

PROJECT: El malpais / BLM survey
 Inclusive Dates: 9-11 June 2017
 Participants: (Printed Name - Signature - 3 letter Initials):

Jon L. Dunnun
Schuyler ~~to~~ Liphardt
Donavan Jackson
Marcel Campbell
Dianne Peterson
Dave Garnand
Dianna Krejsa

LOCALITIES:

Locality: (^{mouth of} Cebolla Canyon)
 Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures 163 / 10 trap success ~~100%~~ 6%

Locality: (Joe Skeen Campground)
 Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures 243 / 22 trap success ~~100%~~ 9%

Locality: 12.5 mi. S of Joe Skeen Campground (Hwy 117 mile marker 34)
 Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures 604 / 26 trap success 4.3%

Locality: Ye 009
 Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures / trap success _____ %
 Inclusive Dates: _____

Locality: Ye 008
 Lat: _____ Long: _____ Elev: _____

Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures / trap success _____ %

Trapline Datasheet

Locality: Mouth of Cabella Canyon
 Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m
 Date set: 9 June 2017 Project/Collectors: Rio Puerco Blm mammal survey
2nd night only

Trapline #. DP/DG Shermans: 40 Tomahawks: 3 Rat: _____ Mus Spec: 40 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	<u>2.5 m</u>	_____
Understory:	0 1 2 3 4 5 6 7 8 9	<u>2.4 m - 5 m</u>	_____
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: prairie dog area, canyon bottom

	Date: <u>10 June 2017</u>	Date: <u>11 June 2017</u>	Date: _____
	Temp (°C): _____	Temp (°C): _____	Temp (°C): _____
	Precip (mm): _____	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>YE003 N. alb</u> <u>YE004 P. man</u> <u>YE005 O. leu</u> <u>YE006 P. man</u> <u>YE007 P. man</u>	<u>YE011 R. meq</u> <u>YE012 R. meq</u> <u>YE 013 016 R. meq</u> <u>YE010 omysch linc</u> <u>YE014 R. ^{P. manic} meq</u> '	_____ _____ _____ _____ _____
Embryos:	Embryos: _____	Embryos: _____	Embryos: _____

Total Captures: 5 Total Captures: 5 Total Captures: _____

Trapline Datasheet

Locality: NM: Joe Steen Campground
 Lat: _____ Long: _____ Elev: _____ m GPS Name Purple Datum: WG84 Max error: ± 3 m
 Date set: 9 June 2017 Project/Collectors: Marcel L. Campbell, Dianne Petersen

+ 5 second night

Trapline #: MLC-DP Shermans: 80 Tomahawks: _____ Rat: 19 Mus Spec: 19 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>3m</u>	<u>Pinon, juniper,</u>
Understory:	0 <u>1</u> 2 3 4 5 6 7 8 9	_____	<u>Quercus gambelii, sand sage,</u>
Herbaceous:	0 <u>1</u> 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 <u>5</u> 6 7 8 9	_____	<u>sandstone cliffs, arroyo bottom</u>
Litter layer:	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	Slope <u>0-30%</u>

Notes: Traps set up rocky, west facing slope at east side of campground to ridge, along ridgeline in pinon juniper, + ~~also~~ also last 20 traps at bottom of arroyo in sage/juniper along dirt road to SE of campground (see MLC field notes)

Date: <u>9-10 June 2017</u>	Date: <u>10-11 June</u>	Date: <u>10-11 June</u>
Temp (°C): <u>50°C (night)</u>	Temp (°C): <u>50°C (night)</u>	Temp (°C): <u>50°C</u>
Precip (mm): <u>0</u>	Precip (mm): <u>0</u>	Precip (mm): <u>0</u>
Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
1) P. truei 1) <u>Pu-001 P. truei?</u> rocks, PJ, hill, eaten by ants 2) <u>Pu-002 P. truei</u> 3) <u>Pu-003 Neotoma</u> 4) <u>P. cf. truei snap</u> 5) <u>P. cf. truei Sherman</u> 6) <u>Pu-005 Neotoma</u> 7) <u>Pu-006 P. truei</u> top of hill in PJ 8) <u>Pu-007 P. truei</u> 9) <u>Pu-008 canyon towhee snap</u> 10) <u>Pu-009 P. cf. nasutus?</u> 11) <u>Pu-010 Peromyscus</u> reddish eaten by ants Embryos: 12) <u>Pu-010 Peromyscus</u> Sherman reddish 13) <u>Pu-011 Peromyscus</u> bib tail	1) Neotoma albigula 1) <u>P. truei juv.</u> rocky slope <u>Pu-016</u> 2) <u>P. truei adult</u> rocky slope <u>Pu-017</u> 3) <u>Peromyscus sp.</u> cf truei <u>Pu-018</u> rocks eaten by ants (same as Pu-001) station 4) P. truei <u>P. truei</u> <u>Pu-019</u> top of ridge, rocks 5) <u>Neotoma mexicana</u> <u>Pu-020</u> ridge top, rock ledge Embryos: 6) <u>P. cf. nasutus</u> <u>Pu-021</u> juniper, rocks	Neotoma albigula <u>Pu-015</u> (in added 5 traps at base of slope by camp) Embryos:

Total Captures: 14 + 1

Total Captures: 6

Total Captures: 1

14) Neotoma Pu-012
 arroyo bottom
 15) Onychomys Pu-013
 ..
 16) Perom

out of 83 traps

Trapline Datasheet

Locality: 12.5 mi S of Joe Green Campground - Hwy 117 mile marker 34.

Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m

Date set: 9 June 2017 Project/Collectors: Jon Dunnun Diana Kressa, Schuyler Liphardt, Soniya Rio Puerco - BL ~~Small~~ mammal survey (Dunnun)

Trapline #: JLD SKD SWL DMK Shermans: 150 Tomahawks: 0 Rat: 30 Mus Spec: 122 Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory:	0 1 2 3 4 5 6 7 8 9	.4 m	_____
Herbaceous:	0 1 2 3 4 5 6 7 8 9	.1-.2 m	gramma
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope <u>0</u> %

Notes: 4 parallel lines in prairie dog area - El Malpais conservation area
orange, white, red GPS units

	Date: <u>10 June 2017</u>	Date: <u>11 June 2017</u>	Date:
	Temp (°C): <u> </u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>0</u>	Precip (mm): <u>0</u>	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	06 001 Onych leuc	06 010 Perog. flavus	
	06 002 R. mega	06 011 P. manic	
	06 003 R. mega	06 012 P. manic	
	06 004 R. mega	WH 005 P. manic	
	06 005 Onych leuc	WH 006 R. meg	
	06 006 P. trui	WH 004 P. manic	
	06 007 P. manic	RD 004 P. manic	
	06 008 P. manic	RD 005 R. meg	
	06 009 R. mega	RD 006 R. meg	
	RD 002 Onych leuc	RD 007 R. meg	
	RD 003 R. mega	RD 008 R. meg	
	Wh 001 R. mega	RD 009 R. meg	
	Wh 002 Perog. flavus		
	Wh 003 P. manic		
	Embryos:	Embryos:	Embryos:

Total Captures: 14

Total Captures: 12

Total Captures: _____

Trapline Datasheet

Locality: Joe Screen Campground

Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m

Date set: 9 June 2017 Project/Collectors: BLM small mammal survey
Schuyler Lophardt

Trapline #. SWL Shermans: _____ Tomahawks: _____ Rat: 2 Mus Spec: _____ Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 <u>2</u> 3 4 5 6 7 8 9	<u>2.5 m</u>	<u>Juniper, cholla</u>
Understory:	0 1 <u>2</u> 3 4 5 6 7 8 9	<u>.5 m</u>	_____
Herbaceous:	0 1 2 3 4 5 <u>6</u> 7 8 9	_____	<u>grass</u>
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____ %

Notes: rat traps set in camp to catch wandering pack rat

	Date: <u>10 June 2017</u>	Date:	Date:
	Temp (°C):	Temp (°C):	Temp (°C):
	Precip (mm):	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>RD 001 N. albigula</u>		
Embryos:			

Total Captures: 1

Total Captures: _____

Total Captures: _____

Trapline Datasheet

Locality: NY
 Lat: _____ Long: _____ Elev: _____ m GPS Name _____ Datum: WG84 Max error: _____ m
 Date set: June 10, 2017 Project/Collectors: _____

Trapline #. _____ Shermans: _____ Tomahawks: _____ Rat: _____ Mus Spec: _____ Macabies: _____ Pitfalls: _____

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory:	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous:	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter layer:	0 1 2 3 4 5 6 7 8 9	_____	Slope _____%

Notes: _____

Captures:	Date:	Date:	Date:
	Temp (°C):	Temp (°C):	Temp (°C):
	Precip (mm):	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	YE 009 T. dor *road kill YE 008 C. gun .22 shot		
	Embryos:	Embryos:	Embryos:

Total Captures: 2 Total Captures: _____ Total Captures: _____