

## Project Summary Sheet – Year 2000

Project Name Arthropod Pitfall Trapping on Catena

Project Number ARS107 ?

Principal Investigator(s) \_\_\_\_\_

Dates of Data Collection 09 June 2000, 05 May 2000, 11 July 2000, 11 Aug 2000, 15 SEPT 2000

Plot Names / Specific Location of study area(s) Catena in section 15SW on  
Central Plains Experimental Range

Full Names of Data Collectors 2000 Field Crew: Nicole Kaplan, Laurel Hartley, Craig  
Godman, Katie Woodmansee, Kathy Maclean, Jennifer Lee, Zach Deegan, Matt Cooper, Patrick Ray

Names of Associated Files and Databases At the field station W: Field Station / Field  
Studies / Arthropod

Summary of Data Collected (How are data sheets organized? How many pages are in each section? etc.)

05 May 2000 - 9 pages

09 June 2000 - 9 pages

11 July 2000 - 9 pages

11 August 2000 - 9 pages

15 SEPTEMBER 2000 - 9 pages

### Questions and Concerns

- Many traps were destroyed this year by foxes. Cups were removed from the ground, torn, and carried away.
- We would like to redesign the data to include specific orders  
Eleodes | Other Teneb | Other Coleop | Hemip | Orthop | Diptera | Lepid | Hymen | mites + Spiders

- Added column "Empty" - put "X" if empty  
put "." if not (ie don't have any blank colls)

- Larvae is Lepid + Coleop + other larvae combined

Date copies of data sheets were sent to PI(s) \_\_\_\_\_

Date copies of data sheets were sent to SGS-LTER office \_\_\_\_\_

Names of any other persons given copies of data sheets \_\_\_\_\_

→ indicate  
in  
Comments

- Create Comments file

opens: 01 May 2000  
 Date: 05 May 2000

# PITFALL TRAP DATA

Pasture Catena

Trappers MD Lindquist L.M. Hartney, NE Kaplan  
 24 hr Weather Sunny - 80s - light wind

Time 13:00

Transect \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		4 ELEX		1 CURCU 2 CARAB	1 THOM 1 GNAP
800B				1 MELOID 2 SCARAB	3 LYCO
810A		1 ELEX			5 FORM
810B		7 ELEX			1 GRILL 2 REDUN
820A				1 CARAB	5 FORM
820B		1 ELEX		1 CARAB	1 GNAP 1 LEPID LARVE
830A		1 ELEX			2 GRILL 1 THOM
830B		1 ELEX		2 CARAB	3 FORM
840A					1 THER
840B		2 ELEX 1 ELFU		1 CARAB 1 CARAB LARVAE	3 LYCO 1 THOM
850A		3 ELEX		4 CARAB	1 THOM
850B		2 ELEX		2 CARAB	1 GRILL 1 ACRID 1 THOM 1 ACRID
860A		2 ELSP? (chewed up)		3 CARAB	6 THOM
860B		2 ELFU		4 CARAB 1 CURCU	1 APID 2 THOM
870A		1 ELEX		2 CARAB	2 GRILL 2 LEPID LARVAE
870B		1 ELEX 1 ELHI 2 ELFU		2 CURCU 1 SCARAB 4 CARAB	7 LYCO 1 THOM
880A	X				
880B		1 ELEX		1 CARAB	1 LEPID LARVAE 1 THOM
890A		2 ELEX 1 ELFU		1 CARAB	10 ACRID 1 LEPID LARVAE
890B		1 ELEX			
900A		6 ELEX			
900B	X				

## PITFALL TRAP DATA

open 1 May 2000  
 Date <sup>10:00</sup> 5 May 2000  
 Time 13:00

Pasture CATENA  
 Transect

Trappers M. Lindquist, L. Hartley, N. K.  
 24 hr Weather

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		8 ELEX		3 CARAB	4 FORM
700B		1 ELEX			
710A				2 CARAB	1 LYCO 2 HEMIPTERA (UNK)
710B		1 ELEX			9 FORM
720A		1 ELEX		2 CARAB	2 FORM 2 HEMIPTERA (UNK)
720B		1 ELEX			1 ACRID
730A		3 ELEX 1 ELOB		2 CARAB	
730B					1 ACRID
740A		1 ELEX			4 FORM 1 LEPID LARVAE
740B		1 ELHI 3 ELEX			
750A		9 ELEX			12 FORM 1 APID 1 GRILL
750B		14 ELEX		7 CARAB	5 FORM
760A		1 ELEX		1 CARAB	6 FORM
760B		2 ELEX			10 FORM
770A		3 ELEX		1 CURCU	2 HEMIPTERA (UNK)
770B		3 ELEX			1 FORM
780A		10 ELEX		3 CURCU	1 GNAP
780B					1 APID
790A		3 ELEX			10 FORM 1 THOM 1 LYCO
790B		1 ELEX			

## PITFALL TRAP DATA

Date 05 May 2000  
Time \_\_\_\_\_Pasture \_\_\_\_\_  
Transect \_\_\_\_\_Trappers \_\_\_\_\_  
24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1 ELFU			1 ACRID 2 FORM 1 APID
600B		1 ELFU		1 PAEL	4 FORM
610A		1 ELEX			1 SALT
610B		1 ELEX		1 SCARAB	15 FORM
620A		1 ELEX			1 APID 8 FORM
620B					4 FORM
630A				1 CURCU	1 LEPID LARVAE
630B				1 CARAB	1 THOM
640A		1 ELHI		1 PAEL 1 CURCU	1 FORM
640B				4 SCARAB 3 SILPH 1 CARAB	1 CHU
650A			DAMAGED		
650B			DAMAGED		
660A			<div>             - should have comment or note row because there is no way to enter "damaged."           </div>		
660B					
670A					
670B			DAMAGED		
680A		2 ELEX		1 SCARAB	1 ACRID
680B					1 GRILL
690A		4 ELEX		1 CURCU	5 FORM
690B	X				

# PITFALL TRAP DATA

Date 05 May 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time 5 Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		1 ELEX		4 CARAB	1 LEPID LARVAE
500B					1 GRILL
510A				1 CARAB	1 LEPID LARVAE
510B		1 ELEX			7 FORM
520A					1 CHVI 5 FORM
520B		1 ELEX		1 PAEL	
530A				2 CARAB	1 THOM
530B		3 ELEX			10 FORM 1 AKRID. 1 LEPID LARVAE
540A		3 ELEX		1 CARAB	3 FORM
540B		1 ELEX 1 ELOB			2 THOM 1 GNAP
550A		5 ELEX			
550B					1 GNAP
560A		5 ELEX		1 CURCU	1 GNAP
560B		10 ELEX			1 LEPID LARVAE 1 LYCO
570A		8 ELEX		7 CARAB 1 MELOID	1 GNAP
570B		4 ELEX		1 PAEL	1 GRILL 1 LEP LARVAE 2 THOM 1 SALT
580A		1 ELEX			10 FORM 1 LEPID
580B		1 ELEX			1 LEPID LARVAE
590A		1 ELEX		3 CARAB	10 FORM
590B		1 ELEX		1 CARAB	

## PITFALL TRAP DATA

Date 05 May 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time 0 Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		1 ELEX		1 CARAB	10 FORM
400B		1 ELEX			6 FORM
410A		1 ELFU			10 FORM
410B		2 ELEX			1 LEPID 15 FORM
420A		16 ELEX			1 GNAP
420B		6 ELEX		9 SCARAB	
430A		1 ELEX 1 ELFU			10 FORM
430B		2 ELFU 1 ELEX		1 CARAB	
440A		1 ELOB 5 ELEX		1 PAEL	
440B		2 ELEX			20 FORM
450A		1 ELEX		1 CARAB	1 THOM 4 FORM
450B		1		1 CURCU	3 FORM
460A		1 ELFU		1 CARAB	1 THOM 6 FORM
460B				1 CARAB	1 GRILL
470A					1 LEPID 10 FORM
470B					1 THOM
480A		1 ELHI 1 ELEX	1 EMPL	3 CARAB	
480B			1 PSOP		
490A	X				
490B					1 LYCO



## PITFALL TRAP DATA

Date 05 May 2000

Pasture \_\_\_\_\_

Trappers \_\_\_\_\_

Time \_\_\_\_\_

Transect \_\_\_\_\_

24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		1ELFH		5 SCARAB	1 CHVI
300B		2ELEX		1 CURCU	1 LEPID LARVAE 1 APID
310A		5ELEX		2 CARAB	1 PENTA (Hemip)
310B		6ELEX			1 LYCO
320A		2ELEX	1 EMPL		
320B		4ELEX			2 THOM 4 FORM 1 LEPID
330A		1ELEX 1ELHI			1 CHVI 1 FORM 1 GNAP
330B		8ELEX			2 CHVI 10 FORM
340A		3ELEX			
340B	X				
350A		6ELEX		1 PAEL	1 CHVI
350B	X				
360A				1 CARAB	
360B		1ELHI			
370A		1ELEX		1 CARAB	2 THOM 1 CHVI 2 LYCO
370B	X				
380A					
380B					
390A				1 PAEL	1 GNAP
390B	X				

640 was actually  
damaged -  
I discovered screw  
up at 380a/380b  
so everything was  
pumped back  
nek

# PITFALL TRAP DATA

Date 05 May 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		1ELTR 1ELEX	2EMPL 1EMMM	1CARAB	1CHVI 1MUTIL
200B		6ELEX	1EMPL		1GRYLL
210A				1CARAB	1FORM
210B		3ELEX			
220A	X				
220B		3ELEX			2LYCO 1GRYLL
230A		1ELEX		2CARAB	1PENEA
230B		1ELFU 2ELEX		1CARAB	
240A		5ELEX 2ELOR		1COLEOPTERA LARVAE	1GRYLL
240B					3CHVI
250A		2ELEX 1ELOR			
250B		2ELEX	1EMCO		1CHVI 1GNAP
260A		3ELEX		3CARAB	
260B		6ELEX 1ELHI			1LYCO
270A		3ELEX		1SCARAB	
270B		1ELOR 3ELEX			2LYCO 1THOM
280A					1CHVI 1LYCO
280B		3ELEX		2SCARAB	1ACARID
290A		1ELFU		1PAEZ 2MELOID	2THOM 1REDUV
290B		4ELEX		2SCARAB 2CARAB 1MELOID	2LYCO 1LEPID LARVAE



# PITFALL TRAP DATA

Date 05 May 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A	X				
100B		1 ELEX		1 CARAB	
110A		1 ELEX		2 MELOID	
110B	X				
120A		2 ELEX	1 EMPL	1 SCARAB	1 THOM 1 REDUV
120B		14 ELEX 1 ELHI		(1 LEPID LARVAE)	1 CHVI 1 LYCO 2 THOM 10 ACARID
130A				2 PAEL 1 CARAB 1 SCARAB	1 THOM
130B		3 ELEX		2 PAEL	1 CHVI
140A		1 ELEX			5 ACARID
140B		3 ELEX		3 CARAB	
150A		1 ELDR 2 ELEX			2 THOM 1 FORM
150B		1 ELEX		3 CARAB	2 LYCO 1 ACRID
160A					1 GRILL 1 LEPID LARVAE
160B		1 ELEX		1 PAEL	1 LYCO 2 LEPID LARVAE 1 THOM 10 FORM
170A				1 SCARAB 1 CARAB	1 GRILL 1 LEPID LARVAE
170B				3 CARAB 1 SCARAB	1 LEPID LARVAE
180A		5 ELEX		1 MELOID 1 CARAB 1 CURCU	
180B		3 ELEX 1 ELHI		1 CURCU	1 LYCO
190A		5 ELEX		2 CARAB	1 LYCO 2 FORM 1 CHVI 2 THOM
190B		9 ELEX 1 ELTR		2 CARAB	2 THOM 1 CHVI

# PITFALL TRAP DATA

Date 05 May 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A		1 ELEX			1 LEPID.
0B				1 CURCU	2 LYCO 1 THOM, 20 FORM 1 LEPID LARVAE
10A		3 ELEX	2 ETRO		1 PENTA
10B		9 ELEX		1 CURCU 1 CARAB	
20A		7 ELEX		1 CARAB	
20B		2 ELEX		1 CARAB	1 LEPID LARVAE
30A					1 LEPID LARVAE
30B					1 LEPID
40A		1 ELEX			2 LEPID LARVAE 1 THOM 1 FORM 1 GNAP
40B				1 PAEL 1 SCARAB	1 GNAP
50A	X				
50B		2 ELEX			2 LYCO 1 THOM 1 LEPID LARVAE
60A					1 LEPID LARVAE 5 ACARID
60B		6 ELEX			4 ACARID 1 CHV 5 FORM
70A		2 ELEX			
70B		1 ELEX		1 CARAB	1 LYCO
80A		1 ELEX		2 CARAB	1 LEPID LARVAE 2 LYCO
80B			1 EMPL	3 CARAB	2 LYCO 1 LEPID <del>1 ACARID</del>
90A		1 ELEX		1 CURCU	1 LEPID 1 REDW 2 LYCO 3 THOM 3 FORM
90B		3 ELEX			

## PITFALL TRAP DATA

J. Lee, Patrick Ray

Date 09 June 2000

Pasture 15 / CATEVA

Trappers K. Woodmansee, NE Kaplan

Time 9:00 am

Transect

24 hr Weather very hot - windy last

night &amp; today.

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A	1 ELEX 1 ELFU		1 CARAB	1 GRILL 1 APID
800B				1 THOM 20 FORM
810A				1 LYCOS
810B	2 ELFU 1 ELEX			1 GRILL
820A	1 ELEX		1 CARAB	1 GRILL 1 HYMEN 1 LYCO 1 ACRID
820B	2 ELFU		1 CERAM 1 CARAB	
830A	1 ELOR 1 ELEX		2 CARAB (PAEL)	1 LYCO 20 FORM 1 GNAP
830B	1 ELFU			
840A	2 ELEX 2 ELFU		1 CARAB (PAEL)	100 FORM
840B			1 CARAB (PAEL)	1 LYCOS
850A	1 ELEX			3 LYCOS 5 FORM
850B	1 ELEX 1 ELOB		1 CARAB (PAEL)	1 DIPTERA 1 LYCOS
860A	2 ELFU			1 THOM 5 FORM
860B	3 ELFU 2 ELEX		1 CARAB	1 THER 1 FORM
870A				1 THOM
870B	1 ELOR 1 ELFU		1 SCARAB	1 LEPID 5 FORM
880A	2 ELEX			
880B			1 CARAB	1 LYCOS 1 HEMIPT (CHM)
890A	1 ELFU		1 CARAB (PAEL)	1 GRILL 10 FORM
890B	1 ELFU		1 CARAB (PAEL)	5 FORM
900A	1 ELEX		1 SCARAB	2 LYCOS 1 GNAP
900B	2 ELEX		1 CURCU	

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		5 ELEX			5 FORM
700B		4 ELEX			5 FORM 1 APID
710A		2 ELFU 1 ELEX		1 CARAB	1 THOM 10 FORM
710B		1 ELFU 1 ELEX		2 CARAB	100 FORM 1 THOM
720A		2 ELFU 1 ELEX			5 FORM
720B		1 ELFU 1 ELEX			10 FORM
730A		1 ELOX 2 ELFU		2 CURCU 1 CARAB	1 APID 1 COREID
730B		1 ELOX 2 ELEX		1 CARAB	1 LYCOS 5 FORM
740A				1 CARAB	UNK (3 BUGS) Hemip 1 UNK SPIDER
740B				2 CARAB (1 PAEL)	1 LYCOS
750A		1 ELEX		2 CARAB	15 FORM
750B		1 ELEX			1 APID 100 FORM
760A		2 ELFU			10 FORM 1 LYCO
760B		2 ELOX 1 ELFU			
770A		1 ELEX			3 FORM 1 GNAP 1 GRILL
770B		2 ELOX 1 ELOB		1 CURCU	1 COREID 10 FORM
780A		3 ELEX 1 ELOB		1 CARAB	100 FORM 1 HEMIP 1 GNAP
780B		1 ELEX			
790A		4 ELEX		1 CARAB (PAEL) 1 CURCU	5 FORM
790B					1 LYCO

## PITFALL TRAP DATA

Date 09 June 2000

Pasture

Trappers

Time

Transect

24 hr Weather

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		2ELX	1EMMU	1MELOID 1CARAB	10 FORM
600B		1ELFU			30 FORM
610A		1ELEX		1CARAB	1 APID 100 FORM
610B		3ELFU			30 FORM
620A		1ELFU		1CARAB	1 APID 1 FORM
620B		3ELEX 1ELFU		2 CARAB	
630A		NOT OPENED			
630B					
640A		1ELEX 6ELFU		1CARAB	5 FORM
640B		4ELEX		1CARAB	3 LEAF HOPPERS (HEMP) 1 LYCOS 5 FORM
650A		DAMAGED TRAP			
650B					
660A		DAMAGED TRAP			
660B					
670A		DAMAGED TRAP			
670B					
680A		1ELOB 1ELFU 3ELEX		1CARAB	1 GRILL 3 LYCOS
680B				1 SCARAB	4 LYCOS
690A		3ELFU			3 LYCOS 50 FORM
690B				3 CARAB	5 FORM

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A					1 GNAP / FORM 1 LYCO
500B		1 ELEX			
510A		2 ELEX			
510B		3 ELEX 3 ELFW		2 CARAB	1 LYCOS
520A		1 ELEX		2 CARAB	1 GRYPH 10 FORM
520B		1 ELEX		2 CARAB (1 PAEL)	1 COREID 10 FORM
530A		1 ELEX			1 GNAP
530B		1 ELEX 1 ELFW		2 CARAB	1 HEMI P (LEAF HOPPER) 1 APID
540A		2 ELEX			1 ACRID
540B					1 ACRID 20 FORM 1 DIPTERA 1 GNAP
550A		3 ELEX			
550B		1 ELEX			1 LYCO
560A				1 CARAB	
560B		3 ELEX		1 CARAB	10 FORM
570A		2 ELEX			3 FORM
570B		2 ELEX			1 APID 10 FORM
580A		2 ELEX			3 GNAP 5 FORM
580B		1 ELEX			15 FORM
590A		2 ELFW 1 ELEX		1 CURCU	15 FORM
590B		3 ELFW		1 CARAB	10 FORM

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A					1 LYCO 10 FORM
400B		1 ELEX 1 ELFU			
410A	✓				
410B		2 ELEX 1 ELFU			15 FORM
420A		3 ELFU 1 ELEX			3 FORM
420B	✓				
430A		1 ELFU			
430B		3 ELEX			5 FORM
440A				1 CURCU	1 FORM
440B		SMUSHED <sup>1 ELFU</sup>			3 FORM
450A		CUPS REMOVED			
450B					
460A		CUPS REMOVE D			
460B					
470A				1 MELOID	1 SALT 5 FORM
470B		1 ELEX			
480A		4 ELOR		1 CARAB	1 GNAP
480B		1 ELOB		1 CARAB	
490A		1 ELFU		3 CARAB 1 MELOID	
490B				1 CHRYSO	



# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		1 ELOR		2 CARAB (PAEL)	2 LYCOS
300B		1 ELEX			
310A		1 ELEX			1 LYCOS 1 FORM
310B				1 MELOID	
320A		2 ELEX		1 SCARAB	
320B		1 ELEX 1 ELOB		1 MELOID	1 SALT 1 2 LYCOS 1 GNAP
330A		1 ELOB 2 ELFU 1 ELEX			1 LYCO 75 FORM
330B		1 ELOB		2 CARAB (PAEL)	3 FORM
340A		2 ELFU			1 THERI
340B		2 ELFU 2 ELEX			1 APID
350A		4 ELEX		1 CARAB	1 LYCOS 2 GNAP
350B		2 ELEX			
360A					1 GNAP 1 LYCOS
360B		1 ELFU		1 CARAB	
370A		1 ELEX			SWIFT FOX (VUVE SCAT)
370B					10 FORM
380A				1 CARAB (PAEL)	1 GRILL
380B				1 CHRYSO	
390A	✓				
390B		1 ELEX		1 MELOID	5 FORM

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A				1 CARAB (PAEL)	3 LYCO 10 FORM
200B				1 CARAB	1 LYCO 1 PENTA
210A		1 ELFU			10 FORM 1 PENTA 1 SALT
210B				1 CARAB	1 LYCO
220A		1 ELOR			
220B		1 ELOR	1 EMMU	1 CARAB (PAEL)	
230A		1 ELOR <del>2 ELX</del>			1 FORM 1 HEMIP (PENTA)
230B		3 ELX <del>2 ELFU</del>			1 LYCOS
240A		1 ELX		1 CARAB	1 HEMIP (CHVI) 20 FORM
240B		1 EL0B		1 CARAB (PAEL)	
250A		4 ELFU	1 EMMU		
250B		1 ELX			2 HYMEN (V. ANT)
260A		1 ELX	1 EMMU	1 CARAB 1 MELOID	1 LYCOS 2 HYMEN 1 APID (VELVET ANTS)
260B					1 LYCOS 1 FORM
270A		3 ELX	2 EMMU		
270B		7 ELX			1 LYCO 1 GNAP
280A					70 FORM
280B	✓	CUP EATEN or CHEWED			
290A	✓	CUP REMOVED			
290B		4 ELX	1 EMMU		1 LYCO 3 FORM

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		1 ELFU			
100B					1 GNAP 5 FORM
110A		3 ELEX		1 CARAB	1 LYCOS
110B		7 EEX 1 ELFU			
120A		1 ELOR			3 LYCO 1 DIPTERA 1 GNAP 1 FORM
120B		1 ELOR 1 ERO 2 EEX			1 GNAP
130A		2 EEX 2 ELFU			1 LYCOS
130B		2 ELFU 1 ERO			1 LYCOS 1 SALTI 1 APID
140A		1 ELFU			
140B		4 EEX 1 ERO		1 CARAB (PAEL)	
150A					2 LYCOS
150B				1 SCARAB	
160A				1 CARAB (PAEL)	
160B				1 CARAB (PAEL)	3 LYCOS 1 PENTA
170A		1 EEX		1 CERAM	1 MANTID (UNK)
170B		1 ELFU 1 EEX		1 CARAB (PAEL)	1 LYCO
180A		1 ELFU 2 EEX			
180B		1 ELFU 1 EOR 1 EEX		1 CARAB	
190A	✓				
190B				3 MELOID	

# PITFALL TRAP DATA

Date 09 June 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A				1 LYCOS
0B	1 ELOB 2 ELEX		4 CARAB	1 APID
10A	3 ELEX			4 LYCOS
10B	1 ELFU			1 SALT 1 GNAP
20A	1 ELEX		3 MELOID 1 CARAB	1 LEPID 1 UNK. PUPAE
20B	8 ELEX			1 APID 1 GNAP
30A	1 ELFU			1 LYCOS
30B	3 ELFU 2 ELEX		2 CARAB (PAEL)	100 FORM
40A	2 ELEX		1 CARAB	1 FORM
40B	1 ELEX			1 FORM 1 GRILL
50A				2 LYCOS
50B	4 ELEX 1 ELFU			1 FORM
60A	1 ELEX			
60B				3 LYCOS
70A	4 ELEX		1 CARAB (PAEL)	5 LYCOS
70B	5 ELEX	1 ASOP		1 APID 1 LYCOS
80A	6 ELEX 1 ELFU		1 CARAB	2 LYCOS 5 FORM
80B	3 ELEX 3 ELFU	1 EMMU		1 GNAP 1 LYCOS
90A	2 ELEX 1 ELFU			1 ACRID
90B				LEPID LARVAE

# PITFALL TRAP DATA

Date 11 July 2000 Pasture                      Trappers C. Gorman, E. Gorman, M. Cogg  
 Time 8:40 am Transect                      24 hr Weather Hot, mid 90's, low  
moisten

Trap # Empty	Eleodes Spp. - Mark	Catena Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 EMPL	1 Carabidae 1 Chrysomelidae	1 Lycos
800B	1 ELEA			4 Lycos 2 Gnaph
810A				3 Ants 1 Vespidae
810B	NO TRAP → DESTROYED			
820A			1 Meloidae	2 Lycos 1 Apidae
820B			1 Meloidae 2 Carabidae	2 Lycos 1 ant
830A	NO No	TRAP	(DESTROYED)	
830B		Trap	(Destroyed)	
840A	NO No	TRAP	(DESTROYED)	
840B		TRAP	(Destroyed)	
850A			1 scarabidae	2 Lycos 1 Gnaph 1 Ther
850B	2 ELFU			1 Thom 2 ANTS
860A	2 ELFU			1 Lycos 1 ant
860B	1 ELOR 1 ELFU			1 Lycos 1 Mantid
870A	1 ELEX 1 ELHI	1 EMCO		1 Lycos
870B			1 Carabidae	1 Lycos
880A				2 ants
880B				4 Lycos 1 Ther 2 ants
890A				2 Lycos 2 ants
890B	1 ELOR			1 Lycos
900A				1 Wind Scorpion (Arachnid, Solpugida)
900B	1 ELHI			1 ant 1 Lycos

## PITFALL TRAP DATA

Date 11 July, 2000 Pasture \_\_\_\_\_ Trappers Z. Drogan, M. Cooper, C. Goo  
Time 8:40-2 Transect \_\_\_\_\_ 24 hr Weather Hot, mid 90's, low

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		NO	TRAP	DESTROYED	
700B		NO	TRAP	Destroyed	
710A		NO	TRAP	DESTROYED	
710B		NO	TRAP	Destroyed	
720A		NO	TRAP	DESTROYED	
720B		NO	TRAP	Destroyed	
730A		NO	TRAP	DESTROYED	
730B		NO	TRAP	Destroyed	
740A		DESTROYED	NO TRAP		
740B		NO	Trap	Destroyed	
750A				1 Gryll 1 Carab	1 larvae
750B				1 acrid	1 Lycos 10 ants
760A		3 ELEX			1 ant 1 acrid
760B		2 ELHI 1 ELEX			1 Lycos 2 ants
770A		2 ELEX	1 EMMU		
770B		2 ELFU			10 ants 1 Lycos
780A		2 ELEX			1 Lepid 4 ants 1 Thom
780B					2 Lycos, 2 ants 1 Thom
790A		1 ELEX			1 Lycos 2 ants 6 mites
790B				2 Chrys	1 Salticidae 1 Therididae 5 ants 1 Lycos 1 Diptera

## PITFALL TRAP DATA

Date 11 July 2000 Pasture \_\_\_\_\_ Trappers Z. Doren M. Cooper C Goodman  
Time 8:40 am Transect \_\_\_\_\_ 24 hr Weather Hot, mid 90s, low mail:

Trap # Empty		Eleodes Spp. - Mark	CATENA Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		4 ELEX 2 ELFW	1 EMPL		1 ant 1 gnaph 1 larvae
600B					30 ants
610A		NO	TRAP	DESTROYED	
610B		1 ELEX		1 scarab	3 Lycos. lar 30 ants
620A		1 ELEX			1 Lycos 1 gnaph 15 ants
620B		1 ELEX		ACRID	20 ants
630A		1 ELEX			
630B					2 ants
640A					1 Lycos 4 ants
640B					1 Lycosidae 3 ants
650A		NO	TRAP	DESTROYED	
650B					8 ants
660A					1 ant
660B		NO	TRAP	DESTROYED	
670A		1 ELEX		4 Carab	1 Lycos 2 Form
670B		1 ELEX		2 Scarab 11 Carab 1 Curcu	2 Lycosidae 1 Theridiidae
680A		1 ELFW			1 Lycosidae
680B			1 EMPL	1 Carab	7 ants
690A		NO	TRAP	DESTROYED	
690B		NO	TRAP	DESTROYED	



# PITFALL TRAP DATA

Date 11. Feb 2000 Pasture \_\_\_\_\_ Trappers Z. Drees, M. C. Chapman, C. Godwin  
 Time 8:40 am Transect \_\_\_\_\_ 24 hr Weather Wind, mid 90s, low moisture

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A				Scarabidae	12 ants
500B		NO TRAP		DESTROYED	
510A		1 ELHI 1 ELFU			1 Gnath, 10 ants 2 Theridiidae
510B					1 Ant 1 Lycosidae
520A		1 ELFU			
520B		1 ELEX	(FUNNEL GRAPE)		3 ants
530A		1 ELEX			2 Lycosidae, 1 Diptera 10 ants 1 Vesp
530B		1 ELHI 5 ELEX			1 Lycos
540A		(TRAP DAMAGED)			Larvae
540B		NO TRAP DESTROYED			
550A				1 Carab 1 Curcu	1 ant 1 apidae
550B		2 ELEX			
560A		1 ELFU		1 Scarab	1 Lycos
560B		(TRAP DAMAGED)			1 ant
570A					
570B		NO TRAPS		DESTROYED	
580A		(Trap somewhat damaged)	1 EMPL		1 Lycos
580B		NO TRAP		DESTROYED	
590A		1 ELEX		3 Carab 1 Scarab	1 Lycos
590B		1 ELEX		-	1 Gryllacrid

# PITFALL TRAP DATA

Date 11. July 2000 Pasture                      Trappers Z. P. Brown M. Cooper C. G. G. G.  
 Time 8:40 am Transect                      24 hr Weather Hot, 90s (mid), heavy moisture

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		1 ELHI	(No Funnel)		2 ants
400B		1 ELFU			2 Lycosidae 2 ants
410A		1 ELEX		1 Carabidae 1 mrlaid	1 Thomisidae
410B		1 ELEX	(No Funnel)		1 ant
420A		NO TRAP DESTROYED			
420B		1 ELEX 1 ELHI	(No Funnel)		8 ants
430A		1 ELFU			3 ants
430B					50 ants
440A				1 Carabidae	2 Lycosidae
440B					1 mite
450A					1 ant 1 Lycosidae
450B					1 Lycosidae
460A		1 ELFU	(Funnel destroyed)	1 scarabidae	
460B					1 Lycosidae
470A		NO TRAP DESTROYED			
470B		1 ELFU			1 ant 1 apidae
480A		NO TRAP DESTROYED			
480B		1 ELOR			
490A					1 Lycosidae
490B				1 Carab.	1 Gnaph 1 Lycosidae

## PITFALL TRAP DATA

Date 11 July 2000 Pasture \_\_\_\_\_ Trappers Z. Deegan, M. Cooper, C. Goodman  
Time 8:40 am Transect \_\_\_\_\_ 24 hr Weather Hat, mid 90s, Low

# CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A	X				
300B	X				
310A		NO TRAPS DESTROYED			
310B					
320A		1 ELEX		3 Carabidae	5 ants
320B		1 ELOR			1 ant
330A		2 ELFU			1 ant 2 Formicidae
330B		NO TRAP DESTROYED			
340A		2 ELEX 1 ELHI			3 Lycosidae 1 ant
340B		1 ELHI 1 ELOR			50 ants
350A		1 ELEX			1 Lycosidae
350B	X				
360A					1 Lycosidae
360B			1 EMNH		7 ants
370A					3 Lycosidae
370B		1 ELHI	1 EMNH		
380A		1 ELOR			3 Lycosidae 1 spider
380B		1 ELEX 1 ELFU			2 Lycosidae 1 moth 1 Gnaphosidae
390A			(NO Funnel)		2 Lycosidae 3 ants
390B					3 ants 1 Gryllacrid

# PITFALL TRAP DATA

Date 11 July 2000 Pasture \_\_\_\_\_ Trappers Z. Deacon, M. Cooper, C. Goff  
 Time 8:40 am Transect \_\_\_\_\_ 24 hr Weather Hot, mid 90s, low moisture

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		3 ELEX	1 EMMY 1 ASOP		
200B		NO	TRAP	DESTROYED	
210A		1 ELHI			5 ants
210B	X				
220A		1 ELEX			1 ant
220B		4 ELFU 1 ELOB			1 Lycos 1 Thom 1 Gnaph 1 Gryllacrid
230A				1 Carabidae	20 ants
230B		1 ELHI		1 Carabidae 1 Gryllid 1 Scarab	10 ants 1 Lycos
240A		2 ELEX 2 ELFU		1 Scarabidae	
240B	X				
250A				1 Carabidae	1 Therid
250B				1 Carab	1 Salt
260A		1 ELFU 1 ELOR			1 Gnaph 1 Thomisidae
260B			1 ASOP		1 Lycosidae
270A					1 Gnaph
270B		1 ELEX		1 Carab	1 ant
280A		1 ELHI		1 Carab	1 Lycos
280B		1 ELEX 1 ELOR 1 ELFU		1 Scarabidae	
290A		1 ELEX 1 ELFU			2 Lycosidae
290B		1 ELFU			

# PITFALL TRAP DATA

Date 11 July 2000 Pasture \_\_\_\_\_ Trappers Z. Deen M. Cooper C. Gaudin  
 Time 8:40 am Transect \_\_\_\_\_ 24 hr Weather Hot, mid 90s, low moisture

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A					1 wind scorpion (Solpugida)
100B	X				
110A					1 wind scorpion (Solpugida)
110B				1 Carabidae	
120A		1 ELOR 1 ELFU	1 EMPL		1 Thom
120B		1 ELEX 1 ELOB		1 Carabidae	1 Lycosidae
130A		2 ELFU 1 ELEX			
130B		1 ELHI 1 ELOB			1 Lycosidae
140A		2 ELEX 1 ELFU		1 Carabidae	1 Lycosidae
140B			1 ENLO	1 Carabidae	1 Lycosidae 1 Thomisidae
150A		2 ELEX			3 Lycosidae 1 Diptera
150B		1 ELEX 1 ELHI			2 Lycosidae
160A		1 ELFU			1 Lycosidae
160B		1 ELHI	1 ASOP		1 Lycosidae
170A				1 Carabidae	1 Lycosidae
170B			1 ASOP	1 Carabidae	
180A	X				
180B		1 ELOR 3 ELEX		1 acrid	5 ants
190A		1 ELHI			1 Lycosidae 1 Theridiidae
190B	X				

# PITFALL TRAP DATA

Date 11 July 2000 Pasture \_\_\_\_\_ Trappers 2 Deegan, M. Cooper, C. Smith  
 Time 2:40am Transect \_\_\_\_\_ 24 hr Weather Hot, mid 90s, low moisture

## CATENA

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A				1 Carabidae	10 ants
0B				1 Carabidae	5 ants
10A		1 ELEX			1 Lycosidae, 1 wind scorpion
10B					2 Lycosidae
20A		4 ELEX			
20B		1 ELEX			1 Theridiidae
30A	X				
30B		1 ELHI		1 acrid	
40A		1 ELEX 1 ELFU 1 ELOR			1 Lycosidae
40B				1 carabidae	2 Lycos
50A		1 FLEX			1 Lycosidae
50B		2 ELOR 1 ELEX			1 Gnaph
60A					1 Lycosidae
60B					2 Lycosidae
70A		2 ELOR 2 ELEX 1 ELFU			
70B		2 ELFU		2 Scarabidae	2 Lycosidae
80A					3 Lycosidae 50 ants
80B					1 Lycosidae
90A		1 ELOR 1 ELHI 1 ELOR 1 ELEX			2 Lycos 1 ant
90B		1 ELHI 1 ELOR			1 ant

# PITFALL TRAP DATA

\* Note \* many traps were destroyed by foxes

Date 11 Aug 2000

Pasture \_\_\_\_\_

Trappers \_\_\_\_\_

Time \_\_\_\_\_

Transect Catena

24 hr Weather hot sunny mid 90's F  
light wind

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		EH1 ELOB			2 Lycos
800B				1 PAEI	2 Lycos
810A	X				
810B					1 Lycos
820A				2 meloid	1 Lycos 1 Thom
820B		1 ELEX			2 Lycos
830A		1 EIH1			1 Thom
830B		2 ELEX			3 Lycos
840A					3 Lycos
840B	X				
850A					10 forms
850B					1 Lycos
860A		1EMPL		1 CURCU	1 Lycos
860B		1 ELEX 1 ELEU		1 PAEI	20 Form
870A				1 PAEL 2 meloid	10 Ants <del>1 meloid</del>
870B		1 ELEX			2 Lycos 3 Form
880A	X				
880B					1 Lycos
890A	X				
890B					1 Therid
900A	X				
900B					1 Lycos 1 mantid



# PITFALL TRAP DATA

Date 11 Aug 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A					1 Form
700B		1 ELEX			1 Lycos 1 moth
710A				1 Melo (green)	2 Lycos 1 Form 1 camel cricket
710B					2 Lycos 2 Form
720A		1 E1FU		1 Curcu	1 Lycos 1 Form
720B					2 Lycos 1 Meloid
730A		2 ELEX			1 Lycos 1 Form
730B		3 ELEX		1 Carab	1 Lycos
740A					1 Lycos
740B					1 Lycos
750A	✓				
750B		1 E1EX 1 E1FU		1 Meloid	1 Thom
760A					1 Form 1 Salt
760B		2 E1EX			1 Thom
770A		1 E1EX		1 CURCU 1 CARAB	2 Form
770B					1 Ther 20 Form
780A		1 ELOR			2 Lycos
780B					
790A		1 ELEX		1 Carab	2 Lycos 1 Gnaph
790B					1 Lycos 1 Diptera

# PITFALL TRAP DATA

Date 11 Aug 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		destroyed			
600B		destroyed			
610A				1 Meloid	10 Form 1 Lycos
610B	✓				
620A		1 EIFU			4 Forms
620B		destroyed			
630A		destroyed			
630B	✓				
640A	✓				
640B	✓				
650A					2 form,
650B				1 meloid 1 Carab	1 cricket 25 ants
660A		destroyed			
660B		destroyed			
670A					1 Lycos
670B		destroyed			
680A		1 ELEX		1 scarab	2 Forms
680B		4 ELEX			1 Form
690A		1 ELEX 1 EMPI			15 Forms
690B					20 Forms

# PITFALL TRAP DATA

Date 11 Aug 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		destroyed			
500B		destroyed			
510A		4 ELEX 1 EIFU			
510B	✓				
520A					1 Lycos 1 Sweet Bee 1 Form (Diptera)
520B		1 ELEX 1 ELOB		1 CURCU	
530A					1 Form
530B					2 Therid 3 Form 1 Diptera (surat bee)
540A	✓				
540B					1 Lycos
550A		destroyed			
550B		destroyed			
560A		1 ELEX			
560B					1 Form
570A		4 ELEX			1 moth 10 Form
570B	✓				
580A		destroyed			
580B		1 ELOB		1 melcid	7 form
590A		destroyed			
590B		destroyed			

# PITFALL TRAP DATA

Date \_\_\_\_\_ Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		1 ELEX			2 Form
400B					2 Form
410A		2 ELEX 2 E1H1			1 Form
410B		3 ELEX			1 Thom 2 Lycos
420A		1 ELH1		1 melod	10 Form
420B					10 Form
430A		1 ELOR		1 PAEL	5 FORMS
430B					5 Form
440A				1 Scarab	1 Lycos 20 Form
440B					2 Form
450A	✓				
450B					2 Lycos 4 Form
460A	✓				
460B					3 Lycos 10 Form
470A		destroyed			
470B	✓				
480A		destroyed			
480B		destroyed 1 ELEX		1 Scarab	
490A		destroyed			
490B		destroyed			

# PITFALL TRAP DATA

Date \_\_\_\_\_ Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		destroyed			
300B	✓				
310A		destroyed			
310B		1 ELHI			
320A		2 ELOR 1 ELEX			3 Form
320B	no funnel			1 Carab	5 Form
330A		3 ELEX			
330B	no funnel	1 ELOR 1 ELFU 2 ELHI 1 ELEX			
340A	no funnel				1 Form
340B	no funnel				30 Form
350A		1 ELEX			1 Form
350B	funnel missing	2 EUCO 1 ELEX			
360A	✓				
360B		1 EUCO 1 GISO 1 ELEX		1 CHLV	
370A		1 ELHI 1 ELOR			
370B		1 ELHI			
380A		3 ELEX		1 Scarab	2 Lycos
380B	✓				
390A					20 Form 1 Hymen
390B					4 Form

# PITFALL TRAP DATA

Date 11 Aug 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		destroyed			
200B		destroyed			
210A		destroyed			
210B		destroyed			
220A		1 ELEX cup pulled out of ground			
220B		1 ELEX			1 Lycos 1 Form
230A		destroyed			
230B		destroyed			
240A	✓	no funnel			
240B					1 camel cricket
250A		destroyed			
250B		destroyed			
260A		2 EIH1			
260B					1 Form 1 camel cricket
270A					1 camel cricket
270B	✓				
280A		1 ELOR			1 Lycos
280B		destroyed			
290A		destroyed			
290B		destroyed			

# PITFALL TRAP DATA

Date 11 Aug 2000 Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A					1 Lycos
100B				1 Pael 1 Curcu	1 skink 3 Lycos
110A	no funnel				1 mantid
110B		1 ELEX 1 ELFU			1 Lycos
120A		1 ELEX		1 PAEL	
120B		destroyed			
130A	✓				
130B		destroyed			
140A		destroyed			
140B					1 mantid
150A					1 Lycos 1 velvet ant 1 skink
150B		destroyed			
160A		destroyed			
160B		destroyed			
170A		destroyed			
170B		destroyed			
180A		destroyed			
180B		destroyed			
190A		destroyed			
190B		destroyed			



# PITFALL TRAP DATA

Date \_\_\_\_\_ Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A					1 Lycos
0B		1 ELOB		1 Curcu	
10A					2 Lycos
10B		1 EIH1			1 Thom
20A					1 Ther 1 Diptera
20B				1 Meloid	1 Lycos 1 Form
30A					1 wind scorpion
30B		1 ELEX			
40A				1 Carab	2 Lycos
40B			1 Emmu		1 Lycos
50A	✓				
50B		1 ELEX			1 Lycos
60A				1 Meloid	2 Salt Sants 1 diptera
60B					1 Lycos
70A		1 ELEX			1 Lycos
70B					1 cricket
80A		1 ELEX		PAEL	
80B		1 ELOR 1 EIH1			1 mantid 3 Form 1 Lycos
90A				1 PAEL	3 Lycos
90B	✓				

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers NE Kaplan, MD Lindquist  
 Time 0900 Transect catena 24 hr Weather high 80's clear  
50's at night

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 ELOB		1 CARAB 1 CURCU	1 THOM
800B					1 THER
810A		2 ELOB		1 CARAB	1 THOM
810B				1 CURCU	1 GRILL
820A		1 ELEX			1 GNAP
820B					1 LYCOS
830A	X	—	—	—	—
830B		5 ELOB		3 CARAB	1 GRILL
840A					1 LYCOS
840B					1 ACRID
850A		3 ELOB		1 CARAB	1 LYCOS 1 SALT
850B				1 CARAB 1 MELOID	1 THER
860A		7 ELFU		2 CURCU 1 MELOID	1 THOM
860B		2 ELFU		2 CURCU	1 Staphyl (Rare Beet)
870A					2 LYCOS 1 ACRID
870B		1 EUCCO	1 EUCCO		
880A				1 PAEL	1 FORM
880B		1 ELFU 1 ELOB		1 CARAB	1 LYCOS
890A				2 CARAB	1 SALT 1 THOM
890B				1 CARAB	1 GNAP
900A					1 THER 1 COREI
900B		1 ELHI 1 EUCCO	1 EUCCO		1 GRILL 1 GNAP

# PITFALL TRAP DATA

Date 15 Sept 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A	X				
700B				1 CARAB	
710A	X				
710B					1 LEPID 1 GNAP
720A				1 CARAB	
720B		1 ELFH		2 CURCU 1 CARAB	1 LYCOS
730A		1 ELFH	1 ASOP	1 CARAB	
730B		1 ELEX	1 ASPO	2 CARAB	2 FORM
740A		2 ELOB		2 CURCU 4 CARAB	1 LYCOS
740B				3 CARAB 1 MELOID	2 LYCOS
750A		1 ELOB		2 MELOID 2 CARAB	1 LYCOS
750B				2 CURCU	3 (FORM) POOC
760A					1 SALTI
760B		2 EUCCO 1 ELEX	2 EUCCO	1 MELOID	
770A				1 PAEL	1 GRILL
770B					7 (FORM) POOC
780A					1 LYCOS
780B					1 REDUV
790A		2 ELOB			1 (FORM) POOC
790B		1 ELFH 1 EUCCO	1 ELOB 1 EUCCO		

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1ELFU 2ELOB 1ELEX		CURCU 1CARAB	1GNAP 3FORM
600B		3ELOB		1CURCU	10FORM
610A				4CURCU 1CARAB	5FORM
610B				1CARAB 1CURCU	40FORM
620A		4ELOB		2CURCU	2LYCOS
620B		1ELOB		1CURCU	1GNAP 6FORM
630A		5ELOB		2CURCU	1APID 10FORM
630B		2DOB			1GNAP 1FORM
640A					1GNAP
640B				1CURCU	1GNAP
650A		1ELOR 1ELOB	1ASOP		15FORM(POOC)
650B		1ELOB 1ELEX		1CARAB	30FORM(POOC)
660A					1APID 1GRYAC 30FORM(POOC)
660B		1ELOB			20FORM(POOC)
670A		1ELOB		2CURCU	6FORM
670B		5EUCD	5EUCD		1LYCOS 8FORM
680A					2FORM
680B				1MELOID	1LYCO
690A				1CARAB	
690B				1CURCU	1GNAP

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A	X				
500B				3 CURCU 1 CINC	1 GRILL 1 LYCOS
510A		1 ELHI 3 ELOB <del>HEUCO</del>	1 EUCCO	1 PAEL	2 LYOS 5 FORM
510B					1 LYCOS 1 SALT
520A					2 FORM
520B		2 ELOB			1 FORM
530A				2 CURCU 1 CARAB	
530B					1 LEPID
540A					1 LYCOS 4 FORM
540B				1 CARAB	1 ACRID
550A		1 ELOB		3 CURCU 1 CARAB	1 LYCOS 1 APID
550B		2 ELOB		1 CURCU	2 LYCOS
560A	X				
560B		2 ELFU 3 ELFX		3 CURCU	
570A				1 CARAB 1 CURCU	2 FORM (POC)
570B		5 ELOB 1 ELFU			1 APID
580A					1 THERI
580B		1 ELFX 1 ELOB <del>HEUCO</del>	1 EUCCO	1 CARAB	
590A		5 ELOB		1 CARAB	3 LYCOS 1 GRILL
590B					1 GNAP

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A					1 LYCOS 5 FORM
400B					1 GNAP
410A		<del>1 ELCO</del>	1 ELCO	2 CURCU	
410B		2 ELOB		2 CURCU	2 GNAP
420A					5 FORM
420B		2 ELFU			1 LYCOS
430A		5 ELOB 1 ELEX 1 ELFU			1 GNAP 40 FORM
430B		<del>5 ELCO</del> 3 ELOB	5 ELCO		15 FORM
440A				3 CARAB	1 GNAP 10 FORM
440B					1 GNAP
450A	X				
450B				1 PAEL	1 GNAP
460A		1 ELOB			1 GNAP
460B	X				
470A		1 ELOB		1 CARAB 1 CURCU	1 FORM
470B				1 CURCU	2 FORM
480A					1 THERI
480B				2 CURCU	5 FORM 1 APID
490A		<del>1 ELCO</del>	1 ELCO	1 CARAB 1 CURCU	10 FORM
490B		1 ELOB		1 CURCU	6 FORM

## PITFALL TRAP DATA

Date 15 Sept. 2000Pasture 15  
Transect CavernaTrappers MDL, NEK  
24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		4 ELOB <del>1 EUCO</del>	1 EUCO		
300B		4 ELOB			1 LYCOS 1 LEPID 1 GNAP
310A		4 ELEX 1 ELOB			1 PENTA
310B		1 ELFU	1 GLSO 1 EMCO	1 CURCU	1 APID
320A		1 ELOB		2 CARAB	1 LYCOS 12 FORM 1 HYMEN
320B		1 ELHI 1 ELOB <del>3 EUCO</del>	3 EUCO		
330A		1 ELOB			50 FORM
330B		1 ELOR 2 ELOB 1 ELFU			1 FORM
340A		1 ELHI 1 ELOB			1 GNAP 5 FORM
340B					9 FORM
350A				6 CURCU 1 CARAB	1 HYMEN
350B		2 ELOB 1 ELHI			7 FORM
360A		4 ELOB		1 CURCU	1 HYMEN 1 GNAP
360B				1 PAEL 1 UNKNOWN (HALFEREN)	1 UNKNOWN
370A			1 ASPO		1 GNAP
370B					1 LYCOS 1 ACRID
380A				2 CURCU 1 MELOID 1 CARAB	2 LYCOS
380B		<del>1 EUCO</del> 3 ELOB	1 EUCO		
390A		2 ELOB	1 ASPO		
390B		1 ELOB	1 ASPO	1 CURCU 1 MELOID	1 LYGAE 50 FORM (PAC)

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	
200A		1 ELHI	1 ASPO	3 CURCU	entered as a ( sunspider)
200B				1 MELOID 1 CURCU	
210A		2 ELFU			
210B		1 ELOR		2 CURCU	1 SOLIPUGIDA: 1 REDUN 1 SALT
220A		1 ELOR 1 ELOR		2 CARAB 1 CURCU	1 APID
220B			1 EMMU 1 EMPL	1 CARAB 6 CURCU	1 APID
230A		1 ELOR		1 CURCU	1 HYMEN
230B		2 ELOR		6 CURCU	1 THOM 6 FORM
240A				2 CARAB	
240B		2 ELOR		6 CURCU	2 CHVI
250A		1 ELOR		1 CURCU	1 GNAP 1 LYCO
250B				1 CARAB 1 CURCU	1 DIPTERA
260A				1 REDUN 1 CARAB	
260B		4 ELOR		1 CURCU	
270A				1 CARAB	
270B				5 CURCU	1 HYMEN 1 REDUN
280A		3 ELOR			
280B		6 ELOR <del>1 ELOR</del>	1 EUCCO	1 MELID	5 FORM 1 CHNUE
290A	X				
290B		1 ELOR		1 CARAB	2 LYCOS 1 GRYAC



## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A				1 CARAB	
100B				2 CURCU	
110A				4 CARAB	
110B				1 PAEL	
120A					2 FORM
120B	X				
130A	X				
130B		2 ELOB			
140A	X				
140B		1 ELOB			1 SOLIPUGIDA (wind scorpion)
150A		1 ELEX			2 LYCO 1 GNAP
150B		1 ELOB			1 SOLIPUGIDA (wind scorpion)
160A				3 CARAB	
160B	X				
170A		1 ELOB		2 CARAB	1 THER HYMEN 1 TCHNEU LAPID
170B		1 ELEX			1 THOM
180A		1 ELOB 1 EOR	2 GLSO	1 CARAB	1 SALT
180B				3 CURCU	1 FORM
190A					1 THOM 3 FORM
190B				2 CURCU 1 MELOID	1 LYCO 1 HYMEN

## PITFALL TRAP DATA

Date 15 Sept. 2000 Pasture 15 Trappers MDL, NEK  
 Time \_\_\_\_\_ Transect Catona 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A			1 UNKNOWN		
0B		1 ELFU		1 CARAB	1 THER
10A		2 ELOB			
10B		1 ELOB		2 CARAB	
20A	X				
20B		1 ELOB			
30A	X				
30B				4 carab	
40A		4 ELOB			1 THER
40B		1 ELFU 1 ELOB		1 CARAB	1 GNAP
50A		1 ELOB			
50B	X				
60A				2 CARAB	1 LYCO
60B					1 HYMEN 4 FORM
70A				1 SILPH	
70B	X				
80A				2 CARAB	
80B		3 ELOB		2 CARAB 1 CURCU	1 MELOID
90A		1 ELFU		1 CURCU	
90B		2 ELOB	1 ELCO	1 CURCU	