

PITFALL TRAP DATA

7 May 1999
11:48Pasture 15 - Catena
TransectTrappers Nicole Greider
Mark Linkerhart Laurel Hart
24 hr Weather 3 May - 16 May very windy
7 May - clear, breezy

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A				2 CARAB	1 GRILL 1 ACRID
800B					2 ACRID
810A		1 ELEX			1 LEPID LARVAE
810B					1 GRILL 1 ACRID
820A					1 FORM
820B					1 LEPID
830A					1 ACRID 1 ICHN
830B	✓				
840A					1 GRILL
840B				1 CARAB	
850A					1 LYCO
850B				1 MELO 1 CARAB	1 ACRID 1 DIPT
860A					1 GRILL
860B				1 Chrysomellidae 1 CURCUL	1 ACRID
870A					1 LYCO
870B	✓				
880A					1 LYCO 3 ACARINA
880B		2 ELEX			2 LYCO 2 THOM 10 ACARINE
890A					1 ACRID
890B		1 ELEX			2 GRILL
900A					1 LYCO
900B		1 ELOB			

PITFALL TRAP DATA

Pasture _____

Trappers _____

Transect _____

24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A					1 LEPID LARVAE
700B			1 EUCO		1 ACRID 1 LEPID LARVAE 1 POOC 1 THERI 2 ACARINA
710A		1 ELEX			20 POOC
710B	✓				
720A		1 ELEX 1 ELEX			4 GNAP
720B		1 ELEX	1 ETRO	1 CURCU 3 CARAB	1 FORM
730A		1 ELEX 2 ELOR			
730B					1 ICHNL 6 POOC
740A		9 ELEX			2 MITES 1 THOM 2 LYCO 1 GNAP
740B	✓				
750A	✓				
750B					1 FORM
760A		2 ELEX			1 LEPID LARVAE
760B		1 ELEX			1 FORM
770A		1 ELEX			9 POOC
770B					2 POOC 1 LEPID LARVAE
780A		2 ELEX			1 GNAP 2 THOM
780B				1 CURCU	
790A				1 CARAB	1 FORM 1 THOM
790B		2 ELEX			5 FORM 1 GNAP 2 GRYL

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A	✓				
600B		1 ELOB			2 POC
610A		4 ELFW			20 POC
610B				1 CURCUL	
620A					20 POC 1 LYCO
620B	✓				
630A					1 POC
630B				1 CINC	
640A		1 ELRO			
640B					1 ACRID
650A	under water				
650B					
660A					
660B					
670A					
670B					
680A		2 ELX		1 CURCUL	1 THOM 1 GNAP
680B			1 EUCCO		5 FORM
690A	✓				
690B				1 CURCUL	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
500A	✓				
500B		1 ELOB			1 THOM 1 LEPID LARVAE
510A		1 ELEX		1 CURCU	1 LEPID LARVAE
510B				1 CARAB	1 ACRID 1 LYCO
520A				1 CARAB	2 THOM 2 FORM 1 LYCO 1 LEPID LARVAE
520B	✓				
530A					1 THERI
530B				1 SCARAB 1 CURCU	
540A	✓				
540B		1 ELEX		1 CURCU	1 LYCO
550A					1 LEPID LARVAE
550B				13 CURCU	1 LEPID LARVAE 1 THOM
560A					1 LYCO
560B	✓				
570A				2 CARAB	1 THERI (IMMATURE)
570B		3 ELFW		2 SILPH	
580A				2 CARAB	
580B					1 ACRID
590A	✓				
590B		1 ELOB			

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			20 POOC
400B					1 THERI 1 ACRID
410A	✓				
410B		1 ELEX			2 POOC
420A	✓				
420B		1 ELEX			10 POOC 1 APID
430A					6 POOC
430B		1 ELEX			3 POOC
440A					16 POOC 1 ACRID
440B				1 CINC	5 POOC
450A	✓				
450B				1 CARAB	1 APID 1 GNAP 1 LYCO
460A				3 CARAB	1 ACRID 3 THOM 2 LYCO
460B					2 THOM 1 LYCO
470A					1 LYCO 2 THOM
470B	✓				
480A					3 FORM
480B	✓				
490A				1 SCARAB	1 LEPID LARVAE
490B					1 LEPID 1 THOM

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 LEPID LARVAE 1 THOM
300B				1 CARAB	1 LYCO 2 FORM
310A	✓				
310B	✓				
320A		1 ELFW			1 LEPID LARVAE 1 CHV (cactus bug)
320B		1 ELEX 1 ELFW			
330A				1 SILPH	3 POOC
330B				2 CARAB	2 POOC
340A	✓				
340B					1 LEPID LARVAE
350A		1 ELFW			1 REDU
350B	✓				
360A					2 GNAT 1 GRILL 2 LEPID LARVAE
360B	✓				
370A					1 ACRID
370B	✓				
380A		1 ELEX		1 CARAB	
380B	✓				
390A					2 POOC
390B					1 LEPID LARVAE

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 ELFW			1 LYXO
200B		1 ELEX			2 LYXO 1 GRAC
210A	✓				
210B					1 THERI 1 GNAP 1 ACRID
220A	✓				
220B					
230A	✓				
230B	✓				
240A				1 CURCU	
240B					1 CHVI 1 FORM
250A	✓				
250B					3 THOM 1 FORM 2 ACARINA 1 GNAP
260A	✓				
260B	✓				
270A					1 LEPID LARVAE
270B	✓				
280A	✓				
280B	✓				
290A				2 CARAB	
290B	✓				

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		4 ELEX		2 CURCU 2 CARAB	1 GNAP 2 ACARINA
100B	✓				
110A	✓				
110B	✓				
120A					1 GNAP 1 LEPID LARVAE
120B		1 ELOB 1 ELEX		1 CARAB	2 ACARINA 1 LEPID CARL. 2 THOM
130A		2 ELEX 1 ELOB		1 CARAB	2 GRILL
130B	✓				
140A		1 ELOB			
140B		1 ELFU		1 CARAB	2 GNAP 7 ACARINA 1 LEPID LARVAE
150A					2 GNAP
150B				1 CURCU	1 LYCO 1 THOM 1 ACARINA
160A					1 LEPID
160B				1 CARAB	1 GRILL
170A					1 LEPID LARVAE
170B					1 GRILL 1 PENTA
180A				1 CARAB	
180B		1 ELEX		1 CARAB	1 LYCO 1 LEPID LARVAE
190A		1 ELOR 1 ELFU 1 ELEX		1 MELOI	1 LYCO 1 POCO
190B				1 CHRYSO	1 LYCO 6 POCO

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A	✓				
0B				1 CARAB	1 SALT
10A		ZELEX		1 CARAB	1 GNAP 1 ACARINA 1 LYCO
10B		1 ELPU			
20A	✓				
20B	✓				
30A					1 LYCO 1 THOM 1 GNAP
30B					1 LYCO
40A					1 THOM 1 ACRID
40B	✓				
50A					3 FORM
50B					1 LYCO
60A	✓				
60B				1 CARAB	1 ACRID 1 THOM
70A				2 CARAB 1 CURCU	1 THOM
70B	✓				
80A		1 ASPD			1 LYCO 2 GNAP
80B				1 SCARAB	1 APID
90A				3 CARAB 1 SCARAB 1 MELC	1 THOM 3 GNAP
90B					3 LYCO 2 LEPID LARVAE

PITFALL TRAP DATA

Date 11 June 1999
Time 9:00

Pasture 15
Transect Catina

Trappers N. Sneider, K. MacLean, D. Leike
24 hr Weather warm beginning of week /
light rain last night

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1ELFU		2 CARAB	1 GRILL 1 REDU
800B		1ELOB 1ELEX			
810A		1ELEX 1ELFU		1 CARAB	2 LYCO 50 FORM 1 THOM
810B		1ELEX		2 PAEL	5 FORM
820A				1 CARAB	1 LYCO 5 FORM
820B				1 ACKID	1 LYCO 25 FORM 1 THOM 1 CHVI
830A					30 FORM (ant mound in bottom Keg cup)
830B		1 ELOB			1 GRILL
840A		1 ELOB 1ELFU		3 CARAB	2 GRILL 3 FORM 2 THOM
840B				1 PAEL (CARAB)	
850A		1ELEX 1ELFU			5 FORM
850B		5ELEX		1 CARAB	1 LYCO 5 FORM
860A		3ELEX			2 GRILL 5 POOC
860B		3ELEX 1ELFU		3 SCARAB	1 LYCO 5 FORM
870A					1 LYCO 1 GNAP
870B		1 ELOB			
880A		1ELOB 1ELEX		1 CARAB LARVAE	20 FORM 1 GRILL
880B		1ELFU			1 LYCO 1 GNAP 6 FORM
890A		1ELEX			1 LYCO 1 GRILL
890B				1 CURCU	1 ACKID 15 FORM 1 THOM
900A					1 GNAP
900B		1ELFU 1ELEX			1 GRILL

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A					1 THER 1 ACRID
700B		1 ELEX		1 CARAB	
710A		1 ELFU 2 ELEX			
710B		1 ELFU 1 ELEX		1 CARAB	1 APID
720A				1 CURCU	
720B		2 ELOB 1 ELEX		1 CARAB	1 GNAP
730A		1 ELFU 1 ELEX		1 CARAB	2 FORM
730B					1 ACARIN 1 FORM
740A				1 CARAB	20 FORM
740B				3 CURCU 2 CARAB	
750A		1 ELOB 1 ELEX		2 CARAB	1 GRILL
750B		1 ELEX		2 CARAB	1 APID
760A		1 ELEX			2 ACRID
760B		1 ELEX 1 ELFU		1 PAEL	4 FORM
770A		4 ELEX		1 CARAB LARVAE	1 LYCO 1 GNAP
770B		3 ELEX 1 ELFU			6 FORM
780A		1 ELEX		1 CURCU 3 CARAB	1 LEPID 1 GNAP
780B				1 CARAB	2 GRILL 1 THOM
790A		1 ELEX	1 ELCO		20 FORM
790B		2 ELEX			1 REDU 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
600A				1 MELOID	1 LYCO
600B		1 ELOB		1 CURCU 1 SCARAB	
610A	<i>3m trap</i>	2 ELEX			2 LYCO 10 FORM
610B	<i>3m trap</i>	1 ELEX 1 ELFU			10 FORM
620A		1 ELOB	1 AEO?		1 CHU 8 FORM
620B		2 ELEX		1 SCARAB 1 CARAB	1 GRILL 1 LYCO 1 CHU
630A					3 FORM
630B		1 ELOB		1 CARAB	2 GRILL 1 LYCO 1 GNAP
640A		1 ELFU		1 CARAB 2 CURCU	2 GRILL
640B		1 ELEX		1 CARAB	3 FORM
650A					
650B					
660A					
660B					
670A					
670B					
680A				1 SCARAB 1 CURCU 2 COLEOP LARVAE 1 CARAB	
680B		2 ELEX		2 CARAB 1 SCARAB	1 GRILL 1 GRILL
690A				1 CARAB	
690B				1 CARAB	

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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 CURCU	
500B				1 CURCU	1 GNAP
510A				1 CARAB	1 LYCO
510B				1 SCARAB	1 GNAP
520A					1 GRYL 3 FORM
520B					1 GRYL 1 THOM
530A		1 ELEX		1 SCARAB	
530B		1 ELEX		1 CURCU	1 LYCO
540A		1 ELOR		1 CARAB	2 LYCO 1 THOM
540B		1 ELEX		1 MELOID	1 CHVI 1 GRYL
550A					50 FORM 1 SALT
550B					50 FORM
560A		1 ELEX			2 FORM
560B	✓				
570A				1 SCARAB 1 PAEL LARVAE	
570B					1 LYCO 1 GNAP
580A		1 ELOR		2 CARAB 1 CURCU	
580B			1 ELCO		1 LYCO 2 FORM
590A				1 CARAB 1 SCARAB	
590B		1 ELFA		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
400A		1 ELFU 1 ELEX			10 FORM
400B				1 CARAB	
410A		5 ELEX		1 SCARAB 2 CARAB	2 ACRID
410B		2 ELFU 1 ELEX		1 CURCU	
420A	✓	_____	_____	_____	_____
420B		1 ELOR		3 CARAB	15 FORM 1 ACARIN
430A		1 ELEX			4 FORM
430B		1 ELOB		1 MELOID	40 FORM
440A					5 FORM
440B				1 SCARAB	1 GRILL 24 FORM
450A				1 CARAB	
450B		1 ELEX			2 LYCO
460A		1 ELOB	1 EMCO	1 CARAB	1 APID 1 GNAP
460B		1 ELOB		1 CURCU	2 LYCO 2 GNAP
470A				1 SCARAB 1 CURCU 1 CARAB	4 FORM
470B	✓	_____	_____	_____	_____
480A					10 FORM
480B		2 ELFU 1 ELHI			1 GRILL 1 FORM
490A		1 ELEX 1 ELOB		1 CURCU 1 CARAB	1 LYCO 2 GNAP 1 GRILL
490B					1 THER

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 SCARAB 1 CARAB	1 LYCO 24 FORM
300B		2 ELEX		1 SCARAB 2 CARAB	2 LYCO
310A					1 GNAP 1 LYCO
310B				1 SCARAB 2 MELOID	1 LYCO
320A					1 LYCO
320B		3 ELEX			1 LYCO 1 GNAP
330A				1 PAEL	1 COREID 1 GNAP 1 Homop
330B		3 ELEX		4 CARAB	2 GNAP
340A				1 MELOID 1 CARAB	2 LYCO
340B					4 FORM
350A		2 ELEX		1 SCARAB	1 LYCO
350B	✓				
360A					2 LYCO
360B		1 ELPU			1 GRILL
370A		1 ELPU		1 CARAB 1 MELOID	4 LYCO 1 GNAP
370B		1 ELEX		1 SCARAB 6 CARAB	1 GNAP 1 LEPID LARVAE
380A		1 ELOB		2 CURCU	
380B		1 ELPU 3 ELEX		1 SCARAB 1 CARAB	
390A		1 ELEX		1 PAEL	20 FORM
390B		1 ELEX			1 LYCO 25 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 GRAC
200B		2 ELOR		1 CARAB	1 GNAP 3 LYCO
210A	✓				
210B					1 LYCO
220A	✓	—	—	—	—
220B	✓	—	—	—	—
230A		1 ELOR		1 MELOID	1 LYCO
230B		1 ELEX			1 LYCO 1 GNAP
240A		1 ELFU			3 LYCO
240B		1 ELFU		2 CARAB	1 CHVI
250A		1 ELFU		1 MELOID	2 GNAP
250B		1 ELOR		1 CARAB	2 CHVI 1 LYCO
260A				1 CARAB	
260B		1 ELFU			1 LYCO
270A				1 CURCU	
270B					1 LYCO 1 GNAP
280A				1 CARAB	1 GNAP
280B		1 ELEX 1 ELFU 1 ELHI	1 ASOP	1 PAEL	
290A		1 ELEX		1 PAEL	1 GNAP
290B		1 ELEX		2 SCARAB	1 GNAP

LARK BOUNTING AVE

TO 2.

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A					1 GRILL
100B					1 THOM
110A	✓				
110B	✓				
120A		1 ELFU			1 GRILL
120B		1 ELOR		1 CARAB	1 LYCO 2 ACARIN 3 FORM
130A		120B			1 LYCO
130B		1 ELEX		2 PAEL	1 LYCO 1 GNAP
140A	✓				
140B		120B 1 ELOR			2 LYCO 10 FORM
150A					1 LYCO
150B		1 ELOR 1 ELFU			2 LYCO 3 FORM 1 GNAP 1 ACARIN
160A		1 ELFU		2 SCARAB 1 PAEL 3 SCARAB	
160B				2 SCARAB	1 LYCO 1 GNAP 1 CHVI 1 ACARIN
170A					1 THOM
170B					1 LYCO
180A				2 CARAB	1 LYCO
180B		1 ELOR 1 ELEX		2 CARAB	2 LYCO
190A				1 PAEL	1 LYCO
190B		1 ELFU			1 GRILL

PITFALL TRAP DATA

Date _____ Pasture _____ Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A				4 CARAB	
0B				1 CURCUL	
10A		4 ELEX			1 LEPID LARVAE 2 FORM
10B					1 WIND SCORPIAN (EREMO)
20A		1 ELFU			1 GRILL ZACRID 1 LYCO
20B		1 ELEX			1 ACARIN
30A		1 EOR 1 ELEX		1 CARAB	
30B		1 ELEX			20+ FORM
40A				1 PAEL 1 SCARAB	2 LYCO
40B				2 CARAB	1 LYCO
50A					10 FORM
50B		1 ELFU 1 ELEX			
60A				1 PAEL	1 LYCO 2 GNAP
60B				1 PAEL	
70A				1 SCARAB	1 GRILL 1 GNAP 2 LYCO 25 FORM
70B				1 CARAB LARVAE	2 LYCO
80A				1 PAEL 2 1 CARAB 32	1 GNAP
80B					1 LYCO 1 CHVI
90A		2 EOB		1 CARAB	
90B		2 EOX 1 ELFU			1 GNAP

PITFALL TRAP DATA

12 July 1999

Pasture

15

Trappers

Chris, Seth, Dave

Transect

North

24 hr Weather

Trap # Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A	2 ELOB		2 CARAB	3 LYCOS 10 FORM
800B	3 ELFU 2 ELOB		MELOD, CARAB	LYCOS, THOM
810A	2 ELFU		CARAB, CURCU	LYCOS, GRYLL
810B	3 ELEX		CARAB x2	
820A			CURCU, 3 SCARB	LYCOS
820B	ELOR, ELFU		CERAM	2 LYCOS, HYMEN
830A				LYCOS, GNAPH, THOM
830B	2 ELFU, ELOB		CURCU	LYCOS
840A	DID NOT OPEN (Missed)			
840B				
850A			1 CURCU	3 LYCOS, 1 THOM 1 HEMIP
850B	ELFU			HYMEN, LYCOS 50 FORM, 1 unknown spider
860A				THOM, LYCOS 15 FORM
860B	ELOB		CARAB, SCARB, DIST MELOD	3 LYCOS 1 THOM, 1 THOM
870A	ELFU			SALT
870B	ELFU			3 LYCOS, 2 THOM 2 FORM
880A			CARAB	SOLP
880B			CARAB	LYCO
890A			SCARB	LYCO 3 30 FORM
890B				LYCO 40 FORM
900A	ELFU		CARAB	Lepidoptera Larv 2 FORMS
900B	ELFU			Lepidoptera Larv 30 FORMS

PITFALL TRAP DATA

July 1999

Pasture

15

Trappers Chris, Seth, Dave

Transect

24 hr Weather

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		5 ELFU		4 CARAB	20 FORM, 3 UNKN1 HEMIP
700B					2 LYCOS
710A					7 FORM
710B		ELOB		SCARB, CARAB	2 FORM, LARV HEMIP
720A		ELFU			GYRAC, LYCOS 10 FORM
720B		ELFU			SALT, 7 FORM
730A		ELOB	EMPL	SCARB	2 LYCOS 16 FORM
730B		ELFU			10 FORM
740A		4 ELOB			LYCOS, 3 FORM UNKN 1
740B					GRYLL, LYCOS, UNKN1 20 FORM
750A					GNAPH, 2 UNKN1 1 DIPT, 50 FORM
750B					HYMEN, 1 UNKN2 80 FORM
760A		ELEX		CURCU	2 LYCOS, 2 UNKN2 4 FORM
760B				2 CARAB	7 FORM
770A					8 FORM, ARANE HYMEN
770B		2 ELFU			2 UNKN1, 3 FORM
780A		ELOB, ELFU			UNKN 1 FORM
780B		ELOB, 2 ELFU			2 FORM LYCOS, ARANE
790A				CURCU, 2 MELOD	LARV, 2 GNAPH FORM, UNKN1
790B					LYCOS 5 FORM

PITFALL TRAP DATA

July 1999

Pasture 15

Trappers Chris, Seth, Dave

Transect 24 hr Weather

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		ELEX			25 FORM
600B					20 FORM
610A		ELFU			2 LYCOS 100 FORM
610B		ELFU, ELOR			2 LYCOS, GRILL 13 FORM
620A				CARAB	HYMEN, 10 FORM
620B				SCARB	GRILL, 8 FORM
630A					GRILL
630B					ACRID, LYCOS, 2 FORM ARANE
640A		2 ELFU		SCARB	HEMIP 20 FORM
640B		ELFU		CARAB	
650A					
650B					
660A					
660B					
670A					
670B					
680A					3 LYCOS, SOLP UNKN 1, THOM, 50 FORM
680B				CARAB	GRILL, 4 LYCOS 15 FORM
690A	✓				
690B		EMMU			LYCOS

WASH OUT

PITFALL TRAP DATA

July 1999

Pasture

15

Trappers Chris, Seth, Dave

Transect

24 hr Weather

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A				CARAB	2 LYCOS HEMIP
500B		2 ELFU		CURCU	THER
510A					GNAPH
510B				CARAB	8 FORM 2 LYCOS
520A		ELEX			4 UNKN 1 THER
520B					3 UNKN 1 LYCOS
530A				2 CURCU	LYCOS CARAB LARVA
530B		2 ELFU		1 CURCU	2 LEPID LARVA
540A		ELEX, ELFU			THER, 2 LYCOS UNKN 1, 2 FORM
540B				2 CARAB	THOM, GNAPH 4 FORM
550A					8 FORM
550B					50 FORM
560A					LYCOS 4 UNKN 1
560B	✓				
570A					40 FORM THOM
570B					6 FORM
580A		ELOB			10 FORM
580B					2 UNKN 1 5 FORM
590A		ELFU		CARAB	LYCOS 4 FORM
590B		ELFU		SCARB	5 FORM

PITFALL TRAP DATA

Date 12 July 1999 Pasture 15 Trappers Chris, Seth, Dave
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A				CURCU CARAB	5 FORM, LYCOS
400B				2 CARAB	LYCOS 11 FORM
410A					DIPT LARV, LYCOS 3 FORM
410B				SCARB	3 LYCOS
420A					LYCOS, UNKN 1
420B					UNKN 2 5 FORM
430A		ELFU			6 FORM
430B					2 FORM
440A				CARAB	60 FORM
440B				CARAB	4 FORMS
450A				CARAB	LYCOS 3 FORM
450B					FORM
460A				CARAB	5 FORM
460B		ELFU			10 FORM
470A					LYCOS 2 FORM
470B		ELFU		SCARB	LYCOS 2 FORM
480A					40 FORM
480B					UNKN 1
490A					2 LYCOS, 2 FORM
490B	✓				

PITFALL TRAP DATA

Date 12 July 1999 Pasture 15 Trappers Chris, Seth, Dave
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A				2 CARAB	LYCOS, 30 FORM 2 GNAPH
300B				CERAM	LYCOS FORM
310A		ELEX		CARAB	2 GNAPH 2 FORM
310B					LYCOS, GNAPH
320A		2 ELFU			FORM
320B		ELFU		2 CARAB	2 LYCOS
330A					2 FORM, LYCOS GNAPH
330B					HEMIP, HYMEN 10 FORM
340A		ELEX			GNAPH FORM
340B		ELFU		CARAB	LYCOS FORM
350A	✓				
350B					4 FORM
360A				CARAB	LYCOS
360B					2 LYCOS
370A					UNKN 4 GNAPH
370B					FORM GNAPH
380A		ELOR		SCARB	LYCOS
380B		ELOR		2 CARAB	
390A				CARAB	5 FORM
390B				SCARB	GALL 14 FORM

PITFALL TRAP DATA

Date 12 July 1999 Pasture 15 Trappers Chris, Seth, Dave
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A				SCARB	LYCOS,
200B		ELOB			GNAPH, GRILL 2 FORM
210A				SCARB, CARAB	GNAPH
210B	✓				
220A		ELOB		3 SCARB	CARAB LARVA, LYCOS
220B		2 ELFU			
230A		ELOB			
230B		ELOR, ELFU, ELOB			100 FORM
240A					4 FORM
240B					Odinata (Damselfly)
250A					HEMIP FORM
250B				CARAB	ARANE,
260A		ELFU		CARAB	HEMIP
260B				SCARB	2 GNAPH
270A	✓				
270B					or Damselfly Larva? ← LEPID LARVA, LYCO UNKN1, 3 FORM
280A					FORM
280B		ELFU		3 CARAB	2 LYCOS, HEMIP Beetle LARVA, GRILL
290A				2 CARAB	THER, LYCOS, DIPT GNAPH
290B				CARAB	2 THOM, 3 FORM 2 UNKN I. LYCOS

PITFALL TRAP DATA

Date 12 July 1999 Pasture 15 Trappers Chris, Seth, Dave
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A					4 LYCOS
100B		ELFU			THER
110A					LYCOS
110B				5 CARAB	
120A					LYCOS. THOM, 5 FORM
120B				CARAB	4 LYCOS.
130A		3 ELOB			LYCOS 10 FORM
130B		EMMU		CARAB	2 LYCOS HYMEN
140A		ELFU		CARAB	LYCOS
140B		ELOB		CARAB	LYCOS
150A		2 ELFU		CARAB	LYCOS 32 FORM
150B				CARAB	2 LYCOS GNAPH
160A				2 CARAB	LYCOS
160B		EMMU		CERAM	SOLP, UNKN 1
170A					UNKN1, GNAPH Zebra Bug, 7 FORM
170B					LYCOS, GRYLL
180A					THOM, GRYLL GNAPH
180B				CARAB	2 UNKN1
190A		ELFU			SOLP, 8 FORM
190B					LYCOS, HEMIP, APID, 100 FORM

PITFALL TRAP DATA

Date 12 July 1999 Pasture 15 Trappers Chris Seth Dave
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp.- Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A				CERAM, SCARB	LYCOS
0B				CERAM, CARAB	
10A	✓				
10B		1 ELFU		4 CARAB	THOM, FORM HEMIP
20A				CARAB	8 FORM LYCOS
20B		ELEX		CARAB	2 LYCOS
30A				5 CARB	SALT
30B		ELFU ELEX		3 CARAB	HYMEN
40A				4 CARAB	LYCOS 20 FORM
40B				8 SCARB, 2 CARAB	LYCOS 15 FORM
50A					FORM
50B					50 FORM LYCOS
60A		ELFU			LYCOS 6 FORM
60B				3 CARAB	LYCOS
70A				CARAB	2 LYCOS LEPID LARVA
70B				CARAB	LYCOS 10 FORM
80A					LYCOS 10 FORM
80B				CERAM	UNKN1
90A					LYCOS
90B					2 LYCOS 10 FORM

PITFALL TRAP DATA

Nicole Schneider, Kathy Maclean

06 Aug 1999

Pasture Double Catena (15)

Trappers Leah Lentz, Sarah Quinlan

Transect

24 hr Weather Cloudy, Rainy 60s

(wed in downpours & floods)

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 ELOB	1	1 CARAB	1 LYCOS
800B		1 ELOR 1 ELHI			2 POOC 1 Gryll
810A	X				
810B	X				
820A					6 POOC
820B				2 CARAB	1 THOM
830A		2 ELOB			1 LYCOS 1 THOM 1 APID
830B				1 CARAB	1 LYCOS 1 Gnaph
840A					1 LYCOS
840B		1 ELEX 1 ELOB			
850A					1 Gnaph
850B				2 CARAB	1 LYCOS
860A		1 ELEX 1 ELFU 1 ELOB		1 CURCU	1 LYCOS 1 MUTIL
860B					1 LYCOS 1 GNAP
870A					1 Gnaph
870B				2 Carab	
880A				1 SCARAB	1 Gnaph
880B					2 LYCOS
890A					2 LYCOS
890B				2 CARAB	1 LYCOS 20 POOC
		1 ELFU			1 THER
					1 LYCOS

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A				1 CARAB	1 GRILL
700B		1 ELEX 1 ELFU 1EMPL		2 CURCU 4 CARAB	1 GRILL 1 POOC
710A					4 POOC 1 LYCOS 1 APID
710B					20 POOC 1 GRILL 1 APID
720A					6 POOC 1 FORM
720B		3 ELFU		1 SCARAB 1 CHVI	
730A		1 ELEX		1 CARAB 1 CURCU	
730B					15 POOC 1 LYCOS
740A		1 ELEX		1 CURCU	3 LYCOS
740B					20 FORM
750A					14 POOC 4 FORM
750B				2 CURCU 1 CARAB	5 POOC
760A					1 LYCOS 1 POOC
760B				1 CURCU 2 CARAB	1 POOC
770A				1 CARAB	15 POOC
770B					5 POOC
780A		1 ELOR 1 ELFU		1 MELOIDAE	
780B					1 LYCOS 1 APID (bumblebee)
790A		3 ELEX		1 CARAB 1 Staph	
790B				1 CURCU	1 LYCOS 1 POOC

PITFALL TRAP DATA

Pasture Double Catena
Transect _____

Trappers L.L. & SQ
24 hr Weather Rainy

# Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A	1 ELFU			1 POOC
600B	1 ELEX		2 CURCU	9 POOC
610A	1 EMPL		2 CARAB 1 MELOIDAE	7 POOC 5 FORM
610B				25 POOC
620A			1 CURCU	30 POOC
620B			5 SILPH	2 POOC
630A				1 Gnsp
630B				1 Gnsp
640A	1 ASOP		1 SILPH 1 MELOIDAE	1 POOC
640B			1 CERAMB. 2 CARAB 1 CURCU 1 SILPH	2 LYCOS 2 FORM
650A	FLOODED			
650B				
660A				
660B	FLOODED			
670A				
670B	FLOODED			
680A				
680B			1 CURCU	1 Gnsp 1 APID
690A	2 ELFU		1 CARAB 1 CURCU	2 GRILL
690B			4 CARAB 1 CURCU	3 POOC 1 GRAC
690B				1 LYCOS

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A	X				
500B	X				
510A	X				
510B					1 GNAP
520A					1 GNAP
520B					1 GNAP
530A	X				
530B	X				
540A	X				
540B		1 EMPL		1 CARAB (PAEL)	1 LYCOS
550A	X				
550B					1 LYCOS
560A				1 CURCU	3 GRILL 2 POOC
560B				1 CURCU	1 GRILL
570A				1 CURCU	2 GRILL 1 POOC
570B		1 ASOP 1 EMPL		1 CARAB	2 LYCOS
580A		1 ASOP			
580B	X				
590A		1 ELFU 1 EMPL		3 CARAB (1 PAEL)	2 LYCOS
590B		1 ELOB		1 CURCU	2 POOC

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A					13 POCO 1 GNAP
400B		1 ELFU			1 LYCO 5 POCO
410A				1 SCARAB 2 CURCU	1 LYCO 1 SOLI
410B				4 CARAB	
420A				1 CURCU	1 GNAP
420B	✓				
430A		1 ELOR			1 LYCO 2 POCO
430B				1 CARAB (PAEL)	50 POCO 1 DEAD AMTI
440A	✓				* FLOODED
440B				4 CARAB 1 CURCU	2 GRYP 5 POCO
450A					1 GRILL 1 GNAP
450B	✓				
460A				1 CURCU 2 CARAB	2 FORM
460B				1 CURCU 6 CARAB	1 LYCO 1 CORIE 1 GRILL
470A				1 CARAB	1 LYCO 3 POCO
470B				1 CARAB	4 POCO
480A					20 POCO 1 GNAP
480B	✓				
490A				1 CURCU 1 CARAB	1 APID 1 LYCO
490B					2 LYCO

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A	✓				
300B			1 EMMU		2 LYCO
310A		1 ELOR 1 ELEX			1 LYCO 1 CHVI
310B		1 ELFU			
320A				3 CERA	1 LYCO
320B		1 ELEX	3 EMMU	1 CARAB (PAEL)	1 POOC
330A					10 POOC 1 GNAP
330B		1 ELOR		1 CARAB	1 POOC
340A			1 EMMU		1 GNAP
340B				1 CURCU	1 GNAP
350A				2 CARAB (PAEL)	
350B	✓				
360A	✓				
360B					1 GNAP
370A	✓				
370B					1 LYCO
380A				2 CERA	1 LYCO
380B					1 THOM
390A				1 CERA	50 POOC
390B				1 CERA 1 CARAB	8 POOC

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		2ELEX			2 GRYAC 1 FORM 1 LYCO
200B				1 CERA 2 CARAB	1 GNAP
210A				1 CARAB	
210B		1 ELEX 1 ELFU			
220A		1 ELOB		1 COCCIN	
220B					1 LEP LARVAE 1 GRYAC
230A					1 GNAP 1 GRYAC
230B		2 ELEX			1 GRYAC 1 CHVI
240A					1 GNAP
240B			1 EMMU	1 CERA	* FLOODED
250A				1 CARAB (PAEL)	
250B				1 CARAB	1 GRYAC * FLOODED
260A		1 ELFU			1 LYCO
260B				1 CERA 2 CARAB	1 GNAP
270A		1 ELFU		1 CARAB	
270B	✓				
280A					1 GRYAC 1 LYCO
280B				2 CARAB (2 PAEL)	
290A				1 CARAB (PAEL)	1 LYCO 1 GNAP
290B			1 EMMU	1 CARAB	

PITFALL TRAP DATA

Date 06 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A					1 THER
100B		1 EMCO		1 CARAB	
110A				5 CARAB	
110B				1 CURCU 1 CARAB	*FLOODED
120A				2 CARAB 1 SCARAB	
120B					1 FORM (WINGED)
130A					3 POOC
130B				2 CHVI	2 FORM
140A					
140B		1 ELOB		1 CARAB (PAEL)	1 GR/AC
150A	✓				
150B		1 ELOB	2 ASOP	1 CARAB	1 LYCO
160A				2 CARAB (PAEL)	1 LYCO
160B				1 CARAB	1 LYCO 1 CHVI
170A		1 ELFU			
170B		1 1 ETEL	1 ASOP		2 GR/AC 1 CHVI 1 LYCO 1 SOLI
180A		1 ELOB 1 ELFU	1 EMMV		1 FORM
180B		1 ELFU	1 ASPO		
190A	✓				
190B					1 HEMIP 1 CHVI 1 LYCO

PITFALL TRAP DATA

Date 08 Aug 1999 Pasture Double Catena Trappers _____
 Time _____ Transect _____ 24 hr Weather _____

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A	✓				
0B				3 CARAB	
10A				1 CARAB	10 FORM
10B					10 FORM
20A				2 CARAB (PAEL)	2 LYCO
20B	✓				
30A				2 SCARAB 3 CARAB	* flooded
30B				1 CARAB	
40A	✓				
40B					10 FORM 1 LYCO
50A	✓				
50B				2 CARAB	1 GNAP
60A		1 ELEX			
60B					1 LEPID
70A					1 LYCO
70B		1 ELOB		2 CARAB	1 GNAP
80A					2 FORM
80B				2 CARAB	
90A				1 CURCU	2 FORM
90B					* FLOODED