

PROJECT: Shrew Microbrome / Hantavirus
 Inclusive Dates: 5-7 May 2017
 Participants: (Printed Name - Signature - 3 letter Initials):

LOCALITIES:

Locality: USA/NEW MEXICO, SAN MIGUEL CO., COWLES
 Lat: _____ Long: _____ Elev: _____
 Inclusive Dates: 5-6 May 2017
 NK Number Series: 290398, 401, 4102, 411, 413
 # traps/captures 108 / 6 trap success 5.5 %

Locality: USA/NEW MEXICO, SAN MIGUEL CO., COWLES, WINDSOR CREEK TRAIL
 Lat: _____ Long: _____ Elev: _____
 Inclusive Dates: 5-6 May 2017
 NK Number Series: 290399, 4100, 408, 409, 410, 412, 413, 415, 403-407
 # traps/captures 192 / 13 trap success 6.7 %

Locality: _____
 Lat: _____ Long: _____ Elev: _____
 Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures _____ / _____ trap success _____ %

Locality: _____
 Lat: _____ Long: _____ Elev: _____
 Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures _____ / _____ trap success _____ %
 Inclusive Dates: _____

Locality: _____
 Lat: _____ Long: _____ Elev: _____
 Inclusive Dates: _____
 NK Number Series: _____
 # traps/captures _____ / _____ trap success _____ %

Trapline Datasheet

Locality: USA/NEW MEXICO, San Miguel Co., Cowles, Windsor creek trail
 Lat: _____ Long: _____ Elev: _____ m GPS Name RD Datum: WG84 Max error: _____ m
 Date set: May 5 2017 Project/Collectors: DJP, KLM, SWL

Trapline #. <u>72</u>	Shermans: <u>24</u>	Tomahawks: <u> </u>	Rat: <u> </u>
Mus Spec: <u>24</u>	Macabies: <u> </u>	Pitfalls: <u>24</u>	

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

Notes: _____

	Date:	Date:
	<u>6 May 2017</u>	
	Temp (°C): <u>4°c</u>	Temp (°C):
	Precip (mm): <u>0</u>	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>RD003/Sorex monticolus/290399</u> <u>RD001/Sorex monticolus/290400</u> <u>RD005/P. manic/290408</u> <u>RD006/P. manic/290409</u> <u>RD008/P. manic/290410</u> <u>RD002/P. manic/290412</u> <u>RD004/P. manic/290413</u> <u>RD007/P. manic/290415</u>	
	Embryos:	Embryos:

Total Captures: 8 Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: USA/NEW Mexico, San Miguel co., Cowles, Windsor creek trail
 Lat: _____ Long: _____ Elev: _____ m GPS Name WH Datum: WG84 Max error: _____ m
 Date set: 5 May 2017 Project/Collectors: KMD, REJ, IDC, OLW

Trapline #. 120 **Shermans:** 40 **Tomahawks:** **Rat:** **Mus Spec:** 40 **Macabies:** **Pitfalls:** 40

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

Notes: _____

	Date: <u>6 May 2017</u>	Date: _____	Date: _____
	Temp (°C): <u>40C</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>0</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>WH002/Sorex monticolus/290403</u>		
	<u>WH003/Sorex monticolus/290404</u>		
	<u>WH004/Sorex monticolus/290405</u>		
	<u>WH006/P. maniculatus/290406</u>		
	<u>WH005/P. manic/290407</u>		
	Embryos: _____	Embryos: _____	Embryos: _____

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

Trapline Datasheet

Locality: USA/new mexico, San miguel CO., cowles
 Lat: _____ Long: _____ Elev: _____ m GPS Name YE Datum: WG84 Max error: _____ m
 Date set: 5 May 2017 Project/Collectors: DP, CACV, DC, JAC

Trapline #. 108 Shermans: 40 Tomahawks: _____ Rat: 10 Mus Spec: 40 Macabies: _____ Pitfalls: 18

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

Notes: _____

Captures:	Date: <u>6 May 2017</u>	Date:	Date:
	Temp (°C): <u>4°C</u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>0</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>YE003/Sorex monticolus/290398</u> <u>YE002/Sorex monticolus/290401</u> <u>YE005/Sorex monticolus/290402</u> <u>YE004/Microtus longicaudus/290411</u> <u>YE001/P. manic/290414</u>		
Embryos:	Embryos:	Embryos:	

Total Captures: 6 Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: USA/new mexico, Rio Arriba Co., San Gregorio loop, ~~the~~ Nacimiento creek
 Lat: _____ Long: _____ Elev: _____ m GPS Name RD Datum: WG84 Max error: _____ m
 Date set: 6 May 2017 Project/Collectors: KMD, SUL

Trapline #. KMD, SUL Shermans: _____ Tomahawks: _____ Rat: _____ Mus Spec: 30 Macabies: _____ Pitfalls: 15

	Cover Class	Height/units	Dominant Plant Species
Overstory:	0 0 2 3 4 5 6 7 8 9	<u>~10 m</u>	<u>Mixed conifer/aspens</u>
Understory:	0 0 2 3 4 5 6 7 8 9	<u>~1.5 m</u>	<u>Something spiky</u>
Herbaceous:	0 1 2 3 4 5 6 7 8 9	<u>0.1 m</u>	<u>Grasses</u>
Bare soil/rock:	0 0 2 3 4 5 6 7 8 9	—	—
Litter layer:	0 0 2 3 4 5 6 7 8 9	—	Slope <u>0</u> %

Notes: Set near flooded meadow/grassland. Flooded from snow melt/overflow of Nacimiento creek, all traps set near down logs on border of forest.

Captures:	Date: <u>7 May 2017</u>	Date:	Date:
	Temp (°C): <u>~35°</u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>10-15</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>RD010/S. naticolus/290417</u> <u>RD011/M. montanus/290421</u> <u>RD009/P. manic/290433</u> <u>RD013/P. manic/290434</u> <u>RD012/P. manic/290438</u>		
Embryos:	Embryos:	Embryos:	

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

Trapline Datasheet

San Gregorio

Locality: USA/NEW MEXICO, Rio Arriba CO., Clear Creek near trail #50
 Lat: _____ Long: _____ Elev: _____ m GPS Name BU Datum: WG84 Max error: _____ m
 Date set: 6 May 2017 Project/Collectors: KLM, EKB

Trapline #: KLM, EKB Shermans: _____ Tomahawks: _____ Rat: _____ Mus Spec: 30 Macabies: _____ Pitfalls: 30

	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: <u>7 May 2017</u>	Date:	Date:
	Temp (°C): <u>~35°</u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>0-15</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>BU 005/S. monticolus/290416</u> <u>BU 002/M. longicaudus/290418</u> <u>BU 001/Myodes gapperi/290420</u> <u>BU 008/T. minimus/290426</u> <u>BU 003/P. manic/290430</u> <u>BU 004/P. manic/290432</u>		
Embryos:	Embryos:	Embryos:	

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

Trapline Datasheet

Locality: VSA/new Mexico, Rio Arriba Co., San Gregorio loop, Forest Road 70, 0.5 km N of Hwy 126

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

Date set: CACB/DC Project/Collectors: CACB/DC
6 May 2017

Trapline #. CACB/DC Shermans: 40 Tomahawks: ___ Rat: ___ Mus Spec: 40 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: <u>7 May 2017</u>	Date:	Date:
	Temp (°C): <u>~35°</u>	Temp (°C):	Temp (°C):
	Precip (mm): <u>10-15</u>	Precip (mm):	Precip (mm):
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>WH1008/T. minimus/290419</u> <u>WH1010/P. manic/290436</u> <u>WH1007/P. manic/</u> <u>WH1009/P. manic/290444</u>		
Embryos:	Embryos:	Embryos:	

Total Captures: 4 Total Captures: _____ Total Captures: _____

Trapline Datasheet

Locality: USA/NEW MEXICO, Rio Arriba Co., San Gregorio Loop, Forest Road 70, 0.5 km N of HWY 120

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

Date set: 6 May 2017 Project/Collectors: IDC, DSP, OLW

Trapline #. IDC, DSP, OLW Shermans: 40 Tomahawks: Rat: 10 Mus Spec: 40 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: _____

	Date: <u>7 May 2017</u>	Date: _____	Date: _____
	Temp (°C): <u>~35°</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>10-15</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
Captures:	<u>YE 006 / P. manic / 290442</u>		
	<u>YE 007 / M. longicaudus / 290424</u>		
	<u>YE 008 / M. longicaudus / 290422</u>		
	<u>YE 009 / M. Sp / 290440</u>		
	<u>YE 010 / P. manic / 290429</u>		
	<u>YE 011 / P. manic / 290439</u>		
	<u>YE 012 / P. manic / 290437</u>		
	<u>YE 013 / P. manic / 290441</u>		
	<u>YE 014 / T. minimus / 290427</u>		
	<u>YE 015 / P. manic / 290431</u>		
	<u>YE 016 / M. longicaudus / 290425</u>		
Embryos:	Embryos:	Embryos:	

Total Captures: 11

Total Captures: _____

Total Captures: _____

Trapline Datasheet

Locality: USA/NEW MEXICO, Rio Arriba Co., San Gregorio Loop, Forest Road 70, 0.5 km N of Hwy 12

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

Date set: 6 May 2017 Project/Collectors: EKB, KMD, KLM

Trapline #. EKB, KMD, KLM Shermans: 40 Tomahawks: Rat: 9 Mus Spec: 30 Macabies: Pitfalls:

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

Notes: _____

Captures:	Date: <u>7 May 2017</u>	Date: _____	Date: _____
	Temp (°C): <u>23.5</u>	Temp (°C): _____	Temp (°C): _____
	Precip (mm): <u>10-15</u>	Precip (mm): _____	Precip (mm): _____
	Trap # / species / NK #	Trap # / species / NK #	Trap # / species / NK #
	<u>Bu 014 / M. longi / 290423</u>		
	<u>Bu 008 / T. minimus / 290426</u>		
	<u>Bu 010 / P. manic / 290435</u>		
	<u>Bu 009 / P. manic / 290445</u>		
	<u>Bu 006 / P. manic / 290446</u>		
	<u>Bu 011 / P. manic / 290447</u>		
	<u>Bu 013 / P. manic / 290448</u>		
	<u>Bu 012 / P. manic / 290449</u>		
	Embryos: _____	Embryos: _____	Embryos: _____

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

105 + one
From trap

Trapline Datasheet

Locality: USA/new mexico, Rio Arriba Co., San Gregorio loop, Forest Road 70, 0.5 km N of HW 12

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

Date set: 6 May 2017 Project/Collectors: MLC
5 May 2017

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: <u>6 May 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 #
	<u>MLC 8 / T. micrinus / 290354</u> <u>MLC 9 / C. latrans / 290355</u> <u>Sa 1 / T. Hudsonicus / 290358</u> <u>MLC 11 / M. marmosus / 290359</u>		
	Embryos:	Embryos:	Embryos:

Total Captures: 2 + 2 salvage Total Captures: _____ Total Captures: _____

Rocky Hillside / Pinon Juniper

40 Shermans
29 Mus. sp.
10 rat traps

Peros
N. mexicana
GR 20-37

Grassland / Shrub (grama, spotty, 4-wing saltbush, rabbitbrush)

40 mus. sp. 2 P. maniculatus
GR 18-19

(Blue) Grassland (Dutchman, spotty shrubs)

40 Shermans
34 mus. sp.
5 rat

7 R. megalotis
3 P. maniculatus

Line by windmill (Red)

40 Shermans
40 mus. sp.
6 rat

2 R. meg
2 P. maniculatus
1 N. albigula