

\* 1 = one 7 = seven

Stapp

# PITFALL TRAP DATA

NS, SQ, KW, ZM, KW

Date 3 June 1998

Pasture

Trappers DL, TG, MM, DG

Time 08:20 am

Transect

24 hr Weather Rain, 100% Cloud Cover

GH  
TOP

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A		1 obscura 4 extricata 1 fusiformis 2 obsoleta	2 Asidopsis opaca	1 Pasimachus elongatus	3 Acrididae 1 Thomisidae 1 Lycosidae
800B		4 extricata			1 Lycosidae
810A		1 fusiformis		1 Curculionidae	1 Acrididae 1 Ichneumonidae 2 Lycosidae 10 ants
810B		1 extricata			1 Thomisidae 4 ants
820A			1 Asidopsis opaca	1 Carabidae	1 Halictidae 1 Gnaphosidae
820B		9 extricata		1 carabidae	2 Lycosidae 1 Acrididae 1 Gnaphosidae
830A		3 extricata 3 fusiformis		1 Curculionidae	2 Gnaphosidae 3 Lycosidae
830B		2 obscura 6 extricata		2 Pasimachus elongatus	1 Lycosidae
840A		2 extricata 2 obsoleta			2 Acrididae 1 Gnaphosidae 6 Thomisidae
840B		3 extricata 2 obsoleta 3 fusiformis 1 obscura			2 Acrididae
850A		2 extricata			2 Acrididae
850B		1 obscura 7 extricata			1 Lycosidae
860A		8 extricata		1 Pasimachus elongatus	1 Lycosidae 1 Thomisidae
860B		3 extricata 1 obsoleta		1 Pasimachus elongatus	1 Lycosidae
870A		1 fusiformis 1 extricata		4 Pasimachus elongatus 1 Meloidae	1 Lycosidae 1 Thomisidae
870B		1 obscura 9 extricata 2 fusiformis 2 obsoleta 1 rotunda		2 Carabidae 2 Curculionidae	1 Gnaphosidae 4 Lycosidae 1 Lepidoptera 2 Apidae
880A		2 obscura		2 Pasimachus elongatus	2 Lycosidae 1 Thomisidae 1 Diptera 1 unknown Beet larva
880B		1 fusiformis		1 Pasimachus elongatus	1 Lycosidae 13 ants
890A		1 fusiformis 2 extricata		1 Meloidae	1 Acrididae 2 Lycosidae 1 Thomisidae
890B		1 extricata 1 obsoleta 1 fusiformis			1 Acrididae 15 ants 1 Lepidoptera larvae
900A		11 extricata		1 Meloidae	1 Acrididae
900B		1 fusiformis 1 extricata			1 Hemiptera

# 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 extricata	1 Asideopsis opaca		1 Lycosidae
700B		6 extricata 4 fusiformis			1 Acrididae
710A		2 fusiformis 1 extricata	1 Asideopsis opaca	1 Scarabidae	1 ant
710B		2 fusiformis 3 extricata	1 Asideopsis polita 1 Asideopsis opaca		2 Lycosidae 1 Graphosidae
720A		4 fusiformis 3 extricata			4 Reduviidae 1 Homopt 1 Acrididae 1 Lepidoptera larvae
720B		2 fusiformis 2 extricata			1 Lepidoptera 1 Lepidoptera larvae 1 Graphosidae
730A		1 extricata 1 fusiformis			1 Acrididae
730B		2 fusiformis 1 obscura 3 extricata		3 Carabidae	
740A		1 extricata		1 Carabidae	40 ants 1 Lepidoptera larvae
740B		1 fusiformis			1 Homoptera
750A		1 obscura 8 extricata 1 fusiformis			
750B		2 extricata			7 Ants
760A		2 fusiformis 7 extricata		1 Meloidae 1 Curculionidae	2 Graphosidae
760B		2 extricata			7 ants
770A		1 obscura 2 extricata 2 fusiformis			1 Acrididae 4 ants
770B		3 extricata 1 obscura 1 fusiformis			1 Acrididae 1 Lepidoptera larvae
780A		2 fusiformis 2 extricata		2 Curculionidae	3 Acrididae
780B		1 obscura 14 extricata		1 Psimachus elongatus	
790A		1 fusiformis 8 extricata 1 obscura		1 Carabidae	
790B		1 fusiformis 2 extricata		1 Psimachus elongatus	2 Acrididae 1 Lepidoptera larvae 3 Lycosidae ↑ 23 ant

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		5 fusiformis			2 Lycosidae 1 Lepidoptera larvae
600B		1 extricata		1 Pasimachus elongatus	1 Lycosidae 1 Acridid 10 ants.
610A	✓				
610B		1 fusiformis 1 extricata			1 Apidae 1 Lycosidae x 80 ants
620A		1 extricata			6 ants.
620B		6 fusiformis 1 extricata			3 Lycosidae 1 Lepidoptera larvae
630A		2 extricata		1 Pasimachus elongatus	1 Cactus Bug (Hemiptera) 1 Lycosidae
630B		2 extricata 1 fusiformis		4 Pasimachus elongatus	2 Lycosidae 1 Acrididae
640A		3 extricata		1 Curculionidae	1 Apidae 20 Ants
640B		1 fusiformis 1 extricata		2 Pasimachus elongatus	
650A		IN THE DITCH!			
650B					
660A					
660B					
670A					
670B					
680A				2 Curculionidae	2 ants
680B		1 extricata		1 Pasimachus elongatus	1 Lycosidae 3 ants
690A		1 extricata		1 Pasimachus elongatus	2 ants
690B		1 extricata	1 Psilodorus opaca	1 Ciindellidae (Hister)	2 Lycosidae

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		2 fusiformis 1 obsoleta		1 Carabidae 1 Meloidae	1 Lycosidae
500B		1 obsoleta 1 fusiformis 1 extricata			
510A			1 E. confusum	1 Carabidae 1 Meloidae	1 Lycosidae
510B		2 fusiformis		1 Carabidae 1 Curculionidae 1 Meloidae	
520A		1 obsoleta 15 fusiformis			1 Acrididae
520B		6 extricata 5 fusiformis			
530A		10 extricata 3 fusiformis			1 Lycosidae
530B				1 Silphidae	1 Hemiptera
540A		1 extricata			1 Gnaphosidae 2 ants
540B		3 fusiformis			1 Apidae 1 Lepidoptera 1 Lycosidae 15 Rink
550A		3 extricata 5 fusiformis			1 Lycosidae
550B		1 obsoleta 1 fusiformis 4 extricata			1 Hemiptera
560A		4 fusiformis		14 Silphidae 4 Pasimachus elongatus	1 Unknown Spider 1 Acrididae 1 Lycosidae
560B		1 extricata		1 Pasimachus elongatus	1 Lycosidae 1 Gnaphosidae 1 Lepidoptera larvae
570A	✓				
570B		3 extricata 1 fusiformis		1 Pasimachus elongatus	3 Lycosidae 1 Acrididae
580A		5 extricata 1 fusiformis		1 Scarabidae 1 Curculionidae	1 Apidae 1 Thomisidae 1 Lycosidae
580B		9 extricata 4 fusiformis			
590A		2 extricata 2 fusiformis			
590B		2 extricata 1 fusiformis 1 obscura			1 Lycosidae, 10 ants

# 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 extricata			
400B		1 fusiformis			
410A		1 fusiformis		1 Curculionidae 2 Meloidae	2 Lycosidae
410B		3 fusiformis 1 obsoleta 1 tricola			2 Lycosidae
420A		2 fusiformis		3 Silphidae 1 Scarabidae	
420B		4 fusiformis 1 extricata			1 Gnaphosidae
430A		3 fusiformis 3 extricata			
430B					30 Mutillidae
440A					6 ants 1 Gnaphosidae
440B					4 Ants 1 Acrididae
450A					1 Acrididae
450B		2 extricata		1 Scarabidae	2 Acrididae
460A		1 fusiformis 1 obscura 1 obsoleta 1 extricata			1 ant 1 Lycosidae
460B		3 extricata			
470A		2 fusiformis		1 Scarabidae	1 ant
470B	✓				
480A		1 hispilabris 1 fusiformis			1 Lycosidae
480B		1 obsoleta 1 extricata 1 fusiformis			10 ants
490A		1 extricata		2 Carabidae 1 Meloidae 1 Scarabidae	1 Acrididae
490B		1 obscura 1 fusiformis			1 Acrididae 3 ants.

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A		4 extricata	1 Emphabion Contusum	1 Carabidae	1 Gnaphosidae
300B		3 fusiformis		1 Carabidae 1 Meloidae	1 Lycosidae
310A		1 obsoketa 1 extricata 1 fusiformis		1 Scarabidae	
310B		2 fusiformis	1 E. Contusum		1 Hymenoptera
320A		2 obsoketa 2 fusiformis 3 extricata 1 tricola			1 Hairy Ant 1 Lycosidae
320B		3 extricata	1 E. contusum	2 Carabidae 2 Meloidae	1 Hemiptera
330A		1 obscura 5 fusiformis 4 extricata			1 Hymenoptera 1 Lycosidae
330B					1 Lycosidae
340A		3 fusiformis 1 extricata			1 ant
340B		5 extricata 3 fusiformis			1 Acrididae
350A	✓				
350B	✓				
360A		3 fusiformis	1 Asidopsis spp.	2 Meloidae	1 Hemiptera 1 Gnaphosidae
360B		4 fusiformis 1 extricata		1 Carabidae	1 Hemiptera
370A				1 Carabidae	1 Hemiptera
370B		3 fusiformis		1 Carabidae 2 Meloidae	1 Lycosidae
380A		3 fusiformis 2 extricata	10 unknowns	2 Silphidae 1 Carabidae	2 Lycosidae
380B		1 hispidabris			1 Lycosidae
390A		1 fusiformis 1 obsoketa	1 E. Contusum	1 Curculionidae	
390B		1 fusiformis			

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		7 fusiformis 4 extricata 1 hispilabris		1 Meloidae 1 Scarabidae	
200B		1 extricata 1 fusiformis		2 Carabidae	2 Lycosidae
210A		1 fusiformis 1 extricata		1 Carabidae	
210B		2 obscura 2 fusiformis 1 obsolleta 2 extricata		1 Carabidae	1 Acrididae
220A		2 obsolleta 3 extricata	Enbaphium mercatorum		
220B		10 obscura 7 extricata		2 Carabidae	1 Acrididae 2 Lycosidae 1 Hemiptera
230A		1 extricata			
230B		1 fusiformis 1 extricata		1 Meloidae	1 Acrididae
240A		5 extricata 2 fusiformis		1 Scarabidae 1 Meloidae	1 Gnaphosidae
240B		1 obscura 2 fusiformis 1 hispilabris			1 Gnaphosidae
250A				2 Carabidae	
250B		1 obscura 2 fusiformis			1 Hemiptera 1 ant
260A		1 extricata 1 fusiformis		1 Scarabidae 2 Carabidae	3 Hemiptera 2 ants
260B		1 extricata 1 tricoستا			1 Lycosidae 2 Thomisidae
270A		3 extricata		1 Curculionidae	
270B		3 fusiformis		2 Meloidae	1 Hemiptera 20 ants
280A			Emphibion confusum	1 Meloidae	1 Lycosidae 1 Hemiptera
280B		2 extricata 3 fusiformis			
290A				1 Carabidae	
290B		4 fusiformis 1 extricata		1 Carabidae	

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Ants	Other Arthropods
100A				1 Carabidae		1 Lycosidae
100B		13 extricata 3 fusiformis	1 unknown (2) 1 unknown (3)			2 Lycosidae 1 Hemiptera 1 Gnaphosidae 1 Hemiptera
(6H) 110A		2 fusiformis 1 obsoleta 1 extricata				1 Hemiptera 1 Hymenoptera 1 Hymenoptera
110B		1 obsoleta 1 fusiformis 4 extricata		1 Meloidae 1 Carabidae		
120A	✓					
120B	✓					
130A		2 fusiformis 5 extricata	2 unknown (1)	1 Scarabidae 1 Cerambycidae		1 ant 2 Hemiptera 2 Lycosidae
130B		1 extricata				1 Hemiptera 1 Lycosidae
140A		1 obsoleta 2 extricata	1 E. muratum			2 Lycosidae
140B	✓					
150A		1 extricata	1 E. contusum	3 Carabidae		2 Lycosidae Ants
150B		1 extricata		1 Cerambycidae		1 Lycosidae 14 Ants
160A		5 extricata				
160B		1 obscura				1 Hemiptera
170A		1 extricata				1 Hymenoptera 1 Lycosidae
170B		1 fusiformis 3 extricata		1 Meloidae		
180A		1 extricata 1 fusiformis		1 Carabidae		1 Arididae
180B		2 obsoleta 1 extricata 3 fusiformis		1 Carabidae 1 Meloidae		
190A		4 extricata 1 obscura	1 E. rotundus	3 Carabidae		2 Hymenoptera
190B	✓					



# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A		2 fusiformis 3 extricata		1 Carabidae 1 Meloidae	1 ant 1 Gnaphosidae 2 Lycosidae
0B		1 fusiformis 1 extricata	Eleodes rotundus	1 Carabidae	2 ants
10A		1 extricata			
10B		1 extricata	1 unknown ① 1 E. nigrum	1 Carabidae 1 Scarabidae	1 Hemiptera 1 Acrididae 1 ant 1 Lycosidae
20A		13 extricata 2 fusiformis		1 Vespidae 1 unknown 1 Carabidae	1 Hemiptera 1 Hairy Ant
20B		1 hispilabris 2 fusiformis	1 E. confusum	1 unknown 1 Carabidae	1 Hemiptera 1 Gnaphosidae
30A		1 extricata		1 Silphidae	
30B		4			1 ant
40A		4 extricata		1 Scarabidae 3 Carabidae	1 Acrididae 1 Lycosidae
40B		1 obsoleta 9 extricata			1 Acrididae
50A		2 extricata		1 Meloidae	2 Lycosidae
50B		3 extricata		2 Scarabidae	
60A		1 obsoleta 1 fusiformis 9 extricata			1 Hemiptera larva
60B		6 extricata 1 fusiformis		1 Carabidae	1 Gnaphosidae 3 Lycosidae
70A		4 fusiformis 3 extricata		2 Carabidae	1 Hairy Ant 3 Lycosidae
70B		2 fusiformis 3 extricata			5 Ants 2 Lycosidae 1 Thomisidae
80A		2 fusiformis 5 extricata	1 A. polita	2 Silphidae 5 unknown ②	1 Hemiptera 3 Lycosidae 1 Gnaphosidae
80B			1		1 Lycosidae 1 Gnaphosidae
90A			1 E. rotunda	1 Carabidae	1 Hairy Ant
90B		3 fusiformis 5 extricata		1 Scarabidae	

## PITFALL TRAP DATA

Stapp

(- = NONE) 1-0172

Date 10 July 1998  
Time 8:30Pasture 15  
TransectTrappers Nicole Snelder / Zoe Miller  
24 hr Weather rained 1hr. last night. (hard)  
air 84.7°F soil 72.9

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
1 800A		ZELEX	—	—	LYCO 3POOC
800B		ELEX ELFU	—	—	—
4 810A		ELEX ELFU	—	SCARA	—
810B		—	EMCO	—	—
0 820A		ELFU	—	—	2GNAP
820B		—	—	—	POOC
3 830A		—	—	CURCU CHVI	THER
830B		—	—	4 CARAB	—
4 840A		ELOR ELEX	—	—	3POOC
840B		EL —	—	2CURCU	7POOC THOM
NO 850A		ELOR	—	SCARA	—
850B	✓	—	—	—	—
NO 860A		—	—	CERAM CARAB	THOM
860B		—	—	CERAM SILPH	—
NO 870A		—	—	CHRY	—
870B		ELEX	—	SILPH 3CARAB CERAM	2LYCO
NO 880A	✓	—	—	—	—
880B		ELEX	—	3CHVI	—
1 890A		ELEX	2TRIM	CARAB	—
890B		—	—	CARAB	—
5 900A		—	TRIM	CARAB	LEPID, THER, LYCO 2POOC, 2ACRID
900B		ELEX	—	—	—

# PITFALL TRAP DATA

Date 10 July 1998 Pasture 15 Trappers Nicole Schneider Zoe Miller  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather Varied last night (1 hour hard)

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
5 700A	✓	—	—	—	—
700B	✓	—	—	—	—
3 710A		2 ELEX ELFU	—	—	THOM
710B				SILPH 1 UNKNOWN (DECATING)	POOC
3 720A		ELEX	—	—	—
720B		3 ELEX ELOB 3 ELFU	TRIM	—	POOC
730A		ELEX	—	—	—
730B		ELFU 5 ELEX ELOB 2 EL. Rotunda		CARAB	
No 740A		ELFU	—	CURCU	—
740B		—	—	—	2 LYCO
No 750A		ELEX (2)	2 TRIM	—	HYMEN
750B		ELFU	TRIM	—	—
No 760A		1 ELFU 2 ELEX	—	—	5 POOC HYMEN
760B		ELEX	—	—	POOC
No 770A		—	—	—	HEMIP 6 POOC
770B		ELFU	—	CURCU	15 POOC HALIC
No 780A		—	—	—	LYCO
780B		ELEX	—	CARAB	LYCO THOM
No 790A		—	—	—	THER
790B		ELEX 2 EL ELOB	—	CARAB	—

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		2 ELEX		CURCU	3 POOC
600B		—	—	—	5 POOC
610A		—	—	2 CAREM	—
610B		—	—	—	~ 100 POOC GNAP
620A		—	—	—	7 POOC GRYAL
620B		—	—	CARAB 2 CHRYS	3 LYCO 8 POOC
630A		—	—	CAREB CARAB	—
630B		—	—	1 CAREB 6 SILPH	SALT 1 LYCO
640A		ELEX	—	CARAB	2 LYCO GRYLL
640B		ELFU	—	CERAM	—
650A		IN THE DITCH			
650B					
660A					
660B					
670A					
670B					
680A	✓	—	—	—	—
680B		ELFU	—	—	GRYAL
690A		2 ELEX	—	CARAB UNKA 2 MELOID	2 LYCO
690B		2 ELEX	—	—	—

# PITFALL TRAP DATA

Date 10 July 1998 Pasture 15 Trappers Dave Galindo, Katie Woodmanse  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		—	—	CARAB	1 LYCO 3 POOC
500B		—	—	CERAM 5 SCARAB 2 SYLPH	LYCO
510A		—	—	2 SCARAB	—
510B		—	—	—	LYCO
520A	✓	—	—	—	—
520B	✓	—	—	—	LYCO
530A		—	—	—	GNAP
530B	✓	—	—	—	—
540A		—	—	—	LYCO
540B		ELFU	—	CERAM	—
550A		—	—	CARAB	LYCO
550B		ELEX	—	—	—
560A		—	—	7 SYLPH 2 PAEL	LYCO
560B		ELFU	—	—	—
570A		ELEX	—	—	—
570B		ELEX	—	—	LYCO
580A		ELFU	—	—	LYCO
580B		ELFU ELOB	—	—	—
590A		ELOR	—	—	LYCO
590B		—	—	CURCU	—

NO HOOPS  
NO HOOPS  
NO HOOPS  
NO HOOPS

## PITFALL TRAP DATA

Date 10 July 1998 Pasture 15 Trappers Dave Galindo, Katie Woodman  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		2 ELFV	—	—	3 POOC
400B	✓	—	—	—	—
410A	✓	—	—	—	—
410B		—	—	MELOID 2 CARAB ! SCARAB	5 FORM
420A		—	—	—	LYCO
420B		2 ELFV	—	SCARAB	4 POOC APID HALIC
430A		—	—	CARAB	60 POOC
430B		—	—	CARAB	40 POOC
440A		2 ELFV	—	11 SYLPH	HALIC 30 POOC
440B		—	—	—	2 POOC
450A	✓	—	—	—	—
450B	✓	—	—	—	—
460A		—	—	—	30 POOC 3 FORM
460B		—	—	—	2 POOC
470A		—	—	—	3 FORM 2 GR YAG
470B		—	—	3 CARAB	2 POOC
480A		ELFV	—	—	GRYLL 7 POOC
480B		—	—	SCARAB SYLPH	NAPV 9 POOC
490A		—	—	2 CARAB 4 SYLPH	GRYAC 2 FORM
490B	✓	—	—	—	—

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A	✓	—	—	—	—
300B		—	—	CURC	—
310A		—	—	—	GRYAC
310B		—	—	—	LYCO THOR
320A		ELFU	—	2 CARAB	VESP LYCO
320B		ELEX ELOR	—	—	—
330A		—	—	SYLPH	—
330B		—	—	—	GNAPH
340A		ELEX	—	2 CARAB	—
340B		—	—	—	GNAPH
350A		—	—	2 CARAB	—
350B		—	—	CARAB	—
360A		ELEX	—	—	—
360B		—	—	CERAM	—
370A	✓	—	—	—	—
370B		—	—	—	POOC
380A		ELOB	—	CARAB 2 SYLPH	—
380B		—	—	CARAB CURC	—
390A		—	—	CARAB SCARAB	COPOOC
390B		—	—	5 CARAB	COPOOC, LARV 1 FORM, HALIC

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		—	—	2 CARAB	GRYAC
200B		EMMU	—	CARAB	3 POOC
210A		ELOB EMCO	—	—	—
210B		ELFU 2 ELEX	—	—	—
220A		—	—	PAEL SCARAB	GRYLL
220B		EMCO	—	CARAB SYLPH	GRYAC
230A		—	—	2 CARAB	—
230B		ELOB	—	—	—
240A	✓	*FULL OF H <sub>2</sub> O —	—	—	—
240B		2 ELEX	—	CARAB	—
250A		—	—	4 CARAB PAEL	—
250B		ELEX	—	—	—
260A		—	—	3 CARAB	—
260B		ELOR	—	—	LYCO
270A		—	—	—	LYCO 1 unknown larv (lost)
270B		—	—	CARAB	—
280A		ELOR	—	—	LYCO HALIC
280B		—	—	CARAB	LYCO
290A		—	—	3 SCARAB	—
290B		ELEX	—	—	LYCO CHNI



# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A		—	—	2 SYLPH	PENT
100B		—	—	SYLPH	3 POOC GRYLL
110A		—	—	2 SCARAB	THER (BLACK WIDOW)
110B		—	—	CARAB	10 POOC
120A		—	—	SCARAB	—
120B		—	—	4 SCARAB	—
130A	✓	—	—	—	—
130B		—	—	7 CARAB	HALIC EMCO MUTIL
140A		—	—	—	LYCO
140B		—	—	CERAM CARAB	2 LYCO
150A		—	—	CARAB SCARAB	—
150B		ELOB	—	5 SCARAB	LORU
160A		—	—	SCARAB	SLOP HALIC LYCO
160B		ELFU ELOB	—	—	LYCO
170A	✓	—	—	—	—
170B		—	—	2 SYLPH	GRYAC
180A		ELHI	—	CERAM SYLPH	PENT
180B		—	—	—	CHVI PENT
190A		ELEX	—	—	LYCO PENT 2 FOR SLOP CHVI
190B		2 ELEX	—	6 CARAB	LYCO

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A		—	—	3 SCARAB	—
0B		ELFU	—	10 SILPH CERAM	PENT
10A		—	—	CERAM CARAB	—
10B		—	—	5 SILPH	15 POOC GNAPH
20A		3 ELFU	—	CERAM	3 POOC LYCO
20B		—	—	SCARAB	LYCO
30A		—	—	10 SILPH	—
30B		ELFU 4 ELEX	—	PAEL LARV	—
40A		ELEX	—	—	THEK
40B		—	—	—	LYCO
50A		—	—	—	LYCO
50B		ELFU ELEX	—	5 SILPH CERAM	10 POOC
60A		—	—	—	THOM
60B		—	—	SCARAB	—
70A		—	—	—	LYCO THOM POOC
70B		—	—	EDRO	—
80A	✓	—	—	—	—
80B		ELFU 3 ELEX	—	—	2 LYCO
90A		—	—	ACARAB	GRYAC
90B		✓	—	—	LYCO

# PITFALL TRAP DATA

Date 11 Aug 98

Pasture 15

Trappers M<sup>2</sup> ML

Time \_\_\_\_\_

Transect \_\_\_\_\_

24 hr Weather Clear, Warm

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
0A					Lycosidae
0B					Lycosidae
10A					Therididae Formica
10B					Lycosidae
20A		El. fusiformis		2 Carabidae	Lycosidae
20B					Lycosidae
30A			# Eustachydes 2	Carabidae	Formica
30B	X				
40A		obscura			Gnaphorina
40B		f. fusiformis		Carabidae	
50A	X				
50B					Lycosidae
60A	X				
60B	X				
70A					Lycosidae
70B	X				
80A				Carabidae 2	Lycosidae
80B					Lycosidae Formica
90A					Lycosidae Arid.
90B					Lycosidae

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
100A	X				
100B	X				
110A					Therididae
110B		El. Obscura		Ch. v.	Gnaphosidae
120A					Mutillidae
120B		El. fusiformis			
130A		El. extricata	Eusphindus	Carabidae	
130B					Therididae Lycosidae
140A					Lycosidae
140B		El. obscura			
150A		El. extricata			
150B					Lycosidae
160A					Formica
160B		El. fusiformis	unk 1		
170A					Lycosidae
170B					Lycosidae
180A		H. pilabris			Lycosidae Formica Mutillidae
180B		2 obsolete 1 fusiformis			
190A		Obscura	Eusphindus unk 1-2		Gryll 5 / <del>unidentified</del> mutillidae Solifugia
190B		extricata Obscura	Eusphindus unk 1-2	Carabidae	2 Gnaphosidae 3 Formica 3 Gryll

# PITFALL TRAP DATA

Date 11 AUGUST Pasture \_\_\_\_\_ Trappers \_\_\_\_\_  
 Time \_\_\_\_\_ Transect \_\_\_\_\_ 24 hr Weather \_\_\_\_\_

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
200A		obsoleta			Gnaphosidae Gryac
200B		obscura 2			Spilifugia Gryac 2
210A				Carabidae	Formica
210B		Extricata			2 Lycosidae
220A		extricata Hispidulbris	Emphibion confusum		Gryac
220B		obscura			26 Gryac
230A			Emphibion Confusum	Carabidae	Mutillidae
230B				meloidae	
240A					Thomisidae Gnaphosidae
240B			Asiopsipalite		Formica mutillidae
250A					Lycosidae Gryll
250B					Lycosidae
260A		Extricata			
260B					1 Gnaphosidae 2 Lycosidae mutillidae
270A					Thomisidae Uespidae
270B		extricata		Carabidae	
280A					Thomisidae / Gryac Gnaphosidae mutillidae
280B					3 Lycosidae
290A					1 Gryac
290B			Emphibion Confusum		

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A			Emblephon muricatum Estreus rotundus		
300B			Emblephon confusus		
310A		Obscura extricata			
310B					2 Lycosidae Larvae
320A					Lycosidae 2 Gryll
320B				Carabidae	
330A					Gryll
330B		extricata furiformis			Larvae mutillidae H. formica
340A				Beet 2	
340B		Obscura			
350A					Lycosidae
350B					formica
360A	X				
360B				Silphidae 4	
370A					Lycosidae
370B		extricata			Thomisidae
380A		extricata obsoluta			Lycosidae
380B					Gryll
390A					Pup.
390B					Pup.

# PITFALL TRAP DATA

Date 11 AUGUST 1998 Pasture CATINA Trappers DL, PG, SQ  
 Time 0800 Transect CATINA 24 hr Weather DRY, SUN

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
400A		0	0	0	1 LYCOS
400B	X	0	0	0	0
410A		0	0	0	3 PODOC
410B		0	0	1 CURCU	0
420A	X	0	0	0	0
420B		1 ELFU	0	3 CARAB	0
430A		1 ELEX	0	1 CURCU	13 PODOC
430B		0	EMMU	0	4 PODOC 1 LARVA
440A		0	0	1 SILPH	1 LARVA
440B		0	0	0	2 LYCOS
450A		0	0	0	2 GRYLL 1 LYCOS
450B		1 ELEX	0	0	0
460A		0	0	0	1 ACRID 1 LARVA 1 GRYLL
460B		1 ELEX	0	0	
470A		0	0	0	2 PODOC
470B		0	0	0	2 LYCOS
480A		0	0	2 PAAL	2 PODOC 1 GRAYAC
480B		1 ELTR	1 EMCO		
490A		1 EL0B		1 SILPH	4 PODOC 1 GRYLL
490B		0	0	0	2 ACRID 1 LARVA

# PITFALL TRAP DATA

Date 11 AUGUST 1998 Pasture CATINA Trappers DL, DG, SQ  
 Time 0800 Transect CATINA 24 hr Weather DRY, SUN

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
500A		0	0	0	2 PODOC
500B		0	0	0	1 LYCOS 1 THOM
510A		0	0	0	1 ACRID
510B		0	0	0	1 LYCOS
520A		0	0	0	1 ACRID
520B		0	0	0	1 GNATH
530A		0	0	0	1 LYCO 7 PODOC
530B		1 ELOB	0	1 CARAB	0
540A		2 EL EX	0	0	1 THOM
540B		1 ELOB	0	1 CARAB	0
550A		0	0	0	2 PODOC
550B		3 EL EX 1 EL TR 1 EL FU			1 COREI
560A		1 ELOB	0	0	0
560B		0	0	0	5 PODOC
570A		1 ELOB	0	0	1 SALT
570B		0	0	0	2 LYCOS
580A	X	0	0	0	0
580B	X	0	0	0	0
590A		0	0	0	1 LYCOS 1 THOM
590B		0	0	0	1 PODOC



# PITFALL TRAP DATA

Date 11 AUGUST 1998 Pasture CATINA Trappers DL, DG, SQ  
 Time 0800 Transect CATINA 24 hr Weather DRY, SUN

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A		ELEX			1 PODOC
600B		0	0	1 CURCU	2 PODOC 1 LYCOS
610A	X	0	0	0	0
610B		0	0	0	2 PODOC
620A		1 EL0B	0	1 CURCU	5 PODOC
620B		1 ELEX 1 EL0B 2 ELFU	0	1 CURCU	1 LYCOS 8 PODOC
630A		1 ELFU	0	0	1 GRILL 1 PODOC 1 ACRIID
630B		1 ELFU			2 PODOC
640A	X	0	0		
640B					4 PODOC
650A		LOST	BY	DRY WASH+	
650B		"			"
660A		"			"
660B		"			"
670A		"			"
670B		"			"
680A		1 ELEX		1 CURCU	1 LYCOS 4 PODOC
680B	X	0	0	0	0
690A		1 EL0B		1 CURCU	2 LARVAE 6 PODOC
690B		0	0	T	2 PODOC

# PITFALL TRAP DATA

Date 11 AUGUST 1998 Pasture CATINA Trappers DL, DG, SA  
 Time 0800 Transect CATINA 24 hr Weather PRY, SUN

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
700A		0	0	0	1 THER 2 ACRID
700B		0	0	0	1 GRILL
710A		0	0	0	1 GRILL 1 LARVA 1 THER
710B		2 ELFU 1 EL EX		4 CURCU	1 GRILL 3 POC
720A		1 ASPD	0	0	0
720B	X	0	0	0	0
730A		1 ELFU 1 EL EX 1 EL 6B			2 LARVA 1 POC
730B		1 EL 0B 1 EL EX 1 EL OR		1 CHVI 2 CARAB	1 THOM 1 GNAPH
740A		0	0	0	1 POC
740B		1 EL EX	0	0	0
750A		2 EL EX			1 LYCOS
750B		1 EL EX 1 EL 0B			1 LARVA
760A		2 ELFU 1 EL 0B	0	0	1 LYCOS
760B		5 ELFU	0	1 CARAB	1 POC
770A	X	0	0	0	0
770B		0	0	1 CARAB	1 GRILL
780A		0	0	0	1 GNAPH 1 ACRID
780B		0	0	0	1 LYCOS
790A	X	0	0	0	0
790B		1 EL 0B 1 EL FU 1 EL OR		1 SCRAB 1 CARAB	1 LYCOS 1 POC

## PITFALL TRAP DATA

26.4C

Date 11 AUGUST 1998 Pasture CATINA Trappers DL, DG, SQ  
 Time 0800 Transect CATINA 24 hr Weather SUN, DRY

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A	X	0	EMPTY	0	0
800B		0		1 CARAB	0
810A		1 ASPD 1 ELOB	0	0	0
810B		1 ELOB	0	1 PAEL	0
820A		0	0	0	1 LYCOS
820B		1 ELFU 1 ELOB			
830A	X	0	EMPTY	0	0
830B		1 ELOB	0	0	0
840A		0	0	0	1 THOM
840B				1 CARAB	2 LARVA 1 ACKER 1 POOC
850A		1 ELOB	0	1 CURCU	1 LYCO
850B		1 ELFU	0	0	2 POOC
860A	X	0	EMPTY	0	0
860B		0	0	1 CARAB	3 POOC
870A		0	0	0	GNAPH
870B		0	0	0	LYCOS
880A		0	0	1 CARAB	0
880B		0	0	1 CURCU	0
890A		1 ELFU	0	0	POOC
890B		0	0	0	0
900A		1 ELOB	0	0	0
900B		0	0	0	POOC

# PITFALL TRAP DATA

 Date 10 SEPT 1998

Pasture \_\_\_\_\_

 Trappers DL, NES

 Time 1200

Transect \_\_\_\_\_

 24 hr Weather CLEAR HOT

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
800A					1 LYCO
800B		12 ELOB		1 CARAB 1 CURCU	1 LYCO 5 POOC
810A		1 ASOP		1 CARAB	1 LYCO
810B					1 LYCO
820A					1 LYCO
820B		1 ELOB		1 CARAB	
830A			1 GLSD	1 CARAB	
830B		2 ELEX		1 SILPH 1 CARAB	1 LYCO
840A	✓				
840B				3 CARAB 1 MELOID	
850A		1 ASOP			
850B		1 ELOB			
860A		1 ASOP			
860B		1 ELOB			2 GRYPAC
870A		1 ELOB			
870B		3 ELOB			
880A		1 ELEX			
880B		1 ASOP 1 EURO		1 MELOID	2 SALT 1 LYCO
890A		3 ELOB			
890B		1 ELOB		1 CURCU 1 CARAB	1 LYCO 1 APID 2 THOM
900A		1 ELOR 1 ELOB			
900B					1 GRYPAC 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
700A					20 POOC
700B				1 CARAB	1 POOC
710A		4 ELFU		1 CARAB	1 LEPID LARVA
710B		3 ELOB		1 SCARAB 2 CARAB	4 THOM 10 POOC 1 MUTIL
720A		2 ELFU			
720B		1 ELEX 1 ELFU		1 CARAB	
730A		1 ELEX			1 MUTIL
730B		1 ELEX 2 ELOB		1 CARAB	1 THOM 1 LEAD LARV
740A		1 ELEX		1 CARAB 1 CURCU	1 LYCO 1 MUTIL
740B		14 ELOB 6 ELEX		1 MELOID	
750A	✓				
750B			1 ASOP		
760A		4 ELOB 1 ELFU		4 CARAB 1 MELOID 1 CURCU	1 GRYLL 1 LEPID LARV 1 APID
760B		2 ELOB			1 LYCO 5 POOC 1 LEPID LARV
770A		2 ELFU			1 MUTIL
770B		1 ELOB			1 MUTIL 1 POOC 1 LEPID LARV
780A		1 ELOB			1 THER
780B			1 ASOP	1 CARAB	1 LYCO
790A				1 CARAB	
790B		3 ELOB	1 ASOP		

# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
600A				1 CARAB	
600B		1 ELFV			
610A					1 LYCO 1 POOC
610B		1 ELOB			
620A		8 ELOB 1 EURO 7 ELEX 4 ELFV			1 LYCO
620B		2 ELOB		2 CARAB 3 CURCU	10 POOC
630A			1 ASOP		
630B					1 LEPID. 2 ACRID
640A		1 ELFV	1 ASOP	2 CARAB	1 LYCO
640B		1 ELOB		1 CARAB	1 APID 1 GNAPH
650A					
650B					
660A					
660B					
670A					
670B					
680A		3 ELEX	1 ASOP		
680B					1 GRILL
690A				3 CARAB	1 ACRID 1 LYCO
690B		1 ELEX 2 ELOB			

# 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 ELOB 1 ELEX			
500B		2 ELOB			1 MANTID 1 LYCO
510A					1 LYCO
510B		6 ELOB		1 CARAB	
520A	✓				
520B	✓				
530A	✓				
530B		1 ELOB	1 EMCO		
540A					1 GRILL 50 POOC 1 LYCO
540B			1 ASOP		
550A		1 ELRO 2 ELOB			1 ACRID
550B					1 THOM
560A		1 ELFU			1 GRILL
560B					5 POOC
570A		1 ELEX 1 ELOB		1 CHVI 2 CARAB 1 SILPH 1 CURW	1 LYCO
570B					1 POOC
580A		2 ELOB			
580B		1 ELFU			
590A	✓				
590B	✓				

# 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 GNAP
400B	✓				
410A		10 ELOB	1 GLSD	4 CURC 1 CARAB	
410B		1 ELEX	1 ASOP		2 GRILL
420A		1 ELEX			
420B		2 ELOB 1 ELEX 1 EFX			1 GRILL 1 THOM 1 LEPIDILAEV
430A		1 ELOB			1 ACRID
430B		2 ELOB		1 CARAB	
440A		1 ELEX			
440B	✓				
450A					
450B					
460A		1 ELEX		1 SCARAB	1 LYCO 1 GRILL
460B		2 ELEX 1 EFX 10 ELOB			1 GRILL
470A		1 ELEX		1 CURC	1 GRILL 4 POOC
470B					1 GNAP
480A		1 EHI			1 POOC
480B		1 EHI 2 EFX			
490A	✓				
490B	✓				



# PITFALL TRAP DATA

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

Trap #	Empty	Eleodes Spp. - Mark	Other Tenebrionids	Other Beetle Families	Other Arthropods
300A	✓				
300B		3 ELOB		1 CHN	
310A		3 ELOB			1 LYCO
310B					1 GRILL
320A					1 GRILL
320B		3 ELOB		1 CARAB	1 LYCO 1 THOM
330A				1 CARAB	1 ACRID 1 POOC 1 APID
330B					5 POOC
340A		2 ELFU		1 CARAB 1 CURCU	
340B	✓				
350A			2 GLSO		
350B		2 ELOB		1 CURCU 1 MELOID	
360A			1 AGOP		
360B					1 ACRID
370A		1 ELOB			1 GRILL
370B		1 ELOB		1 CARAB	4 LYCO
380A		4 ELOB			
380B		1 ELFU			
390A					1 GRILL
390B		1 ELFU			

# 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 ELFV			
200B		1 ELEX		2 CARAB	1 LEPID LARV 1 MV 1 THOM 1 GRILL
210A					1 THER 1 LEPID LARV
210B		8 ELOB		1 CARAB	
220A		1 ELOB		1 CHV 1 CARAB	
220B		1 ELHI		3 CARAB	1 LYCO
230A		1 ELOR			
230B	✓				
240A		2 ELOB		2 CARAB	1 MUTIL 1 NEURO
240B					1 THER
250A					3 POOC
250B	✓				
260A		1 ELHI	1 ASDP		2 MUTIL 1 GNAP 2 LYCO
260B		1 ELHI 1 ELOB			1 GRILL
270A					3 POOC
270B		1 ELEX 1 ELOB			1 GRILL
280A		1 ELOR	1 GLSD	2 CARAB	1 LYCO 4 POOC
280B		1 ELEX	1 ASDP 2 GLSD	1 CARAB	
290A	✓				
290B		4 ELOB			

# 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 ACRID
100B				1 CARAB	1 GRILL
110A					1 THERI
110B		1 ELFU 1 ELOB			1 THOM
120A					1 ACRID 1 THOM
120B	✓				
130A			1 ASOP	2 CURCU	1 THOM
130B					1 LEPID LARV 2 GRILL
140A				1 CURCU	1 POOC
140B		1 ELHI 1 ELOB 1 ELOR		1 CARAB 1 CURCU	1 LYCO
150A		1 ELOB			1 GRILL
150B					1 GNAP
160A		2 ELOB 1 ELOR			1 COREID 1 GNAP 1 LEPID LARV
160B		1 ELHI	1 ASOP		
170A		1 ELHI		1 MELOID	1 GNAP 1 ACRID
170B					1 GRILL 1 GNAP
180A					1 MUTIL
180B				2 CARAB	
190A		1 ELRO		5 SIUPH	2 THOM
190B		2 ELUX	1 ASOP	2 CARAB	1 LYCO

# 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 CARAB	1 LYCO
0B	✓				
10A		1 ELEX			
10B	✓				
20A		1 ELEX 1 ELOB			20 POC 1 THOM
20B	✓				
30A		1 ELEX 1 ELRO 1 ELOB			1 ACRID 1 THOM
30B				1 CARAB	2 GRILL 1 THOM
40A			1 ASOP		1 ACRID
40B					1 LYCO
50A	✓				
50B	✓				
60A		1 ELOB			1 THOM
60B	✓				
70A				1 CURCU	1 LEPID
70B					1 GNAP
80A				1 CHVI	1 APID 1 GRAC
80B		1 ELEX		1 CHVI	2 LYCO 1 THOM
90A		2 ELEX			
90B				1 MELOID	