	5 Dipodomys ordii
			Lon 106°36'30"W	1 Peromyscus truei
			Alt 1825 m	1 Neotoma albigula
				1 Dipodomys spectabilis

We went back at 8 pm. and we were waiting for the other crew. They arrived at 10³⁰ pm.

October 24 1992 Sandstone Grassland.

New Mexico: Bernalillo Co; Los Alamos Canyon

Lat. 34°18'16.9"N Lon 106°46'48.0"W alt 1537 m.

I caught 10 Peromyscus leucopus, 1 Reithrodontomys megalotis, 1 Dipodomys ordii and 1 Neotoma albigula. In el grupo the average from 279 Sherman traps was 19% of capture and Dr Yate set 9 Tomahawks and he caught 2 Neotomas (22.2%).

The other group of Sepultura set 3 webs and caught 24 animals (432 shermans) (5.55% capture)

October 25 1992 Yesterday our group went to the Sepultura Canyon where the 3 webs were set before. We renew the bite and set the sherman traps again. During the night was very cold and rain about 4 hours continuously so we think we won't catch many animals. but from the 3 webs (432 Shermans) we caught 27 animals (6.25%)

I was working pulling tissues all the time and I start karyotyping too. I did not prepare any animal this time.

When we came back from the field we arrange everything and we came bak to Albuquerque

25 October, 1992

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Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #1 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	2 Chaetodipus intermedius 1 Neotoma albigula 2 Dipodomys merriami 2 Perognathus flavus 1 Onychomys arenicola 1 Dipodomys ordii
Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #2 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	1 Neotoma albigula 2 Perognathus flavus 1 Peromyscus truei 1 Onychomys arenicola 1 Dipodomys ordii
Jennifer Miyashiro, et. al.	144 Traps	Sepultura Canyon Web #3 Lat 34°18'17"N Lon 106°36'30"W Alt 1825 m	4 Perognathus flavus 2 Peromyscus leucopus 4 Dipodomys ordii 1 Dipodomys spectabilis 1 Peromyscus truei
Phillip J. Glass & Brendon Wolff	39 regular Shermans 6 long Shermans	Saccatone Grassland Border Lat 34°18'10" N Lon 106°46'24.6"W Alt 1568 m (5 satellites)	2 Onychomys leucogaster 3 Dipodomys ordii 1 Neotoma albigula 3 Dipodomys spectabilis
Pat Zwartjes & Guy Herbert	70 Traps	Rocky Habitat Lat 34°17'34.6"N Lon 106°43'4.9"W Alt 1580 m (5 satellites)	6 Chaetodipus intermedius 1 Peromyscus maniculatus 1 Peromyscus truei 1 Neotoma sp. 1 Dipodomys merriami 2 Peromyscus eremicus
Monique Mosher	37 Traps	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	1 Sigmodon hispidus 4 Peromyscus leucopus 2 Reithrodontomys sp. 1 Dipodomys merriami
Kris Vandenbosch	35 Traps	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	0 animals
Terry L. Yates	9 Tomahawks	Saccatone Grassland Los Alamos Canyon Lat 34°18'16.9"N Lon 106°46'48.0"W Alt 1537 m	2 Neotoma albigula 1 Dipodomys merriami & 1 Peromyscus leucopus same trap
	24 Shermans		2 Sigmodon hispidus 1 Neotoma albigula
	4 Sets of Gopher Traps		0 animals
Jennifer K. Frey	45 Traps	Field Station Lat 34°21'17.3"N Lon 106°53'8.0"W Alt 1533 m	4 Peromyscus leucopus 1 Peromyscus truei 1 Dipodomys merriami 1 Neotoma albigula 1 Perognathus flavescens 1 Reithrodontomys megalotis