

## Project Summary Sheet – Year 2004

Project Name SGS-LTER Monitoring Project - Arthropod Abundance on Webs

Project Number 118-2

Principal Investigator(s) Paul Stapp

Dates of Data Collection see below

Plot Names / Specific Location of study area(s) \_\_\_\_\_

24NE, 25NE, 26NW, 27NE, 13NW, 13SW

Full Names of Data Collectors Jamie Weaver, Arianah Anderson, Jenna Lindquist, Nicole Kaplan, Judy Lindquist, Seth Ratering, Jason Stevens, Sarah Cain,

Names of Associated Files and Databases Ascalon/Iter/projects/dataentry  
ARS#118-ArthWeb-Data/WebArth-2004-bq.xls &  
(webarth98-99-00-01.xls & webarth2002-2003 BB-jd.xls)

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

24NE - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7  
25NE - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7  
26NW - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7  
27NE - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7  
13NW - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7  
13SW - 5/3-5/7, 5/28-6/1, 7/12-7/16, 8/6-8/10, 9/2-9/7

Questions and Concerns

Do we need the revised data files that Paul worked on?

Date copies of data sheets were sent to PI(s) 1/26/05

Date copies of data sheets were sent to SGS-LTER office 9/04

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

Mark Lindquist

SGS-LTER Long-Term Monitoring Project  
Arthropod Abundance on Trapping Webs

WEB CODE: 13.NW

DATE/TIME OPENED: 3 May 2004

DATE/TIME CLOSED: 7 May 2004

OBSERVERS: J. Weaver, A. Anderson, M. J. Lindquist, N. Kaplan

CURRENT WEATHER: 80s, light winds, <10% clouds.

GENERAL WEATHER DURING SESSION: 80s & 90s, not & dry

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0				2 CURCU				
A2	/	✓							
A3	1			1 PPEL					
A4	/	✓							
A5	0			2 CARAB					
B1	0				1 SCARAB 1 CURCU			1 THERI	6 FORMS 1 DIPTERA
B2	/	✓							
B3	0				1 SCARAB				
B4	/	✓							
B5	1	✓							
C1	1	✓							
C2	/		1 ELET						
C3	0	✓							
C4	/					1 GRAC			
C5	0	✓							
D1	1							1 GNAPH 1 LYCO	
D2		✓							
D3								1 THERI	
D4		✓							
D5	1				1 SCARAB				

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 SWDATE/TIME OPENED: 3 May 2004DATE/TIME CLOSED: 7 May 2004OBSERVERS: J. Weaver, A. Anderson, M. & J. Lindquist, N. KaplanCURRENT WEATHER: 80s; light wind <10% cloud coverGENERAL WEATHER DURING SESSION: hot 80s & 90s, Dry

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0			3					3 FORM. 1 COREID
A2	/			1					1 APID
A3	0	✓							
A4	/				1 SCARAB				8 FORM
A5	0	✓							
B1	0				1 SCARAB				
B2	/				1 SCARAB				
B3	0							1 THER	
B4	/				1 SCARAB			1 THEM	5 FORMS
B5	0				1 CURCUL				
C1	0							1 GNAP	
C2	/							1 GNAP	
C3	0			1					2 FORM
C4	/				1 PAEL LARVAE				1 FORM
C5	0		1 ELRO	3	2 CURCUL				
D1						1 GRAC			1 APID
D2		✓							
D3		✓							
D4			1 ELFU						12 FORM
D5				2					

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24 NEDATE/TIME OPENED: 3 May 2004DATE/TIME CLOSED: 7 May 2004OBSERVERS: J. Weaver, A. Anderson, M. J. Lindquist, N. KaplanCURRENT WEATHER: 80s, <10% cloud cover, light windsGENERAL WEATHER DURING SESSION: 80s, 90s, hot & dry

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0	✓							
A2	/							1 THER	1 DIPTERA
A3	0		1 ELHI		1 CURCU				
A4	/					2 GRAC		1 GNAP	12 FORM
A5	1							1 THOM	1 APID
B1	0								2 FORM
B2	/		2 ELOB		2 SCARAB 1 CURCU				1 LEPID
B3	0		1 ELOB						
B4	/			1					1 FORM
B5	0	✓							
C1	0	✓							
C2	/	✓							
C3	0							1 THOM	
C4	/		1 ELOB					1 LYCOS	
C5	0	✓							
D1	/								1 FORM
D2	/			1		1 GRAC			
D3	/	✓							
D4	/			1 PAEL 2				1 GNAP	1 Myrmecotidae
D5	1	✓							

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 3 May 2004DATE/TIME CLOSED: 7 May 2004OBSERVERS: A. Anderson, J. Weaner, N. Kaplan, M. J. LindquistCURRENT WEATHER: 80s, windy, 10% cloudsGENERAL WEATHER DURING SESSION: 80s, 90s, hot & dry

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0			1				1 THER	
A2	/							3 LYCOS	
A3	0		2 ELRO		1 SCARAB			1 SALI	
A4	/				1 CURCU			1 LYCOS 1 GNAP	
A5	0		3 ELEX					1 SALI	
B1	0							1 THER	
B2	/				1 CURCU				1 FORM 1 LAMPYRIDAE
B3	1	✓							
B4	/				3 SCARAB			1 LYCOS 1 THOM	1 SALI 1 DIPTERA 2 FORMS
B5	0				1 CURCU			1 LYCOS	
C1	0		1 ELOR		1 SCARAB			1 THOM	1 LEPID (H. V. R.)
C2	/		2 ELEX		1 CURCU				
C3	0							2 LYCOS	
C4	/								1 LEPID
C5	0		1 ELEX					1 LYCOS	
D1	/			2					12 FORM
D2	/			2	4 CURCU			1 GNAP	
D3	/						1 CHVI		1 DIPTERA
D4	/	✓							
D5	/			3	2 CURCU				2 FORM

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26 NWDATE/TIME OPENED: 3 May 2004DATE/TIME CLOSED: 7 May 2004OBSERVERS: A. Anderson, H. Kaplan, J. Weavis, M. J. LindquistCURRENT WEATHER: 80s, dry, light wind, <10% cloud coverGENERAL WEATHER DURING SESSION: 80s, 90s, dry & Hot

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1		1 EMMU	4					
A2	1		1 ELEX	3					
A3	0			1					
A4	1		1 ELOB	5					1 SOLPUGID
A5	0			1	1 unknown				escaped - NOTE 1 FORM
B1	0		1 EMMU					1 SPID	
B2	1		1 ELOB					1 THER	
B3	1		2 ELPU						1 LEPID LARVAE
B4	1							2 THER	
B5	0		1 ELEX		2 SCARAB				
C1	0	✓							
C2	1	✓							
C3	0				1 SCARAB				
C4	1	✓							
C5	0	✓							
D1	1				1 SCARAB / ACRID				
D2	1		3 ELEX						
D3	1				1 SCARAB				1 FORM
D4	1	✓							
D5	1				3 SCARAB				1 DIPTERA

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27 NEDATE/TIME OPENED: 3 May 2004DATE/TIME CLOSED: 7 May 2004OBSERVERS: A. Anderson, J. Weavel, N. Kaplan, M. J. LindquistCURRENT WEATHER: 80s, ~~100~~ mod. wind, 40% cloud coverGENERAL WEATHER DURING SESSION: 80s, 90s Hot & Dry

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0								2 FORM
A2	/				1 SCARAB				1 FORM
A3	0							1	3 FORM
A4	/	✓							
A5	0		1 ELRO 1 ELEX		1 CURCU 1 GRAC				
B1	0							1 GNAP	
B2	/			1					1 FORM
B3	0							1 THOM	
B4	/	✓							
B5	0								1 DIPTER A
C1	0							1 LYCO	
C2	/	✓							
C3	0				1 SCARAB			1 THER	
C4	/					1 GRAC		2 THER	
C5	0				1 CURCU				
D1	/		1 EMPL 1 ELOR	1		1 GRAC			10 FORM
D2	/								1 LEPID LARVAE
D3	/			1				1 THER	1 FORM
D4	/							1 THER	1 LEPID LARVAE
D5	/			4					

P. Stapp, 4/98

WEB CODE: 13N41

DATE/TIME OPENED: 28 May 2004/10

DATE/TIME CLOSED: 01 June 2004 / 14:30

OBSERVERS: Amarah Anderson, Jason Stewers, Nicole Kaplan

CURRENT WEATHER: Cloudy windy 70s

GENERAL WEATHER DURING SESSION: *other beetles*

[illegible]



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 135WDATE/TIME OPENED: 28 May 2004 / 11:00 DATE/TIME CLOSED: 01 June 2004 / 15:00OBSERVERS: Amariah Anderson, Jason Stivers, Nicole KaplanCURRENT WEATHER: cloudy, windy, 70's

GENERAL WEATHER DURING SESSION: \_\_\_\_\_

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0				1 CURCU			✓	
A2	/								2 FORMS
A3	0				2 SCARAB			1 LYCOS	2 FORMS
A4	/								1 FORM
A5	0					1 GRAC			1 FORM
B1	0		1 ELOR		3 CURCU				
B2	/		1 ELOR					2 GNAP	
B3	0				2 SCARAB			1 LYCOS	
B4	/				1 SCARAB				
B5	0				1 CURCU				
C1	0		1 ELOR		2 CURCU				
C2	/		1 ELOR			1 GRAC			
C3	0				3 SCARABS				1 DIPTERA
C4	/	✓							
C5	1	1			3 SCARABS				
D1	1			1		1 GRAC			3 FORM
D2	1			4					
D3	1							1 THERI	
D4	1			1					
D5	1			1				1 GNAP	1 LARVAE

3 HORNED TOWNS SPOTTED ON GRID TODAY

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24NEDATE/TIME OPENED: 28 May 2004DATE/TIME CLOSED: 01 June 2004OBSERVERS: Amanah Anderson, Jason Stevens, Nicole KaplanCURRENT WEATHER: Cloudy, Windy, 70s. - Raining now!

GENERAL WEATHER DURING SESSION: \_\_\_\_\_

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0								1 FORM
A2	/			1				1 THER	
A3	0				1 CURCU				1 FORM
A4	/		2 EDOB			1 GRAC		1 THAM 1 THER	
A5	0	✓							
B1	0							1 THER	
B2	/		1 EDO	2		1 GRAC			
B3	0				1 CURCU				
B4	/								1 FORM
B5	0	✓							
C1	0	✓							
C2	/			1					1 LEPID
C3	0		1 EDO		1 SCARAB			1 LYCOS	2 FORMS
C4	/				2 SCARAB				
C5	0								2 FORMS
D1	/	✓							
D2	/		1 EDO	1	1 MELOID			1 AMP	
D3	/							1 GRAC	1 FORM
D4	/					1 GRAC		1 THER	
D5	/				1 CURCU				

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NKDATE/TIME OPENED: 5-27-04DATE/TIME CLOSED: 6-01-04OBSERVERS: J. Weaver, S. Ratering, Josh Metten, M.DCURRENT WEATHER: CloudyGENERAL WEATHER DURING SESSION: cool, cloudy

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1			1					Form-1 - (URCU-)
A2				1					
A3	1		ELFU-1						Form EXTRA-1
A4			ELEX-1						
A5	1								Form-1
B1	1			3					THUR
B2									Solph-1
B3	1	1							
B4									LYCO-2 UNKN-2 THUR
B5	1			2					
C1	1			2					Solph-1 Form-1 Form-8
C2				1					LYCO-1 GNAPH-1 Form-1
C3	1		ELEX-1						Form-1
C4				1-larva					
C5	1			1					
D1		1							
D2				1					LYCO-1
D3				2					Solph-1
D4				3					LYCO-2 2-FORMS
D5				1					GNAPH

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26 NWDATE/TIME OPENED: 5.29.04DATE/TIME CLOSED: 6.01.04 PMOBSERVERS: J. Weaver, M.D., S.R., Josh?CURRENT WEATHER: Windy P. CloudyGENERAL WEATHER DURING SESSION: Cool, cloudy

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1	-	-	4	-	-	-	-	-
A2	1	-	FLEX-1	1	-	-	-	-	1-Form
A3	1	-	COWS = Missing	-	-	-	-	1-ther	-
A4	1	-	-	-	-	-	-	-	2 Forms
A5	1	-	FLEX 2	4	-	-	-	4 miles	-
B1	1	-	-	8	-	-	-	-	-
B2	1	-	2-FLEX	-	-	-	-	-	1-Form
B3	1	-	1-Form	1	-	-	-	-	-
B4	1	-	-	1	-	-	-	-	1-Form
B5	1	-	-	-	-	-	-	1-ther	-
C1	1	-	1-Form	4	-	-	-	-	-
C2	1	-	-	1	-	-	-	-	1-Form
C3	1	-	-	4	-	-	-	1-ther	-
C4	1	-	-	1	-	-	-	-	1-Form
C5	1	-	-	2	-	-	-	-	1-Form
D1	1	-	-	1	-	-	-	-	3-Curcul 7-Form
D2	1	-	-	3	-	-	-	2-ther	1-Form
D3	1	-	1-ELHI	1	-	-	-	-	-
D4	1	-	1-ELOR	2	-	-	-	-	-
D5	1	yes	-	-	-	-	-	-	-





# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24 NEDATE/TIME OPENED: 12 JULY 2004 DATE/TIME CLOSED: 16 JULY 2004OBSERVERS: A. AndersonCURRENT WEATHER: Light wind, overcastGENERAL WEATHER DURING SESSION: Light wind, overcast

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1		1 SCRAB						
A2	0	✓							
A3	0		ELOB						
A4			ELOB						
A5		✓							
B1	0		ELOB	1					
B2	0								3 FORM
B3	0							THOM	561 pugida
B4									2 LARV
B5		✓							
C1	0		ELHI						1 GRYAC
C2	0							THOR	5 FORM
C3	0								2 FORM
C4			1 SCRAB						
C5									2 FORMS
D1								LYCO	1 FORM
D2			1 SCRAB						
D3									4 FORM
D4			ELOB					LYCO	1 LARV
D5		✓							

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 2611WDATE/TIME OPENED: 12 July 2004DATE/TIME CLOSED: 16 July 2004/08:45OBSERVERS: A. Anderson, S. Ratering, S. Cain, K. Dudley, J. Stevens, B. Greenwood, K. EberhardCURRENT WEATHER: Light wind, overcastGENERAL WEATHER DURING SESSION: Light Wind, overcast

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		2 SCRAB	1					Solpugidae
A2	/								Solpugidae
A3	/			3					4 FORMS
A4				2					3 FORMS
A5								SALT SOLP	SCRAB FORM
B1	/		6 ELEX	5			2 LYGAE	GNAPH	1 FORM
B2	/		1 SCRAB						
B3	/							THER	
B4		✓							
B5								LYCO THOM	GRYAL MUTIL
C1	/			4					
C2	/								ENCO 5 FORM
C3	/							3THOM	CURCU
C4				1	MELOD			LYCO THOM	5 FORM 1 MUTIL, ENCO
C5			ELEX						CURCU 4 FORMS
D1		✓							
D2				2					
D3		✓							
D4		✓							
D5				2					Solpugidae



**SGS-LTER Long-Term Monitoring Project**  
**Arthropod Abundance on Trapping Webs**

WEB CODE: 25 NEDATE/TIME OPENED: 12, July 2004 DATE/TIME CLOSED: 16 July 2004/11:40OBSERVERS: A. Anderson, S. Ratering + '04 LTER CREWCURRENT WEATHER: Light wind, overcastGENERAL WEATHER DURING SESSION: Windy, overcast

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0		ELEX						
A2	0		ELOB						
A3	0								2 FORM
A4	/								1 Solpugida
A5	/						LYGAE	THOM	
B1	0			1					
B2	1	✓							
B3	0	✓							
B4	0		ELOBSO,	3				THOM	LARV
B5	/		ELOBSO					THOM	
C1	0	✓							
C2	0	✓							
C3	0	✓							
C4	/						LYGAE		LYGAE
C5	/						LYGAE		
D1	/			1					1 FORM
D2	/	✓							
D3	/						OLYGAE		
D4	/		ELEX						
D5	/		ELEX, ELOBSO	1					CURCU

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 NWDATE/TIME OPENED: 12 July 2004 DATE/TIME CLOSED: 16 July 2004/10:35OBSERVERS: A. Anderson, S. Ratering + 2004 LTER CREWCURRENT WEATHER: OvercastGENERAL WEATHER DURING SESSION: Overcast

\* Note: Significant rain storm yesterday resulting in a few flooded traps.

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0								2 FORM
A2	0							LYCO	
A3	1		1 SCRAB						1 FORM
A4	✓	✓							Trap Flooded
A5	✓		EMMU			2 GRAC			3 FORM
B1	0					1 GRAC			7 FORM
B2	0								2 FORM
B3									4 FORM
B4	✓					1 GRAC			2 FORM
B5	✓	✓							
C1	0	✓							
C2	0								51 pupidia
C3	0		51 EDHI						
C4	✓	✓							
C5	✓	✓							
D1	✓								4 FORM
D2	✓							LYCO	3 FORM
D3	✓	✓							Flooded Trap
D4	✓								1 FORM
D5	✓	✓							

# SGS-LTER Long-Term Monitoring Arthropod Abundance

WEB CODE: 27 NE  
DATE/TIME OPENED: 7/12/04  
OBSERVERS: S. R. K. King  
CURRENT WEATHER: Clear  
GENERAL WEATHER DURING S

*Ammu = EMMU?  
ELLO need extris?*

16/04 8:15

Trap	No. In Hoop	Empty	Tenebrionidae (list by Sp)	Spiders	Other
A1	0				6-form
A2	0		ELOB	GNAP	
A3	0				5-form
A4			ELOB ELLO	(THTR)	Sol pugida
A5			ELOB		
B1	0				1-Form
B2	0				
B3	0				form
B4					2-form
B5			ELOB EMPL ELHI		Sol pugida
C1	0			LYGAE	
C2	0			GNAPH	
C3	0				form
C4			ELOB ELEX AMMU		
C5			Destroyed		
D1				Knaph	
D2		X			
D3			ELHI	2-bryac	7-forms
D4			AMMU		
D5			2-EMPL	1-bryac	Thom

*entradas  
this  
EMMU?*

*AMMU  
= EMMU?*



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 135WDATE/TIME OPENED: 6 Aug. 2004 / 11:20am DATE/TIME CLOSED: 10 Aug. 2004 / 10:40OBSERVERS: A. Anderson, S. CainCURRENT WEATHER: Sunny, hotGENERAL WEATHER DURING SESSION: Sunny, moderate wind

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0		ELOBSC.					THER	
A2	1		ELOBSC.			2 GRYAL			FORM
A3	0		ELOBSC.						MUTIL
A4	/		ELEX			GRYAL	LYGAE		2 FORM
A5	/		ELOBSC.						
B1	0	✓							
B2	0		ELOBSC.					SALT	FORM
B3	2							LYCO	7 FORM
B4	/		ELEX						
B5	/		2 ELEX EMMU						FORM CURCU
C1	0		ELOBSC.						
C2	0								2 FORM
C3	1								
C4	/		ELOBSC.						4 FORM
C5	/		ELOBSC.					THOR	MUTIL
D1	/		ELEX						
D2	/					GRYAL			
D3	/	✓							LE
D4	/		ELEX	1				THOM	LEAD MUTIL
D5	/		ELEX						

ELOBSC + ELOBSC  
in unknown of  
Tenebrionidae  
Ther = Ther or Thom?

Ther  
or  
Thom

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24NEDATE/TIME OPENED: 6 Aug. 2004 / 11:40DATE/TIME CLOSED: 10 Aug. 2004 / 11:15amOBSERVERS: A. Anderson, S. CainCURRENT WEATHER: Warm, SunnyGENERAL WEATHER DURING SESSION: Warm, Windy

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1		EMMU		SCRABIDAE			SALT	2 FORM 3 CURCU
A2	0						LYGAE	SOLP	
A3	0				SCRABIDAE				
A4	/						REDUV		HYMEN
A5	/								FORM
B1	2		ELOBSC. EMMU						MUTIL
B2	0								
B3	0		ELEX						FORM
B4	✓			1			LYGAE	THER	FORM
B5	/		ELEX						MUTIL
C1	1		ELOBSC.						
C2	1	✓							
C3	0						LYGAE		
C4	/								FORM
C5	/	✓							
D1	/							LYCO	
D2	/	✓							
D3	/		ELOBSC. ELEX, ELFU						
D4	/	✓							
D5	/							THER	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 261/WDATE/TIME OPENED: 6 Aug. 2004 / 9:30amDATE/TIME CLOSED: 10 Aug. 2004 / 09:25amOBSERVERS: A. Anderson, S. CainCURRENT WEATHER: Light wind, SunnyGENERAL WEATHER DURING SESSION: Warm, Sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0		ELOBSC.						MUTIL
A2	0		EMMU	3					
A3	0								3 FORM
A4	1								2 FORM
A5	1	✓			1				NOTE: Trap destroyed by cows
B1	1			2					
B2	0							SALT	
B3	0		ELFU				LYGAE Reduv		3 FORM
B4	1					GRYAC			
B5	1		ELOBSC.			GRYAC			
C1	0							THER	
C2	0			2					
C3	0	✓							
C4	1	✓							
C5	1							THER	
D1	1		ELOBSC.						
D2	1							THER	1 FORM
D3	1							THER	
D4	1							SALT	
D5	1	✓							

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 6 Aug. 2004 / 10:00am DATE/TIME CLOSED: 10 Aug. 2004 / 9:50OBSERVERS: A. Anderson, S. CainCURRENT WEATHER: Light wind, SunnyGENERAL WEATHER DURING SESSION: Sunny, <sup>some</sup> Wind

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0		L					7 THER	CURCU
A2	8							THER	
A3	1		ELHI						2 CURCU
A4	/							THER	
A5	/							THER	
B1	1	✓							
B2	0	✓							
B3	3		ELORSO.						
B4	/	✓							
B5	/					ACRID			
C1	2							THER	
C2	1		EMPLA						CURCU
C3	0	✓				ACRID			
C4	0		2 ELOB			ACRID		SALT	1 FORM
C5	X		2 ELOBSO.					LYCO	
D1	/		ELEX					THER	
D2	/	✓							
D3	/		EMCO						
D4	/		2 ELOBSO.						1 FORM
D5	/	✓							

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 NWDATE/TIME OPENED: 6 Aug. 2004 / 11:00DATE/TIME CLOSED: 10 Aug. 2004 / 10:20OBSERVERS: A. Anderson, S. CainCURRENT WEATHER: Light wind, sunnyGENERAL WEATHER DURING SESSION: Sunny, moderate wind

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	2							THER	
A2	1							THER	
A3	0							THER	MUTIL
A4	/	✓							
A5	/			2					
B1	0	✓							
B2	0	✓							
B3	0	✓							
B4	/	✓							
B5	/	✓				2 GRYL		LYCO	1 FORM
C1	1		SCAR		SCAR			THER	
C2	1				SCRABIDAE				
C3	0				SCRABIDAE				
C4	/	✓							
C5	/	✓							
D1	/	✓							
D2	/	✓							
D3	/	✓							
D4	/								2 FORM
D5	/			1					



GENERAL WEATHER DURING SESSION: Warm, windy

[illegible]

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 135WDATE/TIME OPENED: 09/02/04, 11:45DATE/TIME CLOSED: 01/07/04, 13:30OBSERVERS: S. R. L. King, A. AndersonCURRENT WEATHER: WarmGENERAL WEATHER DURING SESSION: Cool, Sunny + some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0	<del>0</del>							
A2	1		ELEX			Gryal			2-forms
A3	2	<del>0</del>							
A4		<del>0</del>	2-ELEX		ELFLO			1	
A5				1			VEEP		1-form VEEP
B1	1		ELFU ELLO			Gryal			2-adult 2-larv
B2	0		ELLO					2-Lyce	
B3	3							THOR	
B4			2-ELEX						3-form 2-larv
B5		<del>0</del>							
C1	1	<del>0</del>							
C2	0	<del>0</del>							
C3	0								Warm
C4									1-form
C5								THOR	
D1		<del>0</del>							
D2								CYCO	
D3									3-form
D4									3-larv 2-form
D5			EMMU						

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 124NEDATE/TIME OPENED: 09/02/04 14:00DATE/TIME CLOSED: 09/07/04, 14:00OBSERVERS: S. Rothering, J. AndersonCURRENT WEATHER: Sunny warmGENERAL WEATHER DURING SESSION: Cool, Sunny w/ some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0								2-forms
A2	0		ELFU		Curcul Scab				
A3	0								10-form
A4		1				Gryac			
A5					CINC			THER	
B1	0		ELOBSC						3-form
B2	3		EMPL	3					
B3	1								1-form
B4								THER	Dipt
B5									Dipt
C1	0			1					
C2	1	2							
C3	0	2							
C4									1-form
C5			EMPL						1-LURE
D1		2							
D2						Gryac			
D3						Gryac			2-form
D4			ELOBSC	2					
D5		2							

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26 NWDATE/TIME OPENED: 9.2.04/0940DATE/TIME CLOSED: 9.7.04/10:45OBSERVERS: A. Anderson, S. RateringCURRENT WEATHER: Sunny, clearGENERAL WEATHER DURING SESSION: Mostly sunny & warm, some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	1		2 EMMV	1					4 FORM
A2	3								12 FORM
A3	2		ELOBSC. EMMV						FORM
A4	/		ELOBSC. L					THER	FORM
A5	/						LYGAE	SOLP	7 FORM LARV
B1	1		ELEX	1					
B2	0			3					5 FORM
B3	1		ELOBSC.	1					CURCU 2 FORM
B4	/			1				GNAPH	LARV 3 FORM
B5	/			1				THER	LEPID
C1	1							THER	
C2	1		ELEX						
C3	2	2				ACRID			FORM
C4	/	/							LEPID 6 FORM
C5	/	/		2					2 FORM
D1	/	✓							Trap destroyed
D2	/								3 FORM
D3	/							THER	
D4	/							2 THER	
D5	/	✓							

**SGS-LTER Long-Term Monitoring Project**  
**Arthropod Abundance on Trapping Webs**

WEB CODE: 25 NBDATE/TIME OPENED: 9.2.04 / 10:15DATE/TIME CLOSED: 9.7.04 / 11:15OBSERVERS: A. Anderson, S. RateringCURRENT WEATHER: Sunny, clearGENERAL WEATHER DURING SESSION: Sunny & warm w/ some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	4	✓							FORM
A2	5								FORM
A3	0							LYCO	3 FORM
A4	/	✓							
A5	/	✓							
B1	0	✓							
B2	3		ELEX						LEPID
B3	4			1					
B4	/	✓							
B5	/							THER	
C1	/							THER	L ARV
C2	/		3 ELEX 4 ELFU					LYCO	
C3	/		2 ELFU						SOLP
C4	/	✓							
C5	/	✓							
D1	3	✓							
D2	0		EMMU						
D3	2						LYGAE		
D4	/							THER	
D5	/	✓							

**SGS-LTER Long-Term Monitoring Project**  
**Arthropod Abundance on Trapping Webs**

WEB CODE: 2000P 13NW  
 DATE/TIME OPENED: 09/07/04, 11:00 DATE/TIME CLOSED: 09/07/04, 12:00  
 OBSERVERS: S. Richardson, A. Anderson  
 CURRENT WEATHER: Mostly sunny  
 GENERAL WEATHER DURING SESSION: Cool, sunny w/ some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0							THER	
A2	3	<del>Q</del>							
A3	2	<del>Q</del>							
A4		<del>Q</del>							
A5						Gryae		LYCO	HO
B1	0						LYGAE		
B2	2							THER	
B3	1		ELFU					THER	
B4								THER	
B5			ELGBSO						LARV
C1	0		EMCO ELEX			2-Gryae		THER	
C2	0		EMCO ELEX			2-Gryae			
C3	2		ELGBSO						1 form
C4								THER	
C5						Gryae			
D1		<del>Q</del>	ELGBSE						
D2			ELGBSE						
D3			ELFU			Gryae			
D4		<del>Q</del>							
D5		<del>Q</del>	ELGBSE		2-GRY			THER	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27 NEDATE/TIME OPENED: 9.2.04 / 0900DATE/TIME CLOSED: 9.7.04 / 10:05OBSERVERS: A. Anderson, S. RateringCURRENT WEATHER: Sunny, clearGENERAL WEATHER DURING SESSION: Sunny, some evening rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	Ø							THTR	
A2	Ø								CURCU
A3	Ø		EMMU						LARV 3 FORM
A4	/	✓							
A5	/		ELFU			GRYAL			FORM
B1	Ø	✓							
B2	3								LARV 2 FORM
B3	1							THTR	3 FORM
B4	/							THTR	
B5	/			1			LYGAE		
C1	2		EMMU						2 FORM
C2	Ø								6 FORM
C3	2		ELOBSE.					LYLO	
C4	/		3EMCO					3THTR	
C5	/								2 FORM
D1	/	✓							
D2	/		ELOBSE.						CURCU
D3	/					GRYAL		GNAPH	3 FORM
D4	/					ACRID			SOLF DIPT
D5	/		ELFU	1					4 FORM