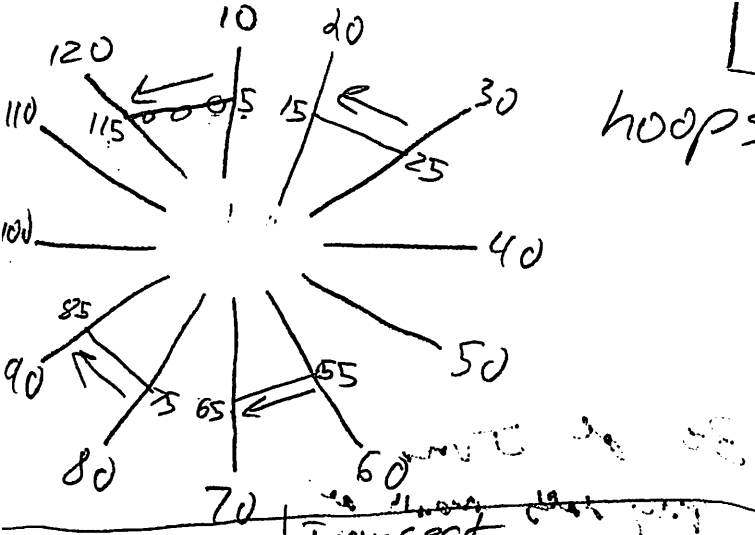


# Grasshopper Count Data

hoops sampled east to west.



Transect					Transect				
Hoop #	5/115	25/15	55/65	75/85	Hoop #	5/115	25/15	55/65	75/85
1	0	0	0	0	1	0	1	0	0
2	0	1	0	1	2	0	0	0	0
3	0	0	0	0	3	0	0	0	0
4	0	0	1	0	4	0	1	1	0
5	1	0	0	0	5	0	0	0	0
13NE					13NW				
1	1	1	1	1	1	0	1	0	1
2	2	0	2	1	2	1	1	0	0
3	2	1	0	1	3	0	0	0	0
4	1	1	1	1	4	0	0	0	1
5	1	2	0	3	5	1	0	1	1
13SE					13SW				
1	1	0	0	0	1	0	1	0	0
2	1	0	1	0	2	0	0	0	0
3	2	0	0	0	3	0	0	0	0
4	0	0	0	0	4	0	1	1	1
5	0	0	0	1	5	1	0	0	0

30 of June  
pay roll month of  
June

## Project Summary Sheet – Year 2005

Project Name SGS-LTER Long-term Monitoring Project - Arthropod Abundance on trapping webs.

Project Number 118

Principal Investigator(s) Paul Stapp

Dates of Data Collection 6/6-6/10; 7/1-7/05; 8/1-8/5; 9/8-9/12/2005

Plot Names / Specific Location of study area(s)

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

Full Names of Data Collectors Amanda Anderson, Aaron Stevens, J. Pelner, B. Gley, J. Kraft, W. McBride, M. Hendricks, C. Carter

Names of Associated Files and Databases Ascalon / LTER / Projects / Data Entry / ARS#118-ArtnWeb-Data / WebArtn-2005-153.xls

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

trapping dates

Questions and Concerns

Date copies of data sheets were sent to PI(s) 1/27/06

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

Names of any other persons given copies of data sheets

Info Mgr, Nicole Kaplan - filed in NR218

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 NWDATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 9:15 amOBSERVERS: A. Anderson, T. Stevens, J. Pelnar, B. Gley, J. KraftCURRENT WEATHER: Cool, SprinklesGENERAL WEATHER DURING SESSION: Mild, Sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	
A2	/	✓	—	—	—	—	—	—	
A3	/	—	—	—	—	—	—	—	FORM
A4	/	—	CERAM	—	SCRAB 4 CURCU	—	—	—	FORM
A5	/	—	ELOB	1	CURCU	—	LYGAE	—	9 FORM
B1	Ø	—	—	—	—	—	—	—	20 FORM
B2	Ø	—	—	—	—	—	—	GNAPH SOLF THER	LICO
B3	4	—	EMPL, ELFU	4	—	—	—	GNAPH	5 FORM
B4	/	—	ELOB	1	—	—	PENT	—	
B5	/	—	PAEL	—	—	—	PENT	—	6 FORM
C1	Ø	—	2 ELFU	—	—	—	—	—	4 FORM
C2	2	✓	—	—	—	—	—	—	
C3	3	—	2 EMMU	—	4 SCRAB	—	—	—	3 FORM
C4	/	—	—	3	—	—	—	—	
C5	/	—	ELOB SCRAB	1	—	—	—	—	4 FORM LARV
D1	Ø	—	—	—	—	—	—	THER	
L2	Ø	—	—	—	—	—	—	—	3 FORM
D3	1	—	—	—	2 SCRAB	—	—	—	
D4	/	—	—	—	1 SCRAB	—	—	SALT	4 FORM
D5	/	—	—	1	—	—	—	2 LICO	FORM

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13SWDATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 9:00amOBSERVERS: A. Anderson, J. Stevens, J. Polnar, B. Gley, J. RraftCURRENT WEATHER: Cool, cloudy, overcastGENERAL WEATHER DURING SESSION: Mild, warm

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	—
A2	/	—	—	1	—	GRYAC	—	—	—
A3	/	—	2PAEL	—	—	—	—	—	—
A4	/	—	2ELOB	1	—	—	—	—	14 FORM
A5	/	—	—	—	—	—	—	THOM	—
B1	0	—	—	—	—	—	—	LYCO	2 FORM
B2	0	—	—	1	—	GRYAC	PENT	—	16 FORM
B3	0	—	ELObscura	—	—	GRYAC	—	—	2 FORM
B4	/	—	—	—	—	—	—	—	20 FORM
B5	/	—	CERAM	—	—	—	—	—	12 FORM
C1	0	—	—	1	—	—	—	—	4 FORM
C2	0	—	—	5	—	—	PENT	—	—
C3	0	—	ELObsoleta	3	—	GRYAC	—	LYCO	—
C4	/	✓	—	—	—	—	—	—	—
C5	/	—	CERAM	—	SCARB	—	PENT	2LYCO	4 FORM
D1	0	—	—	1	—	—	—	THER	FORM
D2	0	—	—	3	—	—	—	—	—
D3	0	—	—	—	—	—	—	—	FORM
D4	/	—	—	5	—	—	—	—	20 FORM 2 LARV
D5	/	—	—	2	—	—	—	—	—

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24N6DATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 9:30OBSERVERS: A. Andersen, J. Stevens, B. Gley, J. Pelnar, J. KraitCURRENT WEATHER: cool, sprinklingGENERAL WEATHER DURING SESSION: Mild, warm

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1		-	-	-	-	-	-	-	FORM
A2		-	ELFU	-	CURCU	-	PENT	THER	
A3			ELLO, ELOB	-	-	-	-	-	6 FORM
A4			ELObsoluta	1	SCARB	GRYAC	PENT		LARV
A5		✓	-	-	-	-	-	-	
B1		-	-	-	-	-	-	-	FORM
B2		-	ELObscura	-	-	2GRYAC	-	LYCO	FORM
B3		-	-	-	-	-	-	2LYCO THER	
B4	/	-	-	-	-	-	-	THER	FORM
B5	/	-	-	-	-	-	-		
C1	Ø	-	-	-	SCARB	-	-	THER	
C2	2	✓	-	-	-	-	-	-	
C3	4	-	ELObscura	1	-	2unkn chickit.	-	LYCO	
C4	/	✓	-	-	-	-	-	-	
C5	/	-	-	-	-	-	-	THER	2 FORM
D1	1	✓	-	-	-	-	-	-	
D2	Ø	✓	-	-	-	-	-	-	
D3	Ø	-	-	-	-	-	-	THER	
D4	/	-	-	1	-	-	-	-	MUTIL
D5	/	✓	-	-	-	-	-	-	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 9:55amOBSERVERS: A. Anderson, J. Stevens, J. Pelnar, B. Gilky, J. KraftCURRENT WEATHER: Pouring rain, coldGENERAL WEATHER DURING SESSION: Mild, warm & sunny

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

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26NWDATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 10:15amOBSERVERS: A. Anderson, J. Stevens, J. Pelner, B. Gley, J. KraftCURRENT WEATHER: cool, rainingGENERAL WEATHER DURING SESSION: Warm, mild

T ap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	9	—	—	6	—	—	—	—	
A2	10	—	—	1	—	—	—	—	SOLP
A3	6	✓	—	—	—	—	—	—	
A4	/	—	EL Obsolete	3	—	ACRID	—	—	
A5	/	✓	—	—	—	—	—	—	
B1	15	—	—	—	—	ACRID	—	—	SOLP
B2	10	✓	—	—	—	—	—	—	
B3	6	—	—	—	—	—	—	—	DISP, LARV 2 FORM
B4	/	✓	—	—	—	—	—	—	
B5	/	—	—	—	CURCU	—	—	—	FORM
C1	3	✓	—	—	—	—	—	—	
C2	8	—	—	2	—	—	—	—	THER
C3	5	✓	—	—	—	—	—	—	
C4	/	✓	—	—	—	—	—	—	
C5	/	—	—	—	—	—	—	—	5 FORM
D1	/	—	—	2	—	—	—	—	LARV
D2	/	—	—	15	—	—	—	—	
D3	/	—	—	—	SCARB	—	—	—	LYCO THER
D4	/	—	—	—	—	—	—	—	THER
D5	/	✓	—	—	—	—	—	—	



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 6.6.05DATE/TIME CLOSED: 6.10.05 10:30OBSERVERS: A. Anderson J. Stevens, J. PernaCURRENT WEATHER: Overcast, coolGENERAL WEATHER DURING SESSION: Mild, warm

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	-	PAEL	-	-	-	-	THER	
A2	/	-	-	-	-	-	-	THER	
A3	/	-	-	-	CINC	-	-	-	
A4	/	✓	-	-	-	-	-	-	
A5	/	-	-	-	-	-	-	THER	
B1	1	-	-	-	-	-	-	-	10 FORM
B2	7	-	-	1	-	-	-	-	
B3	1	-	-	1	-	GRYAC	-	-	2 FORM
B4	/	✓	-	-	-	-	-	-	
B5	/	-	-	1	-	-	-	-	
C1	Ø	✓							
C2	3	-	-	-	-	-	-	-	FORM
C3	2	-	EMMU	-	-	GRYAC	-	-	
C4	/	✓	-	-	-	-	-	-	
C5	/	-	-	1	-	-	-	-	
D1	Ø	-	-	-	PAEL	-	-	-	
D2	Ø	✓	-	-	-	-	-	-	
D3	7	-	-	4	-	-	-	GNAPT	
L4	/	✓	-	-	-	-	-	-	
D5	/	-	EL OB	-	-	2 ACRIØ GRYAC	-	-	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 NWDATE/TIME OPENED: 7.1.05DATE/TIME CLOSED: 7.5.05, 2:10 pmOBSERVERS: A. Anderson, J. Stevens, W. McBride, M. Hendricks, B. GleyCURRENT WEATHER: Hot, L. breezeGENERAL WEATHER DURING SESSION: Mostly hot, a little rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		—	—	—	—	—	LYCO	
A2	/		—	—	—	—	—	THER	
A3	/		—	—	—	—	—	LYCO	
A4	/	✓	—	—	—	—	—	—	
A5	/		EL OBsura	1	—	GRYAC	PENT	—	SOLP 6 FORM
B1	12							LYCO	LYCO
B2	0		ELLO	1	—	—	PENT	THOM	DERMA
B3	0			1	—	—	—	—	Halictidae
B4	/		ELFU	—	—	—	—	LYCO	10 FORM 1
B5	/		—	2	—	—	—	LYCO	LARV 3 FORM
C1	2	✓	—	—	—	—	—	—	
C2	3		2 EL OBs	—	—	—	—	—	
C3	4		ELHI	1	—	GRYAC	—	2 THOM	4 FORM MUTIL
C4	/		ELFU	—	—	—	PENT	LYCO	LARV
C5	/		—	—	—	—	—	THER LYCO	6 FORM
D1	0		—	—	—	—	—	—	FORM
D2	3		—	—	—	—	—	LYCO	2 LYCO 3 FORM
D3	9		—	1	—	—	—	—	SOLP
D4	/		EL OBsaleta	1	—	—	PENT	—	2 FORM
D5	/		—	1	—	—	—	LYCO	3 FORM

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13SWDATE/TIME OPENED: 7.1.05DATE/TIME CLOSED: 7.5.05, 2:36 pmOBSERVERS: A.A., J.S., W.M., M.H., B.G.CURRENT WEATHER: HOT! No breezeGENERAL WEATHER DURING SESSION: Warm, some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	✓	✓	—	—	—	—	—	—	
A2	✓		—	—	—	—	—	THOM	4 FORM
A3	✓	✓	—	—	—	—	—	—	
A4	✓		EL Obscura	—	—	—	—	—	6 FORM 3 LARV
A5	✓		—	—	—	—	—	LYCO	6 FORM
B1	1		—	—	—	GRYAC	—	—	6 FORM
B2	0		ELFU	—	—	—	—	—	2 FORM
B3	0					GRYAC	PENT	2 THOM	5 FORM 3 LARV
B4	✓		—	—	—	—	—	—	FORM LARV
B5	✓		EL Obscura	—	—	—	—	LYCO	FORM DIPT
C1	2		EL Obscura	1	—	—	—	—	5 FORM
C2	7	✓	—	—	—	—	—	—	
C3	6		EL Obscura ELFU	—	—	—	—	THOM	5 FORM
C4	✓		—	—	—	—	—	—	FORM
C5	✓		—	—	CURCU	—	LYGAE	SALT	5 FORM LARV
D1	2		—	—	—	GRYAC	—	—	
D2	0		EL Obscura	3	—	—	PENT	GNAPH	3 FORM
D3	3		—	—	PAEL	—	—	—	5 FORM
D4	✓		—	1	PAEL	—	—	LYCO	5 FORM 1 LARV
D5	✓	—	HEL FU	2	—	—	—	—	LARV

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24NKDATE/TIME OPENED: 7.1.05DATE/TIME CLOSED: 7.5.05OBSERVERS: AA, JS, WM, BG, MHCURRENT WEATHER: Hot, no breezeGENERAL WEATHER DURING SESSION: warm, some rain

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	✓		—	—	—	—	PENT	—	Italictidae
A2	✓		—	1	—	—	—	SALT	LARV 4 FORM
A3	✓		EL Obscureta	—	—	—	—	—	4 FORM
A4	✓		3 ELFU	1	SCARB (CURCU)	—	REDVV	THOR	2 LARV FORM
A5	✓		EL FU	—	—	—	11 LYGAE	—	* Spider mite: (Red) ~20
B1	1		—	—	—	—	—	—	FORM
B2	0		—	—	PAEL	—	—	THOM	
B3	0		—	—	—	—	—	—	2 FORM
B4	✓	✓	—	—	—	—	—	—	
B5	✓		—	—	—	—	5 LYGAE	—	
C1	1		—	1	—	—	—	SOLP	5 FORM
C2	2		—	—	2 CURCU	—	—	LYCO	
C3	3	✓	—	—	—	—	—	—	
C4	✓	✓	—	—	—	—	—	—	
C5	✓		EL Obscureta	—	—	—	—	—	
D1	3		—	—	—	—	—	—	2 FORM
D2	1		—	—	—	—	—	GNAPH	2 FORM
D3			EL Obscureta	—	—	GRYAC	—	—	LARV
L4	✓		2 EL Obscureta EL Obscureta	1	—	—	—	—	2 FORM
D5	✓	✓	—	—	—	—	—	—	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 7.1.05DATE/TIME CLOSED: 7.5.05OBSERVERS: AA, JS, WM, BG, MHCURRENT WEATHER: Hot, light breezeGENERAL WEATHER DURING SESSION: Warm, some precip.

1.ap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	
A2	/		—	—	—	—	PENT	—	
A3	/		EL Obscurita	—	—	—	—	—	
A4	/	✓	—	—	—	—	—	—	
A5	/		—	—	—	—	—	LYCO	
B1	/	✓	—	—	—	—	—	—	
B2	/		EL Obscura	—	—	—	—	—	
B3	4		—	—	—	—	—	—	FORM
B4	1		—	—	—	—	PENT	—	FORM
B5	9		—	—	—	—	—	LYCO	
C1	/	✓	—	—	—	—	—	—	
C2	/		—	—	—	—	—	—	FORM
C3	2		—	—	—	—	—	LYCO	
C4	0		—	—	—	ACHRID	—	—	
C5	3		—	—	—	—	—	—	3 FORM
D1	/		—	—	—	—	—	LYCO	3 FORM
D2	/		—	—	—	—	—	LYCO	
D3	0	✓	—	—	—	—	—	—	
D4	0		—	—	—	—	—	—	FORM
D5	5		EL Obscurita	—	—	—	—	—	FORM



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 7.1.05DATE/TIME CLOSED: 7.5.05 4:00 pmOBSERVERS: AA, JS, WM, BG, MHCURRENT WEATHER: Hot, no windGENERAL WEATHER DURING SESSION: warm, some precip

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	—		—	—	—	—	—	—	3 LARV
A2	—		EL Obscura EL Obscureta	—	—	—	—	—	2 LARV
A3	—	✓	—	—	—	—	—	—	
A4	—		—	—	—	—	PENT	—	7 FORM
A5	—		EL Obscura	—	—	—	—	—	6 FORM
B1	8		—	—	—	—	7 LYGAE	—	
B2	12		—	—	—	—	LYGAE	—	FORM
B3	9	✓	—	—	—	—	—	—	
B4	—		EL Obscureta	—	—	—	—	—	
B5	—						L-1 GAË	LYCO	
C1	2		—	—	—	—	LYGAE	—	
C2	6		—	—	—	—	—	—	Halictidae 2 FORM
C3	4		—	—	—	—	—	—	3 FORM
C4	—		ELFU EL Obscureta	—	—	—	3 PENT	—	3 FORM
C5	—	✓	—	—	—	—	—	—	
D1	6		—	—	—	—	PENT	—	
D2	6		EL Obscura	—	—	—	—	—	
D3	6		—	—	—	—	—	LYCO	
D4	—	✓	—	—	—	—	—	—	
L5	—		—	—	—	—	—	—	—

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

P. Stapp, 4/98

WEB CODE: 13NW

DATE/TIME OPENED: 8.1.05

DATE/TIME CLOSED: 8.5.05 8:16 am

OBSERVERS: A. Anderson, J. Stevens, A. Arsen, M. Hendrick, W. McBride, J. Pelnar,

CURRENT WEATHER: L. breeze, overcast C. Carter, B. Gley

GENERAL WEATHER DURING SESSION: Hot in beginning of week, then cooled down w/ rain yesterday

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		-	-	-	-	-	LYCO	
A2	/		-	-	-	-	-	-	
A3	/		-	2	PAEL	ACRID	-	-	
A4	/	✓	-	-	-	-	-	-	FORM
A5	/		El Obscura El Obsolete			GRILL	PENT		9 FORM
B1	1	✓	-	-	-	-	-	-	
B2	2								VEST 2 FORM
B3	4		El. Obsolete	1	-	-	-	-	
B4	/		-	-	-	-	-	-	2 FORM
B5	/		El Obsolete	-	-	-	-	-	FORM
C1	0		-	-	-	-	-	-	FORM
C2	0		EL. LO	-	-	-	-	-	3 FORM
C3	3		2 EL. Obsolete EL. Obscura	-	-	-	-	-	3 FORM
C4	/		El. FU, El. Obscura	-	-	-	-	LYCO	FORM
C5	/		El. Obsolete El FU	1	-	-	-	-	FORM
D1	3	✓	-	-	-	-	-	-	-
D2	2		-	-	-	-	-	THOM	
D3	8		-	-	-	ACHRID	-	-	
D4	/		El. Obscura	-	-	-	-	-	-
D5	/	✓	-	-	-	-	-	-	-



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 13 SW  
 DATE/TIME OPENED: 8.1.05 DATE/TIME CLOSED: 8.5.05, 8:45am  
 OBSERVERS: A. Anderson, J. Stevens, M.H., W.M., B.G., J.P., C.C.  
 CURRENT WEATHER: Warm, slight breeze  
 GENERAL WEATHER DURING SESSION: See 13 NW

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		ELEX	-	-	-	-	-	
A2	/			2	-	-	-	-	3 FORM
A3	/		-	-	-	-	PENT	-	
A4	/		-	1	-	-	-	-	
A5	/		-	2	-	-	PENT	-	4 FORM
B1	/		-	-	-	-	-	-	FORM
B2	/		-	-	-	-	-	THEK	8 FORM
B3	Ø		-	4	-	-	PENT	3 EALT	-
B4	2		-	-	-	-	-	-	5 FORM
B5	3		El Obsolete	-	-	-	PENT	GNAPH	2 FORM
C1	/		El Obsolete	-	SCRAB	-	PENT	-	FORM
C2	/	✓	-	-	-	-	-	-	
C3	1		-	-	-	-	-	-	FORM
C4	2		El Obsolete	-	-	-	-	-	FORM
C5	6		-	-	-	-	LYGAE	-	10 FORM
D1	/		-	1	-	-	2 PENT	-	5 FORM
D2	/		E110	-	-	-	PENT	-	
D3	2		-	1	-	-	-	-	
D4	5		El. Obscura	1	-	-	-	-	4 FORM
D5	4		El. Obscura	-	-	PAEL	-	-	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 24 NEDATE/TIME OPENED: 8.1.05DATE/TIME CLOSED: 8.5.05 9:10amOBSERVERS: A. Anderson, J. Stevens, M.H., W.M., J.P., C.C., A.A., B.G.CURRENT WEATHER: Warm, breezyGENERAL WEATHER DURING SESSION: Sec 13 NW

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	✓		—	—	—	—	—	—	4 FORM
A2	✓		EL Obscura	—	—	—	—	SOLP	
A3	✓		EL Obscura EL Obsoleta	—	PAEL	—	PENT	—	
A4	✓		SCRAB	—	PAEL	—	6 Hemip	—	
A5	✓		—	—	—	—	3 LYGAE 10 Hemip	—	
B1	✓		ELLO	—	—	—	4 LYGAE	—	—
B2	✓		BELLO	—	—	GRYLL	—	—	FORM
B3	2		—	—	—	—	—	—	4 FORM
B4	0		—	1	—	—	—	—	2 FORM
B5	8		—	—	—	—	20 HEMIP LYGAE	LYCO	
C1	✓		2 EL Obsoleta	—	—	—	—	—	4 LARV
C2	✓		—	—	—	GRYAC	1	—	
C3	3		—	—	—	—	2	GNAPH	3 FORM
C4	2		—	—	—	—	7 LYGAE 3 Hemip	LYCO	
C5	6		—	1	—	—	LYGAE	LYCO	
D1	✓	✓	—	—	—	—	—	—	
D2	✓		—	—	—	—	—	—	4 FORM
D3	1		—	—	—	—	—	—	FORM
D4	2		—	—	—	—	—	THEX GNAPH	FORM
D5	0	✓	—	—	—	—	—	—	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25NEDATE/TIME OPENED: 8.1.05DATE/TIME CLOSED: 8.5.05 9:30amOBSERVERS: A. Anderson, J. Stevens, B.G., J.P., C.C., W.M., M.H., A.A.CURRENT WEATHER: Warm, windyGENERAL WEATHER DURING SESSION: See 13NW

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			—	1	—	—	—	THER LYCO	
A2			SEI Obsolete						
A3		✓	—	—	—	—	—	—	
A4	✓		El Obsolete Elfu	—	—	—	—	—	
A5	✓		—	—	—	—	—	THER	FORM
P1	✓		—	—	—	—	COREI	—	3 FORM
B2	✓	✓	—	—	—	—	—	—	
B3	7		El Obsolete	—	—	—	—	THER	
B4	3	✓	—	—	—	—	—	—	
B5	12		3 El Obsolete	—	—	—	—	THER	
C1	✓		—	1	—	—	—	THER	
C2	✓	✓	—	—	—	—	—	—	
C3	1		El Obsolete	—	—	—	—	THER	FORM
C4	2		El Obscura				Hemip.		
C5	6		El Obsolete S <sub>2</sub>	—	—	—	—	—	
P1	✓	✓	—	—	—	—	—	—	
D2	✓	✓	—	—	—	—	—	—	
D3	8		—	—	—	—	—	LYCO	FORM
D4	2		—	—	CURCU	—	—	—	
D5	7		—	15	—	—	—	LYCO	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26 N~~W~~DATE/TIME OPENED: 8.1.05DATE/TIME CLOSED: 8.5.05, 9:50 amOBSERVERS: A. Anderson, J. Stevens, B.G., J.P. M.H., W.M., C.E., A.A.CURRENT WEATHER: Windy, sunnyGENERAL WEATHER DURING SESSION: Sec 13NW

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		El fu	—	CERA	—	—	—	2 FORM
A2	/		—	—	—	—	—	—	2 FORM
A3	/		El Obsoleta	—	—	—	—	—	FORM
A4	/	✓	—	—	—	—	—	—	
A5	/		El Obscura	1	—	—	—	—	FORM
P1	/		—	1	—	—	—	—	FORM
B2	/		—	1	—	2 ACRID	—	—	
B3	13	✓	—	—	—	—	—	—	
B4	8		—	1	—	—	—	—	
B5	6	✓	—	—	—	—	—	—	
C1	/	✓	—	—	—	—	—	—	
C2	/		—	2	—	—	—	THER	
C3	4		El Obsoleta	1	—	—	—	LYCO	
C4	6	✓	—	—	—	—	—	—	
C5	8	✓	—	—	—	—	—	—	
P1	/		—	—	—	ACRID	—	THER	FORM
D2	/		—	2	—	—	—	—	
D3	7		El Obsoleta	—	—	—	—	—	
D4	4	✓	—	—	—	—	—	—	
D5	2		4 El Obsoleta	1	—	—	—	—	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27 NEDATE/TIME OPENED: 8.1.05DATE/TIME CLOSED: 8.5.05, 10:04OBSERVERS: A. Anderson, J. Stevens, M.H., WM, JP, BG, CC, AACURRENT WEATHER: Warm, sunny, windGENERAL WEATHER DURING SESSION: Sec 13NW

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		—	—	—	1	2 LYGAE 2 Hemip	—	
A2	/		—	—	—	—	2 PENT	—	
A3	/		—	—	—	—	2 PENT Hemip	—	FORM
A4	/		—	7	—	—	—	—	
A5	/		El Obsoleto	—	—	—	—	—	
B1	/		El FU	—	—	—	PENT	—	FORM
B2	/	✓	—	—	—	—	—	—	
B3	4		El Obscura	—	CERA	—	COREI	—	
B4	10		El FU	—	—	—	—	—	
B5	6		—	—	—	—	3 LYGAE 2 Hemip	—	
C1	/		—	—	—	—	—	LYCO	FORM
C2	/		2 El fu	—	—	—	—	THER	
C3	9		—	1	—	—	—	—	
C4	7		El Obsleto	—	—	—	—	—	3 FORM
C5	16	✓	—	—	—	—	—	—	
D1	/		—	1	—	GRYAC	—	—	
D2	/		—	—	—	—	3 Hemip	—	
D3	20		—	1	—	—	—	—	
D4	4	✓	—	—	—	—	—	—	
D5	7		—	—	—	—	—	—	6 FORM

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 131W

DATE/TIME OPENED: 9.8.05

OBSERVERS: A. Anderson, J. Stevens

CURRENT WEATHER: Hot, slight breeze

GENERAL WEATHER DURING SESSION: Hot

DATE/TIME CLOSED: 9.12.05, 10:45

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	
A2	/		—	—	—	—	—	THIR	
A3	/	✓	—	—	—	—	—	—	
A4	/	✓	—	—	—	—	—	—	
A5	/		ELLO	3	GRYAC	—	—	—	SKIN 2 FORM
B1	0		—	—	—	—	—	THIR	
B2	2	✓	—	—	—	—	—	—	
B3	3		—	—	—	—	—	THIR	6 FORM
B4	/		—	—	—	—	—	THIR	4 FORM
B5	/	✓	—	—	—	—	—	—	FORM
C1	0		—	—	—	—	—	THIR	4 FORM
C2	0		—	3	—	GRYAC	—	—	
C3	6		EL OSCURA	—	SCAB	—	—	THOM	2 FORM
C4	/		—	—	—	—	—	THIR	
C5	/		—	3	—	—	—	—	DIP
D1	0		—	—	—	—	—	THIR	
D2	1		—	—	—	—	—	—	2 FORM
D3	2		—	2	—	GRYLL	—	—	
D4	/		—	—	—	—	—	THIR	
D5	/		EL OSCURA	1	—	—	—	—	3 FORM

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: BSWDATE/TIME OPENED: 9.8.05DATE/TIME CLOSED: 9.12.05, 11:08amOBSERVERS: A. Anderson, J. StevensCURRENT WEATHER: Hot, slight breezeGENERAL WEATHER DURING SESSION: Hot

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	
A2	/		—	1	SCARB	—	—	THEK	
A3	/		—	1	—	—	—	—	
A4	/		—	1	—	—	—	—	APIB
A5	/		—	—	PAEL CURCU	—	—	—	
B1	0		—	—	—	GRYAC	—	—	FORM APB
B2	0		—	—	—	GRYLL GRYAC	—	—	
B3	1		—	4	SCRAB	GRYAC	—	LYCO	FORM
B4	/	✓	—	—	—	—	—	—	
B5	/	✓	—	—	—	—	—	—	
C1	1		—	2	—	GRYAC	—	—	2 FORM
C2	7		EL OBSOLETA	—	—	—	—	—	
C3	2		—	3	—	GRYLL	—	—	6 FORM
C4	/		EL OBSCURA	1	—	—	—	—	
C5	/		EL FU	2	—	—	—	—	
D1	0		—	2	—	—	—	—	
D2	0		—	—	—	—	—	2 LYCO	4 FORM
D3	0		EL FU	4	—	—	—	—	5 FORM
D4	/		—	2	—	GRYAC	—	—	
D5	/	✓	—	—	—	—	—	—	

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

WEB CODE: 24NE

DATE/TIME OPENED: 9.8.05

OBSERVERS: A. Anderson, J. Stevens

DATE/TIME CLOSED: 9.12.05, 11:39am  
 CURRENT WEATHER: Hot, partly windy, clear  
 GENERAL WEATHER DURING SESSION: hot

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	Ø		2 EL OSCURA 2 ELFU	1	-	-	-	-	FORM
A2	Ø		EL OBSOLETA	-	-	-	-	-	APID
A3	Ø		-	-	-	-	-	-	12 FORM
A4	Ø		EL OBSCURA	-	-	-	-	-	-
A5	Ø		-	1	-	-	52 YGAE	-	-
B1	1		-	1	SCARB	-	-	-	2 FORM
B2	Ø		EMCO	-	-	-	-	-	-
B3	4	✓	-	-	-	-	-	-	-
B4	Ø		EL OBSCURA	-	-	-	-	-	-
B5	Ø		EL OBSCURA	2	-	-	31 YGAE	26 NAPH	-
C1	3	✓	EL OBSCURA	3	-	-	-	-	2 FORM
C2	Ø	✓	-	-	-	-	-	-	-
C3	Ø		-	-	-	-	-	-	7 COREIDA
C4	Ø		EL OBSCURA	2	-	-	-	-	-
C5	Ø		2 EL EX	-	-	-	-	-	FORM
D1	Ø		-	1	SCARB	-	111 YGAE	-	-
D2	Ø	✓	-	-	-	-	-	-	-
D3	Ø		-	1	-	-	-	-	2 FORM
D4	Ø		-	-	-	-	-	-	3 COREIDA
D5	Ø		EMCO, EMPL 4 ELFU	-	SCARB	-	-	-	-



# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 9.8.05DATE/TIME CLOSED: 9.12.05, 12:18 pmOBSERVERS: A. Anderson, J. StevensCURRENT WEATHER: Hot, WindyGENERAL WEATHER DURING SESSION: Hot

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/	✓	—	—	—	—	—	—	
A2	/	✓	—	—	—	—	—	—	
A3	/		3 EL EX	—	—	—	—	—	2 FORM
A4	/		10 EL EX	—	—	—	—	—	FORM
A5	/		—	1	—	—	—	—	—
B1	Ø		—	1	—	—	—	—	
B2	Ø		—	—	—	GRYAC	—	—	
B3	Ø		—	—	—	—	LYGAE	—	
B4	/		—	—	—	—	—	LYLO	2 FORM
B5	/	✓	—	—	—	—	—	—	
C1	Ø		—	1	—	—	—	—	—
C2	Ø	✓	—	—	—	—	—	—	
C3	Ø		2 OBSOLETA	2	—	—	—	—	
C4	/		—	—	—	—	—	—	SOLP
C5	/		—	1	—	—	—	—	
D1	Ø	✓	—	—	—	—	—	—	
D2	Ø		—	—	—	—	—	—	—
D3	2		—	—	—	—	—	—	—
D4	/		—	2	—	—	—	—	
L5	/	✓	—	—	—	—	—	—	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 26 NWDATE/TIME OPENED: 9.8.05DATE/TIME CLOSED: 9.12.05, 12:39 pmOBSERVERS: A. Anderson, J. StevensCURRENT WEATHER: Warm, WindyGENERAL WEATHER DURING SESSION: HOT

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	0	✓	—	—	—	—	—	—	
A2	3		—	3	—	—	—	—	
A3	2		2 EL OBSOLETA	—	—	—	—	—	
A4	/		—	6	—	—	—	—	3 FORM
A5	/		—	—	—	—	—	—	—
B1	0	✓	—	—	—	—	—	—	
B2	0		—	—	—	—	—	—	—
B3	0		EMMU	4	—	—	—	—	2 FORM
B4	/	✓	—	—	—	—	—	—	
B5	/		—	1	—	—	—	—	
C1	4	✓	—	—	—	—	—	—	
C2	0		—	—	—	—	—	—	LYCO
C3	2	✓	—	—	—	—	—	—	
C4	/		EMMU, 2 ELHI	12	—	—	—	—	
C5	/	✓	—	—	—	—	—	—	
D1	/		—	2	—	—	—	—	
D2	/		—	2	—	—	—	—	
D3	/		EL OBSOLETA	3	—	—	—	—	
D4	/	✓	—	—	—	—	—	—	
D5	/		—	4	—	—	—	—	

# SGS-LTER Long-Term Monitoring Project

## Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 9.8.05DATE/TIME CLOSED: 9.12.05, 12:55pmOBSERVERS: A. Anderson, T. StevensCURRENT WEATHER: Warm, nice windGENERAL WEATHER DURING SESSION: Hat

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	/		—	2	—	—	—	2 LYCO	
A2	/		—	1	—	—	2 YGAE	—	
A3	/	✓	—	—	—	—	—	—	
A4	/		—	—	—	GRYAC	—	—	
A5	/	✓	—	—	—	—	—	—	
B1	/	✓	—	—	—	—	—	—	
B2	/		—	—	—	GRYAC	—	—	2 FORM
B3	1		—	3	—	—	—	THEK	
B4	2		—	3	—	—	—	—	
B5	6		—	—	—	—	2 LYGAE	LYCO	
C1	/	✓	—	—	—	—	—	—	
C2	/	✓	—	—	—	—	—	—	
C3	0		—	—	—	ACRID	—	—	4 FORM
C4	7		3 ELFU	4	—	—	—	—	APID
C5	4		2 EL OBSOLETA	1	—	—	—	—	
D1	/		—	2	—	—	—	THEK	
D2	/		—	—	—	—	LYGAE	LYCO	6 FORM
D3	0		—	2	SEARB	GRYLL	—	—	
D4	0		—	4	—	—	—	—	
D5	0		EMMU	2	—	—	—	—	3 FORM