

2014.019

PROJECT: Mammals of Gila LadderInclusive dates: 17 March - 22 March 2014

Participants: (Printed Name - Signature - 3 letter Initials):

Michael J Smith MJ Smith MSJMarie L. Westover M Westover MLWLindsey M. Frederick L M Frederick LMFAmanda Jones Amanda Jones AJEllie Johnson Ellie Johnson EJS**LOCALITIES:**Locality: Ladder Ranch 1.07 km NE Lookout tankLat/long/elev or waypoints: N 33° 15.325' W 107° 28.417' 5345 ftInclusive dates: 17 March - 18 2014

NK number series:

traps/captures: 79 / 19 Trap success 24 %Locality: Ladder Ranch 1.07 km NE Lookout TankLat/long/elev or waypoints: 33.25488°N 107.47436°W - cu trap 1Inclusive dates: 17 March - 18 March 2014

NK number series:

traps/captures: 80 / 15 Trap success 18.75 %Locality: Ladder Ranch 1.07 km NE Lookout TankLat/long/elev or waypoints: 33.25488°N 107.47436°W - cu 2 trap 1Inclusive dates: 18 March - 19 March 2014

NK number series:

traps/captures: 80 / 4 Trap success 5 %Locality: Ladder Ranch 1.07 km NE Lookout tankLat/long/elev or waypoints: N 33.25595° W 107.47530Inclusive dates: 18 March - 18 March 2014

NK number series:

traps/captures: 70 / 5 Trap success 7 %Locality: Ladder Ranch 1.07 km NE Lookout tankLat/long/elev or waypoints: 33.25595°N 107.47530 WInclusive dates: 18 March - 19 March

NK number series:

traps/captures: 70 / 8 Trap success 11 %Locality: Ladder Ranch 1.07 km NE Lookout tankLat/long/elev or waypoints: N 33° 15.325' W 107° 28.417' 5345 ftInclusive dates: 18 March - 19 March 2014

NK number series:

traps/captures: 79 / 18 Trap success 23 %

TRAPLINE DATA SHEET

Locality: Ladder Ranch 1.071km NE Lookout Tank Biome: riparian
 Lat: 33.25488°N Long: 107.47436°W Elev: _____
 Date: 18 March - 19 March 2014 Project/Collectors: AK Jones et al.
 Notes (Moon; weather; temp.): full moon - windy - temps 30°F - 70°F

Trapline No. CU-18 March

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 ① 2 3 4 5 6 7 8 9	_____	<u>cotton wood</u>
Understory:	0 1 ② 3 4 5 6 7 8 9	_____	<u>willow, salt cedar</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:	<u>0</u> %	_____	_____

Captures:

Trap #:	NK Number	Species	Ecological Data
	230799	<i>Peromyscus maniculatus</i>	
	230798	" "	
	230792	" "	
	230797	" "	
	230790	" "	
	230804	<i>P. boylii</i>	
	230798	<i>Chaetodipus intermedius</i>	
	230794	" "	
	230796	" "	
	230795	" "	
	230807	" "	
	230774	<i>Neotoma albigula</i>	
	230780	" "	

- trap line ran along dry stream bed down river from lat/long above

Trapline No. CU 2-19 March

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 ① 2 3 4 5 6 7 8 9	_____	<u>cotton wood</u>
Understory:	0 1 ② 3 4 5 6 7 8 9	_____	<u>willow, salt cedar</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 depth:	0 ① 2 3 4 5 6 7 8 9	_____	_____
Slope:	_____ %	_____	_____

Captures:

Trap #:	NK Number	Species	Ecological Data
40	230851	<i>P. maniculatus</i>	
19	230852	<i>C. intermedius</i>	
3	230817	<i>N. albigula</i>	

- trap line ran along dry stream bed down river from lat/long above at base of hill/cliffs on south side of valley - original stream bed but stream re-routed into ditch on north side of valley

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

TRAPLINE DATA SHEET

Locality: Ladder Ranch 1.07 km NE of Katikati Biome: Riparian/desert
 Lat: 33.75595°N Long: 107.47530 Elev: 1560M
 Date: 17-18 March 2014 Project/Collectors: Aksoones et al
 Notes (Moon; weather; temp.): full moon, strong winds, 30°F - 65°F

Trapline No. 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	<u>Cottonwood</u>
Understory:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	<u>mesquite, willow</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	_____	_____
Litter layer:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Slope:	<u>0</u> %	_____	_____

Captures:

Trap #:	NK Number	Species	Ecological Data
<u>CAVIA 001</u>	<u>230803</u>	<u>Chaetodipus intermedius</u>	
<u>002</u>	<u>230770</u>	<u>Peromyscus maniculatus</u>	
<u>003</u>	<u>230776</u>	<u>P. boylii</u>	
<u>004</u>	<u>230805</u>	<u>P. boylii</u>	
<u>005</u>	<u>230771</u>	<u>P. maniculatus</u>	

trapline along riverbed edge, through riparian willow and desert mesquite habitat.

Trapline No. 2, 18-19 March

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	<u>Cottonwood</u>
Understory:	0 1 2 <u>3</u> 4 5 6 7 8 9	_____	<u>mesquite, willow</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	_____	_____
Litter layer depth:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Slope:	<u>0</u> %	_____	_____

Captures:

Trap #:	NK Number	Species	Ecological Data
<u>CAVIA 006</u>	<u>230824</u>	<u>Peromyscus boylii</u>	
<u>007</u>	<u>250830</u>	<u>Dipodomys merriami</u>	
<u>008</u>	<u>230837</u>	<u>Chaetodipus intermedius</u>	
<u>009</u>	<u>230826</u>	<u>Chaetodipus intermedius</u>	
<u>010</u>	<u>230827</u>	X	
<u>011</u>	<u>230842</u>	X	
<u>012</u>	<u>230841</u>	<u>Chaetodipus intermedius</u>	
<u>013</u>	<u>230854</u>	<u>Peromyscus boylii</u>	

TRAPLINE DATA SHEET

Locality: Ladder Ranch 1.07 km NE Lockhart tank Biome: desert/hillside
 Lat: 33° 15.325' Long: 107° 28.417' Elev: 5343 ft
 Date: 17 March - 18 March 2014 Project/Collectors: A.K. Jones et al. (Lindsey M. Frederick, Elita J. Johnson)
 Notes (Moon; weather; temp.):

		Trapline No. <u>2</u>	
Overstory:	① 1 2 3 4 5 6 7 8 9	Height/units	Dominant Plant Species
Understory:	0 1 2 3 4 ⑤ 6 7 8 9		<u>no trees</u>
Herbaceous:	① 1 2 3 4 5 6 7 8 9		<u>prickly pear, ocotillo, mesquite, yucca, grass</u>
Bare soil/rock:	0 1 2 3 4 ⑤ 6 7 8 9		<u>tuna & 1 yellow flower on side of hill</u>
Litter layer:	① 1 2 3 4 5 6 7 8 9		
Slope:	<u>20</u> %		
Captures:			
Trap #:	NK Number	Species	Ecological Data

		Trapline No. <u>2</u>	<u>18-19 March 2014</u>
Overstory:	① 1 2 3 4 5 6 7 8 9	Height/units	Dominant Plant Species
Understory:	0 1 2 3 4 ⑤ 6 7 8 9		<u>no trees</u>
Herbaceous:	① 1 2 3 4 5 6 7 8 9		<u>prickly pear, ocotillo, mesquite, yucca, grass</u>
Bare soil/rock:	0 1 2 3 4 ⑤ 6 7 8 9		
Litter layer depth:	① 1 2 3 4 5 6 7 8 9		
Slope:	<u>20</u> %		
Captures:			
Trap #:	NK Number	Species	Ecological Data

Cover Classes
 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

TRAPLINE DATA SHEET

USA: new
 Locality: Mexico: Sierra Co., Ladder Ranch, 1.07 km NE of Biome: Desert scrub
 Lat: _____ Long: _____ Elev: _____ Lookout Tank
 Date: 18 March 2014 Project/Collectors: AKJ et. al.
 Notes (Moon; weather; temp.): very windy

Trapline No. 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>20 ft</u>	<u>Cottonwood, coccillo, creosote,</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	<u>10 ft</u>	<u>prickly pear, cholla</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	-	-
Bare soil/rock:	0 1 2 3 4 5 6 <u>7</u> 8 9	-	<u>partially riparian</u>
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	-	-
Slope:	<u>50</u> % for <u>1/3</u> trapline		

Captures:

Trap #:	NK Number	Species	Ecological Data
230766	230766	<i>N. albigula</i>	
	230767	<i>Chaetodipus intermedius</i>	riparian area
	230768	<i>C. intermedius</i>	
	230772	<i>C. intermedius</i>	
	230773	<i>P. boylii</i>	
	230800	<i>N. albigula</i>	
	230801	<i>C. intermedius</i>	
	230802	<i>N. albigula</i>	
	230806	<i>C. intermedius</i>	
	230808	<i>N. albigula</i>	
	230810	<i>P. maniculatus</i>	

~~18~~ 19 March 2014

Trapline No. 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>20 ft</u>	<u>Cottonwood, coccillo, creosote,</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	<u>10 ft</u>	<u>prickly pear, cholla</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	-	-
Bare soil/rock:	0 1 2 3 4 5 6 <u>7</u> 8 9	-	-
Litter layer depth:	0 1 2 3 <u>4</u> 5 6 7 8 9	-	-
Slope:	<u>50</u> % for <u>1/3</u> of trapline		

Captures:

Trap #:	NK Number	Species	Ecological Data
	230831	<i>N. albigula</i>	
	230832	<i>C. intermedius</i>	
	230833	<i>C. intermedius</i>	
	230835	<i>C. intermedius</i>	
	230836	<i>C. intermedius</i>	
	230838	<i>N. albigula</i>	
	230839	<i>P. maniculatus</i>	
	230840	<i>P. maniculatus</i>	
	230843	<i>C. intermedius</i>	
	230846	<i>D. merriami</i>	

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

TRAPLINE DATA SHEET

USA: new
 Locality: Mexico; Sierra Co., Ladder Ranch, 1.07 km NE of Biome: Desert scrub
 Lat: _____ Long: _____ Elev: _____ Lookout Tank
 Date: 20 March 2014 Project/Collectors: AKJ et al.
 Notes (Moon; weather; temp.): _____

Trapline No. 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>20 ft</u>	<u>Cottonwood, acotillo, creosote,</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	<u>10 ft</u>	<u>prickly pear, cholla</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 <u>7</u> 8 9	_____	_____
Litter layer:	0 1 2 3 <u>4</u> 5 6 7 8 9	<u>1-2 inches</u>	<u>partially riparian</u>
Slope:	<u>50 % for 1/3 of trapline</u>		

Captures:

Trap #:	NK Number	Species	Ecological Data
	<u>230860</u>	<u>n. albigula</u>	
	<u>230863</u>	<u>C. intermedius</u>	
	<u>230865</u>	<u>D. merriami</u>	
	<u>230868</u>	<u>n. albigula</u>	
	<u>230871</u>	<u>C. intermedius</u>	

Trapline No. 2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	<u>creosote, acotillo, prickly pear,</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	<u>10 ft</u>	<u>cholla</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Bare soil/rock:	0 1 2 3 4 5 6 <u>7</u> 8 9	_____	_____
Litter layer depth:	0 1 2 3 <u>4</u> 5 6 7 8 9	<u>1-2 inches</u>	_____
Slope:	<u>60 % for 1/4 trapline</u>		

Captures:

Trap #:	NK Number	Species	Ecological Data
	<u>230861</u>	<u>n. albigula</u>	
	<u>230862</u>	<u>D. merriami</u>	
	230863	C. intermedius	
	<u>230864</u>	<u>P. boylii</u>	
	<u>230866</u>	<u>P. eremicus</u>	
	<u>230867</u>	<u>C. intermedius</u>	
	<u>230869</u>	<u>n. albigula</u>	
	<u>230870</u>	<u>P. boylii</u>	

Cover Classes
 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

TRAPLINE DATA SHEET

USA: new Mexico;
 Locality: Sierra Co., Ladder Ranch, 1.07 km NE of Biome: Desert Scrub
 Lat: _____ Long: _____ Elev: _____ Lookout Tank
 Date: 21 March 2014 Project/Collectors: AKJ et. al.
 Notes (Moon; weather; temp.): _____

Trapline No. 1

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 1 2 3 4 5 6 7 8 9	<u>20 ft</u>	<u>Cottonwood, creosote, ocotillo,</u>
Understory:	0 1 2 3 4 5 6 7 8 9	<u>10 ft</u>	<u>prickly pear, cholla</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	<u>—</u>	<u>—</u>
Bare soil/rock:	0 1 2 3 4 5 6 7 8 9	<u>—</u>	<u>—</u>
Litter layer:	0 1 2 3 4 5 6 7 8 9	<u>1-2 inches</u>	<u>partially riparian</u>
Slope:	<u>50 % for 1/3 of trapline</u>		

Captures:

Trap #:	NK Number	Species	Ecological Data
	<u>230877</u>	<u>n. albigula</u>	
	<u>230880</u>	<u>n. albigula</u>	
	<u>230881</u>	<u>P. eremicus</u>	
	<u>230882</u>	<u>C. intermedius</u>	
	<u>230883</u>	<u>P. maniculatus</u>	

Trapline No. 2

	Cover Class	Height/units	Dominant Plant Species
Overstory:	<u>0</u> 1 2 3 4 5 6 7 8 9	<u>—</u>	<u>creosote, ocotillo, prickly pear,</u>
Understory:	0 1 2 3 4 <u>5</u> 6 7 8 9	<u>10 ft</u>	<u>cholla</u>
Herbaceous:	0 1 <u>2</u> 3 4 5 6 7 8 9	<u>—</u>	<u>—</u>
Bare soil/rock:	0 1 2 3 4 5 6 <u>7</u> 8 9	<u>—</u>	<u>—</u>
Litter layer depth:	0 1 2 3 <u>4</u> 5 6 7 8 9	<u>1-2 inches</u>	<u>—</u>
Slope:	<u>60 % for 1/4 of trapline</u>		

Captures:

Trap #:	NK Number	Species	Ecological Data
	<u>230872</u>	<u>n. albigula</u>	
	<u>230873</u>	<u>n. albigula</u>	
	<u>230874</u>	<u>D. merriami</u>	
	<u>230875</u>	<u>C. intermedius</u>	
	<u>230876</u>	<u>P. eremicus</u>	
	<u>230878</u>	<u>n. albigula</u>	
	<u>230879</u>	<u>n. albigula</u>	

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

BAT NET DATA SHEET

Locality: _____ **Lat:** _____ **Long:** _____ **Elev:** _____
Date: 18 March 2014 **Collectors:** AKJ et al.
of Nets: 2 x **Length:** _____ m x **open @** 7:45 pm **closed:** 11:00 pm = 3.15 hr/night
Moon Phase: full **Rain:** _____ hrs **Wind:** _____ hrs **Temp:** _____
Notes: _____

Net #: _____
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running pond (size _____ x _____)
Distance from water: _____
Roosting site: none known
Map it!

Captures:				
Species	Sex	Time	Bag #	NK #

Net #: 2
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running pond (size _____ x _____)
Distance from water: _____
Roosting site: none known
Map it!

Captures:				
Species	Sex	Time	Bag #	NK #

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

BAT NET DATA SHEET

Locality: _____ **Lat:** _____ **Long:** _____ **Elev** _____
Date: 20 March 2014 **Collectors:** AKJ et. al.
of Nets: 2 x **Length:** _____ m x open @ 7:30pm closed: 10:30pm = _____ m/night
Moon Phase: full **Rain:** _____ hrs **Wind:** _____ hrs **Temp:** _____
Notes: _____

Net #: 1
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running; pond (size _____ x _____)
Distance from water: _____
Roosting site: none known
Map it!

Captures:

Species	Sex	Time	Bag #	NK #

Net #: 2
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running pond (size _____ x _____)
Distance from water: _____
Roosting site: none known
Map it!

Captures:

Species	Sex	Time	Bag #	NK #

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

BAT NET DATA SHEET

Locality: _____ **Lat:** _____ **Long:** _____ **Elev** _____
Date: 21 March 2014 **Collectors:** AKJ et. al.
of Nets: 2 x **Length:** _____ m x **open @** 7:30 **closed:** 11:00 = _____ m/night
Moon Phase: full **Rain:** _____ hrs **Wind:** _____ hrs **Temp:** _____
Notes: _____

Net #: 1
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running pond (size _____ x _____)
Distance from water: _____
Roosting site: _____
Map it!

Captures:				
Species	Sex	Time	Bag #	NK #
<u>Parastrellus hesperus</u>	F	9:30	-	230884

Net #: 2
Habitat: Riparian
Canopy: 0 1 2 3 4 5 6 7 8 9
Understory: 0 1 2 3 4 5 6 7 8 9
Water: running pond (size _____ x _____)
Distance from water: _____
Roosting site: _____
Map it!

Captures:				
Species	Sex	Time	Bag #	NK #

Cover Classes

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-100%

