

## PITFALL TRAP DATA

open 7 May 2001

Date closed 14 May 2001

Time 8:30am

Pasture 15

Transect

Trappers L. Hartley, N. Kaplan, D. Welton

24 hr Weather SUNNY, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 ELEX		1 CARAB	1 LEPID LARVAE
800B	✓				
810A		1 BOR		2 PAEL	1 LYCOS 1 GNAP
810B		1 ELEX		2 PAEL	1 THOM 1 LEPID LARVAE
820A		1 BOR		2 CARAB	1 GNAP 2 FORM 2 THOM 1 LEPID LARVAE
820B	✓				
830A	✓				
830B					1 GNAP 1 LYCOS
840A	✓				
840B	✓				
850A		1 ELFA			2 LYCOS 1 LEPID LARVAE
850B					1 THER 1 ACRID
860A			1 COCCIN		2 APID
860B			1 COCCIN	1 PAEL	5 FORM 4 THOM
870A		1 ELEX 1 ELOB		1 CHRYS 2 CARAB	2 LYCOS 1 THOM 2 GNAP
870B				3 PAEL	5 FORM
880A					1 THOM 1 FORM
880B		1 ELEX			2 GRILL
890A		1 ELFA			1 THOM 3 FORM
890B		1 ELFA			1 GRYPAC 2 GNAP
900A				1 PAEL	1 ACRID 3 THOM 10 FORM
900B		2 ELEX			1 GRILL 1 THER 4 GNAP

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Pasture 15  
 Transect

Trappers L. Hartley, N. Kaplan, D. Wekh  
 24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A	✓				
700B		8 ELEX			1 GRILL 2 FORM 1 GNAP
710A		1 ELOR 2 ELEX			5 FORM 1 THOM 3 ACARID JUNK.
710B		2 ELHI		1 CARAB	1 GRILL 1 ACARID 1 GRILL 1 LYCOS 1 THOM
720A		2 ELEX		1 CARAB	2 ACARID
720B					4 FORM (POCC) 1 JUNK SPIDER
730A		3 ELEX		1 CURCU 3 CARAB	5 FORM (POCC) 3 THOM 1 LEPID LARVA
730B		3 ELEX		2 CARAB	15 FORM (POCC)
740A		2 ELEX			2 THOM
740B		1 ELEX 1 ELHI		1 CURCU	1 LYCOS 5 GNAP 10 THOM 2 THOM 3 ACARID
750A		1 ELEX			1 LYCOS
750B		6 ELEX			1 GNAP 10 FORM (POCC) 2 THOM
760A				1 CURCU 1 CARAB	1 THOM
760B		1 ELEX			1 THOM 10 FORM (POCC)
770A					1 LYCOS
770B		3 ELEX 1 ELHI	1 THOM		2 LEPID LARVAE 3 FORM 1 THOM
780A	✓				
780B		4 ELEX			2 FORM 1 GRILL 2 GNAP
790A		1 ELOR			2 ACARID
790B		1 ELEX			1 HYMEN

## PITFALL TRAP DATA

 Date <sup>open</sup> 07 May 2001  
 Date closed 14 May 2001  
 Time 8:30

 Pasture 15  
 Transect

 Trappers L. Hartley, N. Kaplan, P. Welch  
 24 hr Weather sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1 ELEX 1 ELHI			
600B		1 ELFU			15 FORM 1 APID
610A		1 ELEX		2 SCARAB	20 FORM
610B				1 CURCU	1 HYMEN 3 FORM
620A				1 PAEL	1 GRYAC 3 GNAP
620B		1 ELEX			20 FORM
630A		1 ELEX	1 EMCO	1 CURCU	1 GNAP 1 THOM
630B					1 APID
640A		2 ELEX 1 ELHI		1 CURCU	20 FORM
640B				2 CURCU 1 CARAB	1 HOMOP (leaf Hopper) 3 FORM (POOC)
650A		3 ELEX		5 CURCU 1 CARAB	1 LEPID LARVAE 3 FORM 1 LAMPY
650B			1 EMCO	2 CURCU 1 SCARAB 3 CARAB	1 GNAP 5 FORM
660A		5 ELEX		12 CURCU 1 CARAB	2 LEPID LARVAE
660B		2 ELFU		1 CURCU 1 CARAB	1 LYCOS 3 ACARID
670A				4 CURCU	2 THOM 1 GNAP
670B			1 EMCO	1 PAEL	5 FORM
680A		3 ELEX			2 LYCOS 1 LEPID LARVAE 4 THOM
680B		4 ELFU 1 ELOR		1 CICIN	1 LEPID LARVAE
690A					10 FORM (POOC) 1 LEPID LARVAE
690B				1 CURCU	1 HYMEN 1 FORM

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 Time 8:30  
 PITFALL TRAP DATA  
 Pasture 15  
 Trappers L. Hartley, N. Kaplan, D. Welch  
 24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		2 ELEX			
500B		5 ELEX		1 SILPHID 1 CARAB	1 THOM LYCOS 1 ACARID
510A	✓				
510B		1 ELEX			1 THOM
520A		1 ELEX			
520B		1 ELEX			20 FORM
530A		2 ELEX			10 FORM 1 GRAYAC 10 ACARID
530B		2 ELEX			1 FORM
540A		2 ELEX	1 EMCO		3 FORM
540B	✓				
550A		3 ELEX 1 ELEX	1 EMCO	1 CURCUL	1 GNAP 10 FORM 1 ACARID
550B		1 ELEX 1 ELEX		1 CARAB	2 LYCOS
560A					1 GNAP 10 FORM
560B		2 ELEX			
570A					10 FORM 1 UNK SPEC 1 GRAYAC
570B		4 ELEX		1 CURCUL 1 COCCIN	2 GNAP
580A					3 FORM
580B				1 PAEL 1 CURCUL	2 FORM
590A			1 EMCO		1 APID 1 FORM
590B					2 THOM 4 FORM

open 07 May 2001 PITFALL TRAP DATA  
 Date closed 14 May 2001 Pasture 15  
 Time 0:30 Transect Trappers L. Hartley, N. Kaplan, D. Webb  
 24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		2 ELEX			15 FORM 1 LYCOS
400B					10 FORM
410A		2 ELEX			1 FORM
410B		1 ELEX 3 ELEX		4 CURCU	1 FORM
420A					20 FORM
420B		1 ELEX			10 FORM
430A		1 ELEX			5 FORM
430B		4 ELEX	1 EMCO		20 FORM
440A	✓				
440B					10 FORM 1 SPIDER
450A	✓				
450B	✓				
460A					1 FORM
460B					5 FORM
470A					15 FORM 2 THOM
470B		1 ELEX			1 LYCOS 5 FORM 1 LEPID LARVAE
480A			1 EMCO	1 CURCU	2 FORM 2 THOM
480B		1 ELEX			1 LEPID LARVAE
490A		1 E		2 CURCU	1 GNAP 1 WCK. 1 THOM
490B		1 ELEX			

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Time 8:30

Pasture 15  
Trappers L. Hartley, N. Kaplan, P. Welch  
24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		1 ELOR		1 CURCU	3 ACARID 1 THOM
300B				2 CARAB 1 SCARAB 1 CURCU 1 CHRYS	1 CHRYS 1 LEPID LARVAE
310A		1 ELFU 1 ELOR 3 ELEX	1 EMMUL		1 LEPID 2 GNAPH
310B	✓				
320A		1 ELEX			1 FORM
320B		4 ELEX			
330A		3 ELEX 1 ELFU		1 SILPHID 1 SCARAB	
330B		2 ELEX		1 CARAB	2 FORM
340A		3 ELEX		1 CARAB	1 LEPID 10 FORM
340B		4 ELEX			10 FORM
350A		3 ELFU 1 BOB 1 ELEX		1 SCARAB 3 MELOID	3 THOM 1 GNAP
350B		3 ELEX		1 SILPHID 3 CARAB	2 GNAP
360A				1 CARAB	
360B		2 ELFU		3 CARAB 1	1 GNAP 1 COREID 1 LEPID LARVAE
370A				2 PAEL	
370B	✓				
380A		1 ELEX		1 SILPH	1 THOM
380B					1 THERI
390A		1 ELEX			5 FORM
390B		1 ELEX		1 CARAB	10 FORM



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Date closed 14 May 2001

Pasture

15

Trappers

L. Hartley, N. Kaplan, D. Welch

Time 8:30

Transect

24 hr Weather

Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A				1 MELOID	
200B		1 EHI 1 ELOB 6 ELEX		1 SCARAB	1 GRAC 1 LEPID LARVAE 1 GNAP 8 ACARID 1 HEMI 2 FORM
210A		3 EHI	2 EMMU	3 CARAB 1 MELOID	10 ACARID
210B				1 CARAB	
220A		2 EFX		1 MELOID 1 CURCU 2 CARAB	1 APID
220B					1 GNAP
230A		2 ELOP	1 EMMU	1 PAEL	1 HOMO (leafhopper) 1 LYCOS 1 THOM 3 ACARID
230B		2 EEX 1 EHI		1 CURCU	3 GNAP 10 ACARID
240A			1 EMMU	1 MELOID 1 SCARAB	1 FORM 1 LARVAE 2 GNAP LEPID
240B				1 CARAB	1 LEPID LARVAE 5 FORM 2 ACARID 2 THOM 3 GNAP
250A				1 CARAB	1 HOMO (leafhopper) 1 LEPID LARVAE 3 ACARID
250B		2 EEX			3 ACARID 1 CHRYSO
260A		1 ELOB 3 EFX			1 THOM 1 GRAC 2 LEPID LARVAE
260B				1 CARAB	1 GRAC 5 ACARID 2 GNAP
270A		1 ELEX			1 GNAP
270B		3 ELEX		1 CARAB	
280A				1 PAEL	
280B				4 CARAB	1 CHRYSO 1 SALTP. 1 THOM
290A					1 FORM
290B		1 ELEX	1 EMMU 1 EMCO	1 PAEL	2 THOM 2 ACARID

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Date closed 14 May 2001 Pasture 15 Trappers L. Hartley, N. Kaplan, D. Webb  
 Time 8:30 Transect \_\_\_\_\_ 24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		6 ELEX			
100B		2 ELEX	1 EMPL		1 LYCOS
110A		1 ELEX	1 EMPL		
110B		1 ELEX		1 CURCU	2 GNAP 1 LEPID LARVAE 1 LEPID 1 FORM <sup>2001</sup>
120A		1 ELEX		1 CARAB	
120B		4 ELEX		1 CARAB	1 LEPID LARVAE
130A	✓				
130B					1 LEPID
140A					5 FORM
140B					2 THOM 15 ACARID
150A					1 LEPID LARVAE
150B		1 ELEX			3 LEPID LARVAE
160A					1 THOM
160B				1 CARAB	2 LEPID LARVAE
170A		2 ELEX			1 LEPID LARVAE 1 THOM 1 LEPID
170B		5 ELEX		3 SCARAB	1 GNAP
180A		3 ELEX		1 SCARAB 1 MELOID	1 LYCOS
180B		1 ELEX 4 ELEX	4 ETRO	2 MELOID	1 THOM 1 LEPID LARVAE 5 ACARID
190A					7 ACARIDS
190B				1 PAEL 1 CARAB 1 SILPHID	1 LEPID LARVAE 10 FORM 2 GNAP



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Transect 15

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24 hr Weather Sunny, 80s

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A				2 Pael	1 Gnaph 1 Lepidoptera 2 Lycos
0B	✓				
10A			1 Emco		2 Lycos 1 Thom 1 Form
10B				1 mclod	1 Gnaph
20A	✓				
20B		1 ELEX			2 Lycos 1 Thom
30A			1 Etro		1 Gnaph 5 mites
30B				2 Carab	4 Ants 1 Lep Larvae
40A					1 Black widow
40B				2 Pael	2 Lycos
50A					1 Thom
50B				1 carab	1 Black widow
60A		1 ELEX			2 Lycos
60B				1 Silph 1 Carab	1 Lep Larvae 1 Gnaph
70A	✓				
70B	✓				
80A					1 Therid
80B				2 Carab	
90A				1 Pael	1 Form 1 mite
90B				1 Curcu	4 Lep Larvae

opened 08 June 2007

# PITFALL TRAP DATA

N. C. G. A.

Date 12 June 2007  
Time 8:15

Pasture \_\_\_\_\_

Transect \_\_\_\_\_

Trappers

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

N. Kaplan, J. Zimmerman

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A	2 ELEX	1 EMMUL		2 THOM
800B			2 PAEL	20 FORM
810A			1 PAEL	5 GNAP
810B				1 COREID
820A			1 SCARAB	
820B			1 PAEL 1 SCARAB	1 LYCOS 1 PEDIC 1 GNAP
830A				3 FORM
830B				30 FORM 3 LYCOS
840A	3 ELEX			3 GNAP
840B			1 PAEL	3 FORM
850A	2 ELOB 1 ELEX			1 LYCOS 1 GNAP
850B				20 THRIPS ?
860A			1 SILPHID	<del>1 GRILL</del> 20 FORM
860B	1 ELEX		1 CARAB	1 GRILL
870A			9 PAEL	3 LYCOS 3 FORM
870B	1 ELEX		1 CARAB	15 FORM 1 LYCOS 1 CHRYS
880A			1 PAEL	<del>1 GRILL</del>
880B	1 ELOB		1 PAEL 1 MELOID	1 GNAP 2 LYCOS 4 FORM
890A	2 ELEX			1 GRILL 1 THOM
890B	<del>1 ELEX</del> 1 ELOB		1 PAEL 1 CARAB	
900A			1 CARAB	1 LYCOS 1 GNAP
900B			1 PAEL	1 LYCOS 20 FORM

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A	✓				
700B		1 EFX		1 SCARAB	1 GRILL 2 FORM
710A	✓				
710B		1 ELM			1 GRILL 1 UNKNOWN RED
720A		2 ELEX		1 MELOID	1 GRILL 1 LEPID LARVAE 1 GNAP
720B				1 PAEL	1 GNAP
730A		1 ELOB			1 LYCOS
730B				1 CURCU	3 FORM 1 LYCOS 1 GNAP
740A		2 ELEX			
740B		1 ELOB			1 LYCOS 1 GNAP
750A	✓				
750B		1 EFX		1 SCARAB	1 LYCOS 1 GNAP
760A	✓				
760B		2 ELEX			1 GRILL 1 GNAP 3 FORM
770A		3 ELEX		1 CARAB	3 FORM
770B				2 CARAB	4 FORM 1 GNAP
780A		1 ELEX		1 SCARAB	
780B				1 SILPHID	1 LEPID LARVAE
790A			1 EMCO	1 SCARAB	1 LYCOS 30 FORM
790B					1 GNAP

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1ELFU		2CURCU	
600B		1ELFX			20 FORM
610A		1ELFU 1ELUB	1EMCO		2LYCOS 15 FORM
610B	✓				
620A		1ELFU		1CURCU	3LYCOS 8 FORM
620B		1ELFX			
630A		2ELUB		1CURCU	
630B		3ELFX		1PAEL	20 FORM
640A		1ELOR 1ELFU? SAT.			10 FORM
640B					1GRYLL
650A				1CURCU	3FORM
650B		FLOODED IN SW AT PRESENT			1CURCU 1LYCOS
660A					1LYCOS 10 FORM
660B					10 FORM
670A		1ELFX 1EMPL	1EMPL		1LYCOS
670B		1ELFU 1ELFX		1CURCU	2GRYLL 3FORM 1LYCOS
680A		1ELOR		1CURCU	1LEPID LARVAE 1THOM
680B		1ELFU	1EMCO	1CURCU	1LYCOS 1FORM
690A		1ELFU		1CURCU	
690B		1ELHI			20 FORM

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		1 EFX			
500B					2 FORM
510A		1 EFX			1 FORM
510B					2 GNAP
520A		1 EEX		1 PAEL 1 CURCU	3 FORM
520B				1 CURCU	5 FORM 1 GNAP
530A		1 EEX		1 CURCU	7 FORM 1 LYCOS
530B					4 FORM
540A	✓	NOT OPEN!			
540B		2 EFX		1 CURCU 1 CARAB	1 GNAP
550A		1 EEX		1 CURCU	50 FORM 1 LYCOS
550B		3 EEX		1 PAEL	
560A		1 EEX			1 LEPID LARVAE
560B		4 EEX			
570A	✓				
570B			1 EMCO	1 CURCU	1 GRYPH 20 FORM 1 COREID
580A		1 ELOB			1 LYCOS 1 CHVI 50 FORM
580B		1 EOR 2 EEX		2 PAEL	1 GNAP
590A		2 ELOB 2 EEX		1 PAEL	2 LYCOS 10 FORM
590B					6 FORM

# 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 ELOB			30 FORM
400B		1 ELEX		1 CARAB	20 FORM 1 GRILL
410A		3 EEX 1 ELOB		4 CURCU 4 CARAB	1 LYCOS 5 FORM
410B		2 EEX 2 EFX			
420A	✓		.		
420B		3 EEX		1 CURCU 1 CARAB	1 LYCOS
430A		1 EEX		1 PAEL 1 CURCU	1 LYCOS 3 FORM
430B		3 EEX		1 CURCU 3 CARAB	
440A		2 EEX		1 CURCU	10 FORM
440B				2 CARAB	1 LEPID LARVAE
450A					1 FORM 1 APID
450B		1 EFX	1 EMPL	1 PAEL	10 FORM
460A				1 CARAB LARVAE	10 FORM
460B		1 EFX			3 FORM
470A		1 EEX 1 ELOB		1 CURCU 1 CARAB	
470B					1 LYCOS
480A		1 EFX			1 LYCOS
480B		1 LYCOS 2 EEX	1 EMCO		
490A		1 EFX	1 EMCO	2 CARAB 1 CURCU	2 LYCOS 2 GNAP
490B		3 EEX		1 SCARAB 1 CARAB	2 LYCOS



# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		1 ELFU			
300B					1 LEPID LARVAE
310A				1 PAEL 10	1 CHVI 10 FORM
310B		1 ELOB		1 PAEL 1 CURCU	
320A					1 GNAP 8 FORM 1 CHVI
320B			1 ASOP	1 CURCU	2 LYCOS 1 GNAP 3 FORM
330A		1 ELEX 1 ELFU		1 CURCU 1 SCARAB	
330B		2 ELEX			6 FORM
340A		5 ELEX			1 LYCOS 5 FORM
340B		7 ELEX		1 MELOID 1 CARAB 1 SCARAB	20 FORM
350A		1 ELOB 1 ELEX		2 PAEL 1 MELOID	1 LYCOS 1 GNAP
350B		1 ELEX 1 EMMUL	1 EMMUL	2 CARAB	10 FORM
360A		1 ELEX			1 RED UNKNOWN
360B		1 ELEX		1 CURCU 1 MELOID	2 LYCOS 1 LEPID LARVAE
370A		1 ELOB 1 ELFU 1 ELEX	1 EMMUL	1 SCARAB	1 GNAP
370B					1 THERID
380A		1 ELEX		1 CURCU 1 CARAB 1 MELOID	1 LEPID LARVAE
380B	✓				
390A		1 ELOB			10 FORM
390B		1 ELOB 1 ELFU		1 CURCU	10 FORM

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A				1 CARAB	
200B		3 ELOR 1 ELEX		1 PAEL	2 LYCOS
210A		1 ELEX		1 MELOID 1 PAEL	
210B		1 EHI 1 EFLU 1 ELEX	1 EMCO	1 CARAB 1 CURCU	3 FORM
220A				1 CARAB	
220B		1 EFLU			20 FORM
230A		1 ELOR		3 MELOID	1 CHV 1 LYCOS
230B					1 LYCOS
240A					1 THOM
240B		1 ELEX	1 ASPO	1 PAEL 1 MELOID 1 CURCU	2 LYCOS
250A		1 ELEX			2 LYCOS 1 FORM 3 GNAP
250B					1 GNAP 1 LYCOS
260A				1 ACRID	1 LYCOS 1 CHV
260B		1 ELEX 1 EFLU		1 PAEL	1 GNAP
270A				1 SCARAB	
270B		1 ELEX		3 SCARAB 1 PAEL	
280A				2 PAEL	1 GNAP
280B		1 ELEX	1 EMML		1 LYCOS
290A		3 ELEX			1 LYCOS 1 FORM
290B		1 ELOB 5 ELEX		1 CARAB 1 SCARAB	2 LYCOS

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

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A				2 FORM
100B			1 PAEL	1 GNAP
110A	1 EOR		1 PAEL 1 CURCU	20 FORM
110B	1 EOR		1 CURCU 1 CARAB	UNKNOWN RED
120A	✓			
120B		1 EMMA	1 MELOID	2 LYCOS 1 ANT LION
130A				1 SACT
130B	4 ELEX		1 CARAB	1 LYCOS 1 GNAP 1 LEPID LARVAE
140A				2 GNAP 1 ACARID
140B			3 PAEL	2 LYCOS
150A			1 PAEL	1 CHVI
150B				10 FORM
160A	✓			
160B			2 CARAB	1 CHVI
170A	1 ELFA		1 PAEL	1 FORM
170B			1 PAEL	1 LYCOS
180A	1 ELEX 1 ELOB		1 PAEL	1 GNAP
180B	1 BURD 4 ELEX	1 ASOP		
190A	1 ELHI			
190B	1 ELEX		1 PAEL 1 MELOID	1 CHVI

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A		1 ELPU		1 CARAB	1 GNAP 1 LEPID LARVAE
0B					1 LEPID.
10A					2 LYCOS
10B		1 ELEX			
20A					1 THERI
20B		1 ELOB		1 SCARAB	
30A			1 EMMU	1 CARAB LARVAE	1 LYCOS
30B				1 PAEL	
40A	✓				
40B				2 PAEL	2 THERI
50A					1 THERI 20 FORM
50B	✓				
60A				1 SCARAB	
60B	✓				
70A		1 ELEX		2 PAEL	1 LYCOS 1 GNAP
70B			1 EMCO		1 LYCOS
80A					1 THER
80B		2 ELEX		1 PAEL	2 GNAP 1 LYCOS
90A					1 ACARID 2 GNAP
90B		1 ELEX 1 ELRD			

Open 02 - July 2001 PITFALL TRAP DATA

Pasture 15 Trappers MDL, N. Crall  
 Transect catena 24 hr Weather clear hot

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A				1 Carab larvae	1 Lep larvae 1 Lycos
800B					1 Gnaph
810A		1 ELFU 3 ELOB			1 Lep larvae
810B		1 ELEX			3 Lycos 1 Lep larvae 1 Gnaph
820A					1 Lycos 1 Hymen
820B		1 ELEX			
830A	✓				
830B		1 ELTH 3 ELFU		2 Pael	2 Lycos 1 Form
840A			1 Emco	2 Pael 1 Carab	5 Form
840B		1 ELOB			1 Lycos
850A		1 ELFU		1 Pael	
850B		1 EL	1 Emco		
860A		2 ELEX		1 Pael	10 Formicidae
860B				1 Pael	1 Lycos
870A					1 Ther
870B					1 Lycos
880A				1 PAEL	
880B					1 Solp
890A		1 ELOR			4 Lycos 1 Lep larvae
890B				1 PAEL	
900A					1 Lycos 1 Thom
900B			1 EMPL	1 PAEL	

## PITFALL TRAP DATA

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

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A	✓			
700B			1 Curcu	1 Lycos 1 Chui 1 Gnaph
710A	1 ELEX			1 Gnaph 3 Form 1 Lycos
710B				2 Lycos 1 Form
720A				1 Gnaph
720B			1 Pael	1 Lycos 11 Form 1 Thom
730A	2 ELEX			1 Lycos
730B	1 ELFU			1 Form
740A				2 Lycos 1 Thom
740B	1 ELEX 1 ELFU			2 Lycos 1 Lep larv 1 Thom
750A	1 ELHI			3 Lycos 1 Form
750B				1 Form 1 Lycos
760A	1			1 Lycos
760B	1 ELOR 1 ELOB 2 ELFU			
770A				10 Form
770B				1 Lycos
780A			1 Curcu	2 Lep larvae 1 Hemip 1 Form
780B				1 Form
790A			1 Carab	2 Gnaph 1 Lycos
790B	1 ELEX			2 Lycos



# PITFALL TRAP DATA

Pasture \_\_\_\_\_

Trappers \_\_\_\_\_

Transect \_\_\_\_\_

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1 ELHI			20 Form 1 Gnaph
600B					4 Form
610A				1 Curcu	6 Form
610B					34 Form
620A					3 Lycos
620B	✓	1 ELFW			2 Lycos 4 Form
630A		3 ELFW			1 Gryllac 1 Lycos 1 Gnaph
630B				1 Pacl	1 Lycos 6 Form
640A	✓				
640B		3 ELFW		1 Meloid	1 Form
650A		1 ELOR 1 ELEX 1 ELOB		1 Scarab 1 Carab	5 form
650B		flooded + Rotten			
660A					3 Form 1 Lycos
660B				1 Pacl	9 Form
670A				1 Curcu 1 Meloidae	1 Lycos 2 Form
670B					8 Form
680A				1 Curcu 1 Carab	3 Form
680B		1 ELOB			1 Form
690A					1 Form
690B		1 ELOB			6 Form

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A					1 Lycos 3 Form
500B		1 ELOB 1 ELEX			2 Lycos
510A		1 ELOB 1 ELFU		1 Carab	
510B	✓				
520A		1 ELFU 11	1 EMPL		1 Form
520B		1 ELEX			3 mites
530A		1 ELEX			16 Form 1 Vesp.
530B					10 Form
540A					31 Form 1 Thom
540B					1 Gnaph
550A		1 ELEX			1 Form
550B					2 Lycos 1 Gnaph
560A					1 Lycos
560B		1	1 EMPL		
570A	✓				
570B		3 ELOB 1 ELEX			1 Gnaph 1 Form
580A				1 Ceram	1 Lycos 2 Form
580B		1 ELOB			1 Solph 5 Form 1 Lycos
590A					20 Form
590B					11 Form

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A	✓				
400B		1 ELHI			4 Form
410A		1 ELHI			4 Form
410B		1 ELOR			5 Form 1 Lycos
420A	✓				
420B		2 ELFU			1 Lycos
430A		2 ELDB 1 ELFU 1 ELHI			
430B		2 ELFU			
440A					2 Form
440B					13 Form
450A		3 ELFU			15 Form
450B				1 Pacl	1 Lycos
460A		1 ELFU			1 Lycos
460B		2 ELFU			1 Lycos 13 Form
470A					1 Lycos
470B				1 Ceram 1 Pacl	
480A					1 Lycos 2 Form
480B	✓				
490A					1 Lycos
490B				1 Pacl	1 Gnaph 1 Lycos 4 Form

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		1 ELEX			5 Form
300B		1 ELEX 1 ELFU	EMCO		1 Hemip
310A		1 ELEX			5 Form 1 Chui
310B		1 ELOR			1 Hemip 4 mites 1 Gnaph
320A		1 ELEX			2 Gnaph 1 Chui
320B			1EMPL		1 Lycos 1a Form
330A		1 ELFU			1 Gryll
330B		5 ELPU 1 ELEX		1 Scarab	
340A		2 ELFU			1 Form
340B		1 ELEX 1 ELFU			1a Form
350A					2 Lycos 1 Form 1 Gnaph 18 Form
350B		1 ELFU			1 Lycos 1 Lep Larvae 1 Thom
360A		1 ELFU			
360B	✓				
370A				1 Pacl	
370B				1 Pacl	
380A		1 ELOR 1 ELFU		2 Carab	1 Gnaph
380B		1 ELOR		1 Pacl	
390A					1 Gnaph 1 Form
390B		1 ELFU			35 Form

## PITFALL TRAP DATA

Date 6 July 01 Pasture 15 Trappers MOL, NCRALL  
 Time 10:35 Transect Catena 24 hr Weather Clear Hot

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		ELOB		CARB	MUTIL UESP-2
200B		ELOBscor.		CHUI	FORM-12
210A		ELEX(2) ELFU			LYCO
210B		ELFU ELOB ELEX			THOM CORET LARV(2)
220A		ELOB	EMMU(4)		6 FORM
220B		ELOB(3) ELEX 2		CARAB	LYCO(2) FORM(3) GNAPH LARV
230A				CARAB	
230B					GRYAC
240A		ELFU ELEX(2)			LARV
240B					SOLPH FORM(2)
250A					LEPID
250B				CERAM(2)	GNAPH
260A			EMMU		LYCO(2) GNAPH
260B					FORM(10)
270A		ELHI			SOLPH LARV
270B				CARAB(Larva) CHUI	LAR
280A		ELFU ELEX	ASPO		SOLPH
280B		ELOB ELFU			
290A			EMPL		SOLPH
290B					SOLPH FORM(6)

## PITFALL TRAP DATA

Date 6 July 01 Pasture 15 Trappers MAL N. CRALL  
 Time 0930 Transect catena 24 hr Weather Clear HOT

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A	X				
100B		ELEX		PAEL, Carab	GNAPH LYCO
110A				PAEL	GNAPH LYCO FORM
110B		ELFU BLOB(2)			THOM FORM(2) GNAPH-2 MULTI
120A		ELEX			
120B				CARAB	
130A	X				
130B				CARAB	FORM
140A		ELEX		PAEL CARAB(2)	LYCO
140B		ELFU ELEX		PAEL CARB	LYCO
150A		ELFU(2)		CHUI -	LYCO(10) GNAPH(2)
150B					LYCO
160A	X				
160B	X				
170A				(3) PAEL	
170B		ELEX (3)			FORM(2) GNAPH SOLP LARV UESP
180A			unk	CARAB	SOLP FORM THOM
180B				CURCU	GRYLL FORM 4
190A				chui -	chui -
190B					FORM LARV



# PITFALL TRAP DATA

Date 6 July 01 Pasture 15 Trappers MDL N. Crall  
 Time 0900 Transect Caten 24 hr Weather Clear Hot

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A		ELEX		CARAB	G
0B					GNAPH
10A		ELOR			
10B		ELEX	ETRO	Curcu CARAB	LYCO FORM
20A					GNAPH FORM
20B		ELEX			THOM
30A					THER
30B		ELOR		CERAM	THOM FORM
40A		ELEX			GNAPH ACRID FORM
40B	X				
50A				CARAB	<del>GNAPH</del> G FORM
50B					LYCO Odontata larvae
60A				CARAB (PABL)	LYCO
60B					LYCO
70A		ELFU		CERAM	LYCO FORM 3
70B		ELEX 5 ELFU			LYCO GNAPH
80A					LYCO
80B		ELFU 2 ELOB ELEX 2			THOM GNAPH
90A		ELEX ELFU			LYCO
90B	X				

open 06 Aug 2001

## PITFALL TRAP DATA

Date 10 Aug 2001

Pasture

15

Trappers

N. Kaplan, B. Brown, G. Litter

Time 9:00

Transect

24 hr Weather

60-70's day time, 18-19

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 ELOR		1 CARAB	1 LYCOS 1 FORM
800B					1 LYCOS 1 COLEI
810A		1 ELOB			1 LYCOS
810B					1 LEPID LARVAE
820A		1 ELFU 4 ELOB 1 ELHI	1 ELHI	1 MELOID	
820B		4 ELOB 3 ELEX	1 ELHI	1 MELOID	2 LYCOS 1 GNAP
830A		3 ELOB 1 ELEX			1 GNAP
830B		3 ELFU 1 ELHI 1 ELOB			1 FORM
840A				1 PAEL	1 LYCOS
840B		1 ELOB			1 THER 1 THOM 1 FORM
850A		1 ELFU			1 LYCOS
850B	✓				
860A		1 ELEX	1 EMMA		
860B		1 ELOR 1 ELFU			1 THOM 1 GNAP
870A		1 ELHI		1 PAEL	1 LYCOS 30 FORM
870B		4 ELEX			1 LYCOS
880A		2 ELFU		1 PAEL	
880B		8 ELOB 2 ELHI	2 ASPO		1 ACRID 1 LYCOS
890A		1 ELEX 1 ELOB	1 ASPO	1 CERAM	1 LYCOS 1 FORM
890B		1 ELEX		1 PAEL	1 LEPID LARVAE 1 THOM
900A					1 THER
900B				1 CURCU	5 FORM

## PITFALL TRAP DATA

Date 10 Aug 2001  
Time 9:00Pasture 15  
Transect           Trappers N. Kaplan B. Brown G. Riker  
24 hr Weather 60-70s - daytime  
high

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		1 ELOB			1 LYCOS 1 LEPID LARVAE
700B			1 ASOP	1 CURCU	1 LYCOS 1 LEPID LARVAE
710A				1 CURCU	1 THERI
710B		2 ELOB 1 ELHI			1 LYCOS 1 FORM
720A	✓				
720B					1 LYCOS 1 GNAP
730A		1 ELHI		1 MELOID	1 LEPID LARVAE
730B					1 THERI
740A		1 ELOB 1 ELEX		1 CURCU	
740B				1 MELOID 1 CURCU	5 FORM
750A		4 ELEX		2 MELOID	1 POOC
750B				1 CARAB	10 FORM 1 LYCOS 1 POOC
760A		3 ELEX			
760B		1 ELEX		1 CURCU	1 THERI 1 THOM
770A		6 ELEX 1 ELOB			
770B		7 ELHI		1 PAEL	15 FORM
780A		1 ELEX			1 LYCOS
780B		3 ELHI 1 ELOB			1 GRYPH 1 ACRID 1 LYCOS 1 POOC
790A				2 MELOID	1 GRYPH
790B		1 ELOB	1 EMCO	1 MELOID	1 POOC

# PITFALL TRAP DATA

Date 10 Aug 2001  
Time 9:00

Pasture 15  
Transect \_\_\_\_\_

Trappers N. Kadan, B. Brown  
24 hr Weather 65-75s day like high

G. Riker

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		2 ELOB 2 ELEX	1 ASOP	1 CURCU 1 LARVAE	1 THOM. LYCOS
600B		1 ELOB			20 POOC
610A					20 POOC
610B		1 ELOB		1 CARAB	1 LYCOS 12 POOC
620A					2 FORM 1 ACRID
620B		1 ELOP 5 ELOB		1 CURCU	2 POOC 1 LYCOS
630A				2 CL	2 LYCOS 2 POOC 1 THERI 1 LEPID LARVAE
630B		1c	1 ASOP	1 CARAB	1 GNAP 1 ACRID (VESICULA)
640A		1 ELEX	1 ENTR	2 CARAB	
640B		1 ELEX 2 ELOB	1 ASOP	2 CARAB	1 GNAP 1 NYMEN
650A		3 ELEX		3 CARAB 1 MELDID	5 POOC 1 APID
650B				1 CURCU 2 CARAB	1 APID 3 FORM
660A					6 FORM 1 NYMEN 1 LYCOS
660B		1 ELOB			1 APID 10 FORM
670A					1 LYCOS 1 NYMEN
670B				1 CARAB 1 CURCU	1 GNAP 2 LYCOS 1 APID 1 GRVAC 2 AMPHYD
680A		1 ELOP			1 ACRID 5 POOC
680B		1 ELOP		1 CURCU 1 CARAB	1 APID 10 FORM 1 LYCOS 1 GNAP
690A	✓				
690B		1 ELEX			1 LYCOS 1 FORM

## PITFALL TRAP DATA

Date 10 Aug 2001  
Time 9:00Pasture 15  
Transect \_\_\_\_\_Trappers N. Kaplan B. Brown C. Rother  
24 hr Weather 100-72.5 day time highs

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		1 ELOB			3 POOC
500B		2 ELOB			1 POOC
510A		1 ELOB		1 CARAB	1 LEPID LARVAE
510B				1 PAEL	
520A					1 THERI 2 POOC
520B					15 POOC
530A		1 ELOB		3 CURCU	4 POOC
530B				2 MELOID	10 POOC 1 LEPID LARVAE
540A		1 ELOR			
540B				2 CURCU	1 POOC
550A		1 ELOR 1 ELOB			1 LYCOS
550B		1 ELOB		1 CURCU	1 LEPID LARVAE
560A		4 ELOB		1 CARAB	1 LYCOS 4 FORM 1 LEPID
560B		2 ELOB 1 ELFU	1 ASOP		
570A		2 ELOB	1 ASOP		1 LEPID LARVAE 1 GNAT
570B		2 ELOB			
580A		1 ELOB		1 CURCU	2 FORM
580B	✓				
590A		1 ELOB		1 CURCU 3 CARAB	1 LYCOS 10 FORM
590B		2 ELOR 2 ELFU		2 CARAB	10 POOC

## PITFALL TRAP DATA

Date 10 Aug 2001 Pasture 15 Trappers N. Kaden, B. Brown, G. Ritter  
 Time 9:00 Transect \_\_\_\_\_ 24 hr Weather 60-70s day time highs

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A			1 ASPO		1 POCC
400B			1 ASOP		1 FORM 1 LYCOS
410A		1 ELEX			1 THERI 20 FORM
410B		2 ELEU 1 ELEX	1 ASOP 1 GUSO		3 LYCOS
420A		1 ELOR		1 CARAB 1 MELOID	30 FORM
420B		1 ELEX			
430A					1 LYCOS
430B		2 EL0B			1 COREID
440A					1 LYCOS 1 FORM
440B				1 CURCU	1 THERI 10 FORM 1 LEPID LARVAE
450A	✓				
450B		1 ELEX 1 EL0B			
460A		1 ELEX			
460B		1 EL0B 1 ELEU			
470A					1 THERI 8 FORM
470B		1 ELOR		1 CARAB	
480A		2 EL0B		1 CURCU	1 THERI 1 GRAC 2 FORM
480B					5 POCC
490A				1 CURCU	4 FORM
490B		NOT OPEN			



## PITFALL TRAP DATA

Date 10 Aug 2001  
Time 9:00

Pasture

15

Transect

Trappers N. Kaplan, B. Brown, G. Rinker  
24 hr Weather 60-70s daytime  
high

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		2 ELEX	1 <del>AMMU</del>	1 CURCU 1 SCARAB	1 APID 1 POOC
300B		1 ELOB	1 ASOP		1 LYCOS
310A		2 ELEX 1 ELOB			2 LYCOS
310B			1 ASOP		1 LYCOS 1 LEPID
320A		2 ELOB			
320B		2 ELOB 5 ELEX	1 ASOP 1 <del>ELTR</del>	1 CERAM 1 CARAB 1 MELOID	
330A		3 ELOB 2 ELEX	1 ASOP 1 <del>ELTR</del>	1 CARAB 1 CURCU	
330B		4 EEX 1 ELOB			3 POOC
340A		1 ELOB 2 ELOB		1 CARAB	1 POOC 1 GRYP
340B				2 SILPHID	50 POOC 2 COCID
350A		1 ELEX 1 ELOB			1 LYCOS 3 POOC
350B		2 ELEX 1 ELOB		1 CARAB	2 LYCOS
360A			1 ASOP		1 GRYP
360B		1 ELOB 1 ELEX	1 ASOP	1 CARAB	15 FORM
370A				2 CARAB	
370B		1 ELOB	1 <del>GRYP</del> 1 ASOP		1 LYCOS
380A	✓				
380B		1 ELOB	1 ASOP	1 CARAB	1 LYCOS
390A		1 ELOB		1 CARAB	
390B		2 ELOB 3 ELOB		4 CARAB	5 FORM 1 LYCOS

## PITFALL TRAP DATA

Date 10 Aug 2001 Pasture 15 Trappers N. Kaplan B. Brown CRITERIA  
 Time 7:00 Transect \_\_\_\_\_ 24 hr Weather 60-75° day time highs

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		1ELOR 1ELEX 1ELOB	1ELTR		5GRYAC 1LYCOS
200B			1ASOP		
210A		1ELEX			2GRYAC
210B		1ELEX			
220A		1ELEX	1ASOP		1GRYAC 1POC
220B		1ELOR 4ELEX	1EMMU 1EMCO		2GRYAC
230A		1ELEX	2EMCO	1LARVAE 1CARAB	
230B		1ELFU 1ELOB			3GRYAC 6FORM
240A		1ELEX 2ELOB			1LYCOS
240B		1ELEX 1ELOB			
250A		1ELEX			1LYCOS
250B		1ELOB	1ASOP	1CARAB	
260A		1ELOR	1EMMU		1HYMEN
260B		1ELOB	2ASOP	2LARVAE	2
270A		3ELEX 2ELFU			1HYMEN
270B			1EMCO 1ELTR		1HYMEN
280A		3ELOR 1ELEX 4ELOB	1ASOP 1ASPO 1GLSB		2GRYAC 1LYCOS 2GNAP
280B			1EMMU		5POC 1LEPID LARVAE
290A		3ELOB	1ASOP		1HYMEN
290B		3ELFU			2POC

## PITFALL TRAP DATA

Date 10 Aug 2001 Pasture 15 Trappers N. Napan, B. Brown GRH  
 Time 9:00 Transect \_\_\_\_\_ 24 hr Weather 00-70s daytime  
high

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		5 ELEX 1 ERO 2 ELOB		1 CURCU	1 LEPID LARVAE
100B		1 ELO 6 ELOB		1 CURCU	
110A		2 ELOB 1 ELEX		1 CURCU	1 LYCOS 1 PDOC
110B					1 THERI 1 THOM 1 LYCOS
120A		3 ELO 2 ELEX 2 ELOB			1 GNAP
120B				1 LARVAE	
130A					1 GNAP
130B	✓				
140A		3 ELEX	1 EMMA 2 ELO	2 CARAB (1 PAEL)	1 LYCOS 1 HYMEN 1 PENTA
140B		2 ELOB	1 ASOP	2 CARAB	1 GNAP
150A				1 PAEL	1 PDOC
150B		1 ELEX 1 ELOB			1 GRAC 1 LEPID LARVAE
160A				3 CARAB 1 CURCU	
160B				1 PAEL 1 LARVAE	1 GNAP
170A					1 GNAP
170B		2 ELOB 5 ELEX	2 ASOP	1 CARAB	
180A		2 ELOB 1 ELEX 3 ELO	1 EMMA	3 LARVAE 1 CURCU	
180B		3 ELEX 1 ELOB	1 ASOP		1 HYMEN 1 GRAC
190A		1 ELEX		2 CARAB	1 SOLIDUG (DA) (wind scorpion)
190B	✓				

## PITFALL TRAP DATA

Date 10 Aug 2001 Pasture 15 Trappers N. Kaplan, B. Brown, J. Riker  
 Time 7:00 Transect \_\_\_\_\_ 24 hr Weather 100-90s day time  
ABHS.

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A					1 LYCOS
0B					1 ABEIDAE / (robber fly)
10A		5 ELOB			2 POOC
10B		1 ELOB	1 ASPD	1 CARAB	1 LEPID LARVAE
20A		1 ELEX 3 ELOB	2 ASPD	3 CARAB	1 LEPID LARVAE
20B		1 ELOB 1 ELEX			
30A				1 CARAB	
30B		3 ELOB		1 CARAB	
40A		NOT OPEN			
40B					
50A	✓				
50B		1 ELOB			1 THERI 1 PENTA
60A		3 ELOB			1 POOC
60B		1 ELOB 1 ELEX			
70A		1 ELOB			1 LYCOS
70B		2 ELOB 1 ELEX		2 CARAB	1 LYCOS
80A		2 ELOB 1 ELEX		3 CARAB	1 PENTA
80B		3 ELOB			1 LYCOS
90A		3 ELEX 1 ELOB		2 CARAB	1 LYCOS
90B		3 ELOB 2 ELEX			1 LYCOS

Open 10 Sept 2001

## PITFALL TRAP DATA

Date 14 Sep 01 Pasture 15 Trappers P. Stapp  
 Time 8:10 AM Transect Catena 24 hr Weather Clear, trace last night

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 ELOB 1 ELOR			1 GRYAC (field cricket)
800B		2 ELOB		1 Meloid	1 Sol/Augid 2 lg Lycosids 2 Thomisid 1 Gnaph
810A		1 ELOB			1 lg Lycosid (grey)
810B		1 ELOB		1 Curcul	
820A		1 ELOB		1 Carab. (med) 1 PAEL (carab.)	1 Hemiptera
820B		5 ELOB	3 GLSD	1 Carab.	
830A					1 lg brown Lycos.
830B		7 ELPU 1 ELOB			1 lg grey Lycos 1 Gnaph
840A		2 ELOB			1 lg Lycosid
840B					1 sm bee (APID)
850A	✓				
850B	✓				
860A				1 Orange-black MELOID	2 Hemiptera (REDUV) 1 sand crick (GRYAC)
860B				2 sm 1 med } CARAB	
870A					1 Sm. Lycos. spider
870B		1 ELEX			several small orange ants
880A		1 ELEX			
880B				1 medium Carab.	1 Lycos. spider
890A		1 ELPU 1 ELOB	1 ASOP	2 carab. 1 lg Curcul	1 sm Clerid
890B		3 ELOB			
900A		1 ELPU 1 ELOB	1 ASPO		
900B		1 ELEX 2 ELOB	1 GLSD 1 EVCD (check)	1 Carab.	1 sand GRYAC

DRIFT FENCES NEED MAINTENANCE

# PITFALL TRAP DATA

Date 14 Sep 01 Pasture 15 Trappers P. Stepp  
 Time \_\_\_\_\_ Transect CATENA 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		2 ELOB			
700B		2 ELOB		1 CURCU	1 LYCO
710A					1 LYCO
710B		1 ELOB			1 GRYPAC 1 LYCO
720A					1 LEPID (moth) spider web
720B					1 LEPID (moth) 1 GEOLYCOSID spider
730A				1 med CARAB	1 lg GNAPH
730B					1 GRILL 1 LEPID 1 misc spider (moth)
740A		1 ELEX 3 ELOB		1 MELOID 1 CARAB	
740B		1 ELOB		3 CURCU (black)	3 HYMEN (SPHECIIDAE) (orange-black wasp)
750A				2 med CARAB	1 SALT
750B		4 ELOB 1 ELEX		2 med CARAB 2 sm CURCU	1 lg GNAPH
760A		1 ELEX			
760B					1 GNAPH 1 LEPID-LARV
770A				1 CURCU (lg) 1 CARAB	1 LYCO 1 GRILL 1 LEPID (moth) many FORMICA
770B				1 CARAB	1 GRYPAC
780A					1 HEMI P many ants
780B		1 ELEX 1 ASPO	1 ASPO		
790A		3 ELOB		3 med CARAB	1 LYCO 2 GNAPH
790B				1 CURCU	1 THOR (widow)

# PITFALL TRAP DATA

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 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		1 ELOB			1 Lyco
600B		6 ELOB 1 ELEX 1 ELFH		2 CURCU 1 sm green	1 Lyco
610A			1 ASPD		
610B				1 CURCU 1 CARAB	2 Lyco
620A		1 ELOB			
620B		1 ELOB		1 med CARAB	
630A	✓				
630B		3 ELOB		2 CURCU	
640A		1 ELOB	1 BO CA	2 CARAB (med)	
640B				1 CURCU	
650A	✓				
650B				1 CURCU 1 CARAB (med)	1 GEO LYC SID (HUGE!) 1 APID 1 GRAC
660A		2 ELOB		1 CURCU 1 CANTHAR 1 HISTER 1 CARAB 1 ELYTR	3 GRAC 1 GRYL 1 sm LYCO
660B		2 ELOB		1 CARAB	1 GRAC
670A		1 ELOB		1 CURCU 1 CLEVID?	1 APID 1 GRYL
670B	✓				
680A				1 CURCU	1 Lyco
680B		1 ELEX 1 ELFH		6 CURCU	
690A					1 Lyco
690B			1 EMCO		1 Lyco 1 THER (widow)

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Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A			1 ASOP	1 lg CARAB (collected)	
500B				1 CARAB	
510A		2 ELOB		5 CARAB 1 CURCU	
510B		2 ELOB		1 CURCU	
520A		1 ELOB	1 EMCO	1 CURCU	1 GEOHYCINID
520B		1 ELOB		2 CARAB	many FORMICA
530A		2 ELOB 1 ELFU	1 ASOP	1 CURCU	
530B		1 ELOB		2 CURCU 1 CARAB (PAGL)	
540A					1 THER (widow)
540B				2 CURCU	
550A		1 ASPO	1 ASPO		1 THER (striped) widow
550B		3 ELOB	1 ASPO	1 CURCU 1 CARAB	1 GRYAC 1 GNAPH
560A					1 GNAPH 1 LEPID
560B		2 ELOB		1 CURCU 4 med CARAB	1 VESP
570A				1 CURCU 1 CARABID	widow web 1 GRYAC
570B		1 ELOB	1 BOCA	3 CURCU 1 sm CARAB	1 MUTILL 1 APIO
580A		5 ELOB	1 EUCO 1 ASPO	1 CURCU 2 med CARAB	
580B		2 ELOB		2 sm CARAB	1 LEPID (Sphinx moth) 1 sm GNAPH
590A		2 ELOB			1 GRYAC 1 LEPID 1 SPHECIDAE
590B		1 ELOB		1 med CARAB 1 CURCU	1 LYCO 1 GRYAC



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 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		3 ELOB	3 BOCA		
400B					2 LYCO
410A		8 ELOB		3 CARABID 1 CURCU	2 LYCO
410B				1 CURCU 1 CARAB	2 THER (striped widow)
420A		1 ELOB	1 BOCA	2 CARAB 3 CURCU	
420B		2 ELOB		2 PANTHARID	
430A		2 ELOB			1 LYCO many FORMICA
430B		1 ELOB 2 ELFW	1 BUCCO 1 ASPD	2 CURCU	1 LYCO
440A		1 ELOB	1 ASPD	2 CURCU	1 LEPID (moth)
440B				1 CURCU	1 ANTLION
450A		3 ELOB		1 CURCU	1 GEOLYCOSID 1 GRILL
450B		3 ELOB		1 CURCU	1 GRAC
460A					1 THER (striped widow) 1 LEPID (moth)
460B		5 ELOB		2 CURCU 1 CARAB	1 MANTIS
470A		6 ELOB		1 PANTHARID	2 LYCO
470B		1 ELFW 1 ELOB		1 CURCU	
480A	✓				
480B		1 ELHI			2 LYCO
490A			1 BOCA	3 CURCU 2 CARAB	1 LG LYCO 1 MUTIL
490B		1 ELOB		1 CURCU	1 GEOLYCOSID

## PITFALL TRAP DATA

Date 14 Sep 01 Pasture 18 Trappers P. Stapp  
 Time \_\_\_\_\_ Transect catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		6 ELOB		1 CANTHARID 2 CURCU	1 SOLPUGID
300B		1 ELOB		2 med CARAB 1 CURCU	1 MUTIL
310A		4 ELOB	1 ASPO 1 GLSO	2 sm CARAB 3 CURCU	1 LEPID (moth)
310B			1 ASPO	3 med CARAB 1 SCARAB (Cremastochetus)	1 MANTID
320A		3 ELOB	1 tiny knob (BLAP)		
320B		1 ELOB		1 sm CARAB	1 LEPID (moth) 1 LYCO
330A		1 ELFU 1 ELOB		1 CURCU	many FORMICA
330B		1 ELFU 1 ELOB	1 ASOP		
340A		1 ELOB	1 EMMU	1 CURCU	
340B		1 ELOB 1 ASOP	1 ASOP		1 LYCO
350A		1 ASOP	1 ASOP	2 CARAB (med) 1 CURCU	many FORMICA
350B		2 ELFU 1 ELFU 12 ELOB	1 EUCO 2 ASOP	8 med CARAB	1 MUTIL
360A		1 ELFU 1 ELOB	1 ASPO	1 med CARAB 1 CURCU	2 small GNAPH 1 SKINK (sm) 1 SALT
360B		7 ELOB		2 sm CARAB 1 CURCU	1 HEMIP (PENT) 1 MUTIL
370A					1 GEOLYCOSID
370B		1 ELOB		2 med CARAB	
380A		6 ELOB	1 BOCA 1 EUCO	1 Lg CARAB 1 med CARAB	1 MUTIL
380B				2 CARAB 1 CURCU	1 MUTIL
390A		17 ELOB		5 CURCU 1 CARAB	
390B		12 ELOB		4 CURCU	1 LYCO 1 GNAPH 1 MUTIL

# PITFALL TRAP DATA

Date 14 Sep 81 Pasture 18 Trappers P. Stapp  
 Time \_\_\_\_\_ Transect Catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A			1 ASOP 1 tiny CBLAP)	1 med CARAB 1 CURCU	3 GRAYAC 1 HEMIP 1 THOM (REDUV)
200B		1 ELHI	2 GOEL		2 GRAYAC 3 HEMIP 1 THOM
210A		1 ELHI 2 ELFU 1 ELOX	1 ASPO	3 med CARAB	1 APIO (bumble bee) 1 SALT
210B				4 CARAB	1 HEMIP (GREG) 1 THOM 1 SOLUGID
220A		1 ELOR		1 MELOID 1 tiny 3 CARAB UNK beetle	1 SKINK (Ad) 1 HEMIP 1 SALT (REDUV) 1 sm GNAPH 1 HEMIP
220B		2 ELOB		1 carab	4 GRAYAC 1 MUTIL (Larv) 2 LYCO 1 HEMIP (REDUV)
230A		9 ELOB	1 EUCO	2 carab	2 sm GNAPH 1
230B		1 ELTR 4 ELOB	2 ASOP	1 CINC 1 CANTH 1 CURCU	2 HEMIP (REDUV) 1 APIO
240A		5 ELOB		1 SCARAB (collected) 3 CARAB	1 ANT LWN
240B		3 ELOB	1 BOCA	2 med CARAB	2 LYCO
250A		1 ELOB			1 HEMIP 2 GRAYAC
250B		3 ELOB	1 GOEL 1 BOCA 1 EUCO	1 CARAB (med) 1 CURCU	1 MUTIL 1 LEPID-LARV 1 LYCO
260A		4 ELOB	1 ASOP	3 CARAB (med) 1 MELOID	2 sm spiders
260B			1 ASPO	1 med CARAB	
270A		3 ELOB	3 ASOP 1 tiny teneb (BLAP)	2 CARAB	1 THER (striped widow) 1 ACRIDIDAE - slope. found
270B					1 BUOW scat/pellet
280A		1 ELOB		1 med CARAB	
280B					1 sm THER
290A			2 ASOP		1 LEPID-LARV
290B		1 ELOB		1 med CARAB	1 SALT

# PITFALL TRAP DATA

Date 14 SEP 01 Pasture 15 Trappers P. Stapp  
 Time \_\_\_\_\_ Transect catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		2 ELOB		2 CURCU 3 CARAB 10 (med)	1 LEPID-LARV
100B				2 CURCU 2 CARAB (med)	
110A		6 ELOB		1 CARAB 2 CURCU	1 SALT
110B		2 ELOB		1 MELOID 1 CURCU 2 CARAB	1 HEMIIP (GORE)
120A			1 EUCO		1 SOLPUGID
120B				1 MELOID 1 CARAB 2 CARAB 10 (Trax)	1 GRYAC
130A		1 ELOR 1 ELOB 1 ELEX			
130B			1 EUCO		1 GRYAC 1 sm gran MELOID-LARV APID
140A		2 ELOB		2 CARAB	1 SALT
140B		4 ELOB		1 CURCU 2 CARAB	1 SALT 1 MUTIL 1 GNAPH 1 Echelemonidae
150A					1 GRYAC
150B		5 ELOB			
160A		1 ELFU 1 ELOR		1 med CARAB	1 THER (widow)
160B		1 ELOB	2 tiny (BLAP)		
170A				1 CURCU 1 sm CARAB	1 HEMIIP (REDUC)
170B		1 ELOB		2 med CARAB	2 THOM
180A		2 ELOB 1 ELTR	1 ASOP	4 med CARAB 1 MELOID	1 THOM 2 GRYAC
180B		1 ELOR		1 CARAB	1 THER
190A		1 ELTR 1 ELOB	1 ASOP 1 BLAP 1 EUCO (collected)	2 med CARAB	1 NANTO 2 GRYAC
190B		2 ELOB 1 ELEX	1 ASOP	1 med } CARAB 1 sm }	2 GRYAC 1 big 1 SALT Spider

## PITFALL TRAP DATA

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 Time \_\_\_\_\_ Transect catena 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A					1 Lyco
0B		4 ELOB		1 med CARAB	1 Lyco (sm)
10A		2 ELOB			1 APID 1 CHRID (hopper)
10B				1 CURCU	1 THER (striped widow)
20A		1 ELOB	1 GLSO		1 THER (striped widow)
20B		7 ELOB	1 GLSO	1 med CARAB	1 Lyco 1 HEMIIP (creeper)
30A					1 THER (sm)
30B		1 ELHI	1 EDRO (fuzzy)	2 med CARAB	1 LYCO 1 MUTIL 1 Lepid-Larv
40A	✓				widow web
40B		1 ELOB		1 CARAB	1 LYCO 1 LG THER (widow)
50A					1 ANTIION LARV
50B					1 LG THER (widow)
60A		3 ELOB			1 MANTID
60B		1 ELOB		1 CURCU 1 CANTHARID	1 THER (striped widow)
70A		1 ELOB			1 THER (striped widow)
70B			1 ASPO	1 HISTER	1 P. SALT 1 LEPID-LARV
80A		3 ELOB		1 CURCU 1 med CARAB	1 THOM
80B		1 ELOB			
90A	✓				
90B			1 EUSC	1 CLEPID 2 MELOID 1 med CARAB 1 UNK	1 LYCO