

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 13NWDATE/TIME OPENED: 10 Sept 2001/13:00 DATE/TIME CLOSED: 14 Sept. 2001/8:50OBSERVERS: N. Kaplan, D. Welch, D. CarterCURRENT WEATHER: Clear, warm, 70sGENERAL WEATHER DURING SESSION: 80's

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1					1 CINC 1 CURCU				
A2									3 FORM
A3			2 ELHI 1 ELOB			1 ELYAC		1 GNAP	1 LEPID LARVAE 1 FORM
A4			1 ELHI						
A5			1 ELFU			1 GRYAC		1 GNAP	1 OFORM 1 SILVERFISH
B1									15 FORM
B2			1 ELOB	1				2 THOM	2 FORM
B3				1	1 CURCU			1 GNAP	4 FORM
B4			1 GOEL 2 ELOB					1 THOM	30 FORM
B5				1 PAEL					
C1								2 GNAP	3 FORM 1 VESPID
C2								1 GNAP 1 THOM	1 FORM
C3			1 ELOR	1				1 GNAP	1 FORM
C4								1 LYCOS	1 FORM
C5			1 ELOR 2 ELEX			1 GRYAC			
D1			2 ELOB						
D2			3 ELOB		1 CURCU 1 SCAPAB 1 MELOID				1 FORM 1 LEPI 1 LEPID LARVAE
D3								1 LYCOS	2 FORM
D4									1 ACARID
D5			1 ELOR 1 ELOB		1 CURCU				1 FORM

Lepismatidae

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Arthropod Abundance on Trapping Webs

WEB CODE: 13SWDATE/TIME OPENED: 10 Sept. 2001/13:30DATE/TIME CLOSED: 14 Sept. 2001/9:30OBSERVERS: N. Kaplan, D. Welch, D. CanterCURRENT WEATHER: Warm, Sunny, 70sGENERAL WEATHER DURING SESSION: 80s

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1									2 FORM
A2			1ELEX	1					
A3									4 FORM
A4			5ELEX 1ELOR						
A5			1ELOB		1CURCU				
B1			1ELEX						7 FORM 3 ACARID
B2				1	1 SCARAB			1LYCOS	16 FORM
B3									2 FORM
B4			1ELOB						10 FORM
B5									8 FORM
C1		✓							
C2			1ELOR 1EMPL						1 FORM
C3			1ELOR		1 SCARAB	1 GR/AC		1 SALT 1 GNAP 1 LYCOS	1 LEPID LARVAE
C4			1EMPL		1 SCARAB 1 CINC				2 FORM
C5			1ELOB		1 SCARAB			1 GNAP	5 FORM
D1			1ELOB						3 FORM 1 MUTIL
D2			1ELOR 1ELEX 1ELOB	2					2 FORM
D3									5 FORM
D4			3 ELOR						
D5			3 ELOR 1 EM CO 1 ELSU 1 ELOB			1 GR/AC		1 SALT	10 FORM

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Arthropod Abundance on Trapping Webs

WEB CODE: 25 NFDATE/TIME OPENED: 10 Sept 2001/14:30DATE/TIME CLOSED: 14 Sept 2001/10:30OBSERVERS: N. Kaplan D. Welch D. CarterCURRENT WEATHER: partly cloudy / light wind / 70sGENERAL WEATHER DURING SESSION: warm / 80s / sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	Funnel out	blew	3	1	1 CURCU			1 LYCOS	
A2			3 ELOB 1 EMIC						
A3		✓							
A4	funnel blew out		1 ELOB						1 FORM
A5			3 ELOB 1 ELHI					1 LYCOS 1 GNAP	
B1			1 ELOB					1 THER	1 LEPID
B2			1 ELOB		5 CURCU				1 MATH
B3				2					1 LEPID LARVAE
B4			6 ELEX		6 CURCU			2 GNAP	2 FORM 1 AMPHI
B5			1 ELOB		1 CURCU				1 LEPID LARVAE
C1			1 ELFU					2 GNAP	
C2			2 ELOB 1 ELFU						1 LEPID LARVAE
C3					1 CURCU			1 THER	1 LEPID LARVAE
C4				3	15 CURCU				
C5			2 ELOB	6	7 CURCU			1 THOM	1 FORM 1 LEPID LARVAE
D1		✓							
D2			1 ELEX						2 FORM
D3			3 ELOB 1 ELEX	2	1 CURCU			1 GNAP	
D4			2 ELOB	1	3 CURCU				1 FORM
D5	funnel blew out			1	4 CURCU				3 FORM

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Arthropod Abundance on Trapping Webs

WEB CODE: 26 NWDATE/TIME OPENED: 10 Sept 2001/15:00 DATE/TIME CLOSED: 14 Sept. 2001/11:10OBSERVERS: N Kaplan D. Carter D. WelchCURRENT WEATHER: partly cloudy - light wind - 70sGENERAL WEATHER DURING SESSION: warm / 80s / sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1		✓							
A2			2 ELOR 3 ELOB 1 EMCO						
A3			4 ELPU						
A4			1 ELOR						2 FORM
A5			1 ELOR						4 FORM
B1								1 THOM	2 FORM 1 MUTIL
B2			3 ELOB	4	1 HIST 1 CHRYS			1 GNAP	6 FORM
B3			1 ELEX		2 CURON			1 GNAP	2 FORM
B4						1 GRILL			1 FORM
B5			1 ELOB					1 THERP	
C1				1 PAEL				1 LYCOS	
C2								1 GNAP	
C3			1 ELOB						1 MUTIL 2 FORM
C4								1 GNAP	
C5								1 THERP	
D1									5 FORM
D2			2 ELOB		5 CURON				2 FORM 1 MUTIL
D3			1 EMCO 2 ELEX					1 LYCOS	
D4				1	1 CURON				1 MUTIL 2 FORM
D5		✓							

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Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 10 Sept 2001DATE/TIME CLOSED: 14 Sept 2001/11:40OBSERVERS: N. Kaplan, D. Welch, D. CenterCURRENT WEATHER: partly cloudy / light winds / 70sGENERAL WEATHER DURING SESSION: warm / 80s / sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1								1GNAP	
A2					1CINC				
A3			1ELOB		25CARAB				
A4			1ELOR	1	1CURCU				3 FORM 1 APID
A5			1ELFL	1					2 FORM
B1								1GNAP	
B2			1ELEX	3	2CURCU				1 LEPID LARVAE
B3		✓							
B4		✓							
B5		✓							
C1						1GRYC			3 FORM
C2					1CURCU				
C3			2ELOR 1ELOB 1EMPL						
C4			1ELOR	1	1CURCU			1LYCOS	7 FORM
C5			1ELOB		45CARAB 2CURCU				
D1				1					
D2			2ELOB						
D3			1ELOR						3 FORM
D4			1ELOR 2ELOB 1ELEX			1GRYC		1SALT	
D5			1ELOR 1ELOB 1ELEX						

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Arthropod Abundance on Trapping Webs

*FENCE DOWN

WEB CODE: 24NEDATE/TIME OPENED: 10 SEPT 2001 / 14:00DATE/TIME CLOSED: 14 SEPT. 2001 / 9:00OBSERVERS: N. Kaplan D. Welch D. CanterCURRENT WEATHER: clear - warm - 70sGENERAL WEATHER DURING SESSION: warm / 80's / sunny

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			2 ELOR 1 EMMU	1	1 SCARAB	1 GRILL		1 LYCOS	
A2									1 MUTIL 15 FORM
A3						1 GRILL			1 LAMPHY
A4			1 EMCO						2 FORM
A5			1 ELHI 1 ELOB	1					2 FORM
B1			1 ELOR 1 ELFU	3				1 THER	
B2			1 ELEX						14 FORM
B3			1 ASOP 1 ELEX	1		2 GRAYAC		1 LYCOS	6 FORM
B4			2 ELOB						1 FORM
B5			4 ELOB		1 CURECU				1 FORM
C1				1					2 FORM
C2			2 ELFU 1 ELOR	1					1 ANTLOIN
C3			1 ELOR			3 GRAYAC			4 FORM 1 SILVER FIS
C4									1 FORM
C5						2 GRAYAC			
D1			1 EMCO						2 FORM
D2			1 ELOR	3				1 GNAP	3 FORM
D3									1 SKINK * (EMMU) 4 FORM
D4									1 LEPID 2 FORM
D5				1					

myr meleontidae
Lepismatidae

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Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 06 Aug 2001 noonish DATE/TIME CLOSED: 10 Aug 2001 11:40OBSERVERS: L. Hartley, D. Welch, T. Moran, J. ZimmermanCURRENT WEATHER: 70's, partly cloudyGENERAL WEATHER DURING SESSION: 90's on 6th-8th 70's 9th + 10thsome rain on 9th

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELOR 1 ELEX	2 Pacl				1 Lycos	
A2		✓							
A3				2 Pacl					
A4			1 ELOB 2 ELEX	1 Carab				1 Gnaph	
A5			1 ELOB 1 EMCO						
B1						1 Gryllac		1 Lycos 1 Therid	1 bee
B2			1 ELOR 3 ELFU 1 ELEX						
B3			1 ELOR	1 Pacl		1 Gryac			
B4			2 ELEX 1 ELOB	1 Carab					
B5		✓							
C1									1 Form
C2		✓							
C3			2 EMPL 1 ELOR			1 Gryac			1 Form
C4			1 EMPL						5 Form
C5									1 Form
D1			1 EMMU 1 ELOR	1 Pacl	1 Claridae				3 Form
D2			2 ELEX	1 Carab					2 Form
D3				2 Pacl					
D4			1 ELOB						
D5				1 Pacl					1 Form

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 26/NWDATE/TIME OPENED: 26 Aug 2001 AMDATE/TIME CLOSED: 10 Aug 2001 11:15 AMOBSERVERS: J. Zimmerman, T. Nolan, L. Hartley, D. WelchCURRENT WEATHER: 70's, partly cloudyGENERAL WEATHER DURING SESSION: 90's on 6th-8th 70's on 9th & 10thSome rain on 9th

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELOB					1 Thom	
A2			1 ELOB						
A3				2 Carab					
A4			1 ELOR 1 EMPL 1 ELOB 1 EMCO			2 Gryac		1 Ther	
A5			3 ELOB	1 Pael 1 Carab				1 Ther	1 Form Praying mant'
B1					1 Silph	1 Gryac		5 mites	1 Reduv 5 Form
B2			1 ELFU						2 Form
B3			2 ELFU 1 ELEX						2 Form
B4			2 ELFU 2 ELOB 2 ELEX						1 Form
B5			1 EMCO 1 Etro						3 Form
C1			1 ELOB 1 ELOR					1 Lycos	
C2								1 Lycos	1 skink
C3			1 ELEX						
C4			2 ELFU 1 EMPL 1 ELOB	2 Carab				1 Lycos	
C5								1 Therid	
D1			1 ELEX 1 ELOB						
D2			1 ELEX	1 Carab				1 Graph	
D3			1 EMCO 5 ELFU 11 ELEX						
D4			1 ELOB	1 Pael				2 Lycos	1 Form
D5			1 ELFU						

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 25NEDATE/TIME OPENED: 6 Aug 2001 Am.DATE/TIME CLOSED: 10 Aug 2001 11:00 AmOBSERVERS: J. Zimmerman, D. Welch, T. Moran, L. HartleyCURRENT WEATHER: 70's, partly cloudy, light windGENERAL WEATHER DURING SESSION: hot 90's 6th-8th, 70's on 9th & 10th
rain on 9th

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			2 ELEX 1 ELFU						
A2			1 ELEX 1 ELFU	1 Carab					
A3			1 ELHI	1 Carab	1 Ceram			2 Gnaph	1 Lep larva 1 Hymen
A4						1 Gryll		1 Gnaph	
A5								1 Gnaph	
B1			1 ELEX		2 Curcu				
B2			1 ELEX					1 Therid	1 Chvl
B3			1 ELFU 4 ELEX		1 Curcu 1 Scarab			1 Lycos	
B4				1 Carab		1 Gryll		1 Lycos	
B5								1 Therid	
C1			9 ELEX	1 Larvae	1 Curcu 1 Scin			1 Lycos 1 Gnaph	1 Form
C2				1 Larvae	1 Curcu				
C3			4 ELEX 1 ETRO 1 ELBO					Therid Lycos	1 Form
C4									1 Form
C5									2 Form
D1			1 ELEX	1 Carab					
D2			1 ELBO 1 ELEX	1 Carab					
D3			1 ELBO 1 ELEX						
D4			1 EMPL 1 ELEX 1 ELHI					1 Gnaph	
D5		✓	missing funnel						

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 24NEDATE/TIME OPENED: 6 Aug 2001 1015 AMDATE/TIME CLOSED: 10 Aug 2001 1015 AMOBSERVERS: L. Hartley, J. Zimmerman, T. Moran, D. WelchCURRENT WEATHER: 70's, partly cloudy, light windGENERAL WEATHER DURING SESSION: 90's on 6th - 8th 70's on 9th + 10th
some rain on 9th

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 EmCO			1 Gryll 1 Gryac			
A2			1 ELFH	1 Pael		2 Gryll			
A3			1 ELOB					1 Lycos 1 Gnaph	
A4			1 ELOR		1 Scarab				1 Form
A5			1 ELOR	1				1 Thom	10 Form 1 Reduv
B1		✓							
B2						1 Gryll			
B3			1 ELOB						
B4			2 ELSU 2 ELEX 1 ELOR						
B5			1 ELOB	1 Larvae					4 Form 1 Mutil
C1			2 ELOR 2 ELEX 4 ELFH	1					3 Form
C2			1 ELOR 1 ELEX		1 Curcu				2 Form
C3			1 ELOR	1 Pael 1 Scarab					3 Form
C4			2 ELOB	1 Pael					
C5				2 Pael				1 Lycos	
D1			1 ELEX						3 Form
D2			1 ELEX						3 Form
D3			1 EmPL			2 Gryll			1 skink 10 Form
D4				1	2 Silph			1 Thom	5 Form
D5			1 ELFH						

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 13 SWDATE/TIME OPENED: 6 Aug 2001 10 AmDATE/TIME CLOSED: 10 Aug 2001 10 AmOBSERVERS: T. Moran, D. Welch, J. Zimmerman, L. HartleyCURRENT WEATHER: sunny, light wind, mid 70'sGENERAL WEATHER DURING SESSION: hot on 6th-8th, cool 9th + 10th 70's
90's some rain on 9th

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELOB						17 Form
A2			1 EMCO	1 PAEL					3 Form
A3			1 ELOR						
A4			1 EMPL 1 ELFU						1 Form
A5			1 ELOR 1 ELOB					1 mite	6 Form
B1			2 ELOR 1 ELEX						15 Form
B2			1 ELHI 2 ELOR						5 Form
B3			2 EMPL						
B4			1 EMPL 1 ELEX	1				1 Thom	6 Form
B5			1 ELOB			1 Gryac			5 Form
C1			1 ELOB						
C2			3 ELFU ELLO 1 ELOR						
C3									1 Skink
C4									5 Form
C5			1 EMPL						1 skink
D1			1 ELOR					1 mite	5 Form
D2			1 ELOR			1 Gryll			4 Form
D3			1 ELOR 1 EMCO 1 ELSU						11 Form
D4			1 ELOR	1 PAEL					3 Form
D5			2 EMCO 1 ELOR			1 Gryll			

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

P. Stapp, 4/98

WEB CODE: 13 NW near ARS

DATE/TIME OPENED: 6 Aug 2001 9:30 Am

DATE/TIME CLOSED: Aug 10 2001 9:30 A.m

OBSERVERS: L. Hartley, J. Zimmerman, D. Welc, T Moran

CURRENT WEATHER: sunny, light wind, high 70's

GENERAL WEATHER DURING SESSION: very hot on 6th-8th 90's F, cool front + rain on 9th 60-70's

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1	NA							1 Therid	3 Form
A2			1 ELFW	1					1 Form
A3			2 ELHI 2 ELFW						
A4			1 ELEX						
A5				1 Pael	1 Claridae				
B1									10 Forms
B2									1 Solp
B3			1 ELFW						3 Form
B4			2 ELHI						7 Form
B5			1 ELHI 1 EMPL	1	1 Curcu			1 Lycos	1 Diptera 1 Lep larvae 5 Form
C1						2 Gryac			3 Form
C2		✓							
C3			3 ELDB			1 Gryac			
C4						2 Gryac			3 ants
C5		✓							
D1		✓							
D2			1 ELOR	1 PAEL					6 Form
D3									
D4			1 ELFW						
D5			1 ELHI						

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 25NEDATE/TIME OPENED: 2 July 2001DATE/TIME CLOSED: 6 July 2001OBSERVERS: L. Hartley, D. Welch, N. Crall, P. VermeulenCURRENT WEATHER: 90's light breeze, partly cloudyGENERAL WEATHER DURING SESSION: 80's - 90's, T-storms in afternoon

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1									1 Form
A2									1 Form
A3				1 Paed	1 Curcu				
A4			2 ELFU					1 Lycos	
A5								1 Ther	
B1			3 ELEX 1 EL0B	1 carab					
B2				1 Paed					
B3								1 Gnaph	6 Form
B4		✓							
B5				2	1 Curcu				1 Form
C1			1 EL0B 2 ELFU		1 Scarab				
C2					1 Curcu			1 Lycos	
C3		✓							
C4					1 Curcu			1 Thom	
C5			1 ELFU						
D1		✓							
D2								1 Gnaph	
D3			1 ELFU 1 EMCO	2				1 Gnaph 1 Lycos	
D4			1 ELEX					1 Lycos	
D5				1 Paed				1 Lycos	

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

P. Stapp, 4/98

WEB CODE: 26NW

DATE/TIME OPENED: 2 July 01

DATE/TIME CLOSED: 6 July 01

OBSERVERS: MDL, NCRAALL

CURRENT WEATHER: Clear & Hot

GENERAL WEATHER DURING SESSION: Clear & Hot

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1								Lycos	Form
A2			ELFU					SAIT Lycos Gnaph	
A3						Byrac			
A4								Lycos	Form (3)
A5					Careu			Thom	
B1									3 Form
B2			ELFU						Lycos
B3		X							
B4			ELFU						Form
B5			ELOR						
C1			ELMU		PAEL				
C2			ELFU BLOR		-				Form 12
C3					PAEL				Form 2
C4									Lycos (2) TLER
C5									Lycos
D1									TLER
D2									GNAPH
D3			ELOR						Thom
D4									Thom
D5		X							

GENERAL WEATHER DURING SESSION: hot, afternoon T storms, 80's & mid 90's

[illegible]

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

P. Stapp, 4/98

WEB CODE: 133 SW

DATE/TIME OPENED: 2 July 2001

DATE/TIME CLOSED: July 6 2001

OBSERVERS: J. Hartley, N. Enall, D. Welch, P. Vermehren

CURRENT WEATHER: 90's, partly cloudy

GENERAL WEATHER DURING SESSION: 80's - 90's, T-storms in afternoon

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELOR	1 Carab					
A2			2 ELOR 1 ELSU					2 Thom	3 Forms
A3		✓							
A4								1 Ther	
A5								1 Thom	10 Form
B1			1 ELOR 1 ELBI	1 Paed					
B2					1 .	2 Gryll			
B3				1 Paed				2 Thom 2 Gnaph	1 Form
B4									4 Form
B5				3 Carab					1 Tyson ^{silver fish}
C1			1 ELOR					1 Salt	8 Form
C2			1 ELOR		2 Paed	1 Gryll			1 Lep Larvae 1 Form
C3			1 ELTR 1 ELOR						1 Form
C4						1 Gryll		1 Lycos	12 Form
C5								1 Thom	
D1			1 ELOR			2 Gryll		1 Thom	1 Hymen 5 Form
D2			1 ELSU 1 ELOR					2 Thom	
D3		✓							
D4			1 ELLO 1 ELHI 1 ELOR 1 ELOR			1 Gryll		3 Thom 1 Gnaph	
D5			3 ELHI 2 ELOR	1 Paed					1 Form 1 silver fish (Tyson)

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 13NW ^{close to ARS}DATE/TIME OPENED: 2 July 2001DATE/TIME CLOSED: July 6 2001OBSERVERS: J. Hartley, N. Crall, D. Welch, P. VermeulenCURRENT WEATHER: hot mid 90's clear skiesGENERAL WEATHER DURING SESSION: hot 80-90's, afternoon T storm

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1		✓							
A2			1 ELFW 1 ELEX					1 Thom 1 Gnaph	
A3			1 ELFW					1 Thom	
A4								1 Jumping spider	1 mite
A5			4 ELOR 1 EMPL 5 ELOB			2 Gryll			
B1									10 Forms
B2								1 Thom	1 Form
B3				1 Carab	1 Ceram				20 Form
B4									2 Form 1 Hymen
B5			1 ELOR 1 ELHI		2 Paed				4 Form
C1			1 ELOR 1 ELFW			1 Gryac			14 Form
C2		✓							
C3			1 ELOR 1 EMPL		1 Curcu				8 Form 1 Lep larva
C4			2 ELOB					1 Gnaph	
C5									5 Form
D1			1 ELFW		1 Curcu			1 Lycos 1 Gnaph	
D2									15 Form
D3		✓							
D4			1 ELHI	1 PAEL					
D5			1 ELHI					1 Lycos	

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 2 July 2001DATE/TIME CLOSED: July 6 2001OBSERVERS: L. Hartley, D. Welch, P. VermeulenCURRENT WEATHER: 90's sunnyGENERAL WEATHER DURING SESSION: hot, afternoon isolated T stormshigh 80's mid 90's

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1				1 Paed	1 Curcu			2 Gnaph	1 Ant
A2								1 Lycos	
A3		✓							
A4		✓						1 Thom	
A5		✓							
B1			1 ELEX					1 Lycos	5 Form
B2								2 Lycos	
B3								2 Lycos	
B4		✓							
B5			3 ELPU					1 Lycos	5 Form
C1								1 Lycos	
C2			2 ELEX			1 Gryxc		1 Thom	
C3		✓							
C4			1 EMMU						1 Form
C5			1 ELEX 2 ELPU						
D1				1 Paed					2 Form
D2		✓							
D3		✓							
D4								1 Gnaph	
D5		✓							

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 13NWDATE/TIME OPENED: 17 Jun 2001 / 12:00 DATE/TIME CLOSED: 17 Jun 2001 / 8:40OBSERVERS: N. Kaplan, J. Zimmerman, D. Welch, N. CrallCURRENT WEATHER: 65°F Sunny, calmGENERAL WEATHER DURING SESSION: Hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1				3	1 SCARAB			1 GNAP	5 FORM
A2			2 ELOR	2 PAEL					5 FORM
A3				3 PAEL		1 GRYAC			12 FORM
A4			1 ELOR 1 ELEX	1	1 SCARAB			2 GNAP 6 LYCOS	
A5			3 ELOR	(4 PAEL) 5					10 FORM
B1			1 ELOR 1 ELEX	1				1 LYCOS	20 FORM
B2			2 ELEX	1 PAEL					5 FORM
B3				2 PAEL				3 GNAP	10 LEPIS 2 FORM
B4				1				1 GNAP	2 FORM 1 LEPIS
B5			1 ELOR	(1 PAEL) 6				2 LYCOS 2 GNAP	
C1			2 ELOR	6 total (1 PAEL)	4 SCARAB				1 LEPIS 2 FORM
C2									1 FORM
C3			1 ELEX	1 PAEL	1 CURCU				3 LEPIS 4 FORM 1 HYMEN
C4			1 ELOR	2 PAEL					10 FORM
C5			1 EMCO 1 ELHI						
D1				1	1 CURCU				
D2			1 ELFU	(1 PAEL) 2	1 SCARAB			2 LYCOS 1 GNAP	1 FORM
D3			1 ELEX						
D4									5 FORM
D5			1 ELOR	2 PAEL					

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

P. Stapp, 4/98

WEB CODE: 135W

DATE/TIME OPENED: 07 June 2001/12:00

DATE/TIME CLOSED: 11 June 2001/9:00

OBSERVERS: N. Kaplan, J. Zimmerman, D. Welch, N. Crall

CURRENT WEATHER: 65° Sunny/Caln

GENERAL WEATHER DURING SESSION: Hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELOR	1 PAEL					6 FORM
A2			2 ELEX 2 ELOR	1 PAEL		1 GRAC		2 GNAP	1 FORM
A3					1 SCARAB				20 FORM
A4			1 ELOR	1 PAEL					1 FORM
A5				1 PAEL				1 LYCOS	3 FORM
B1					1 SCARAB				10 FORM
B2			1 ELEX 1 ELOR	3 PAEL				1 GNAP	5 FORM
B3			1 ELOR	2 PAEL					
B4			1 ELOR 1 ELHI	4 PAEL				1 GNAP	
B5								5 GNAP	
C1			2 ELOR	3 PAEL					
C2				1 PAEL					
C3			1 ELOR	(1 PAEL) 2	1 CURCU			1 LYCOS	
C4					1 MELOID				
C5									
D1			1 ELOR 1 EL SP.	1 PAEL		1 GRAC		1 THER	6 FORM
D2			3 ELOR	2 PAEL					10 FORM
D3				1	1 CERAM 1 CURCU				4 FORM
D4			2 ELOR 1 ASOP	4 PAEL					
D5			3 ELOR 1 ELFU	3 PAEL		1 GRAC			

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

P. Stapp, 4/98

WEB CODE: 24 NE

DATE/TIME OPENED: 07 June 2001/1:00pm DATE/TIME CLOSED: 11 June 2001/10:00

OBSERVERS: N. Kaplan, J. Zimmerman, D. Welch, Nicholas Ciall

CURRENT WEATHER: 65° Sunny, calm

GENERAL WEATHER DURING SESSION: hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 EMCO 1 ELEX						5 FORM
A2			1 ELOR	1 PAEL					5 FORM
A3			1 ELOR 1 ELEX	4 PAEL					
A4			7 ELOR					2 GNAP	3 FORM
A5				1 PAEL					20 FORM
B1			4 ELEX	2 PAEL				1 LYCOS	
B2				1 PAEL					25 FORM
B3			2 ELEX	1 PAEL		1 GRAC		2 LYCOS	
B4									20 FORM
B5			1 ELPU	1					10 FORM
C1			1 ELHI	2 PAEL				1 LYCOS	2 FORM
C2									5 FORM
C3		✓							
C4			1 ELOR	1 PAEL					5 FORM
C5				2 PAEL					30 FORM
D1									2 FORM
D2			1 ELEX 1 ELRO						1 ANT LION
D3								1 THER	
D4			3 ELOR 1 ELOR	5				1 LYCOS	3 FORM
D5			1 ELOR		2 SCARAB				5 FORM

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 25 NEDATE/TIME OPENED: 07 June 2001/11:00 DATE/TIME CLOSED: 11 June 2001/10:30OBSERVERS: NEK, DW, NC, JZCURRENT WEATHER: 65° sunny, calmGENERAL WEATHER DURING SESSION: hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			3 ELEX						
A2			1 ELOB	1 PAEL					
A3			1 ELOB 1 ELEX	1 PAEL					4 FORM
A4			1 ELEX						
A5				1 PAEL	2 CURCU				
B1									1 FORM
B2					1 SILPHID 1 SCARAB				
B3			6 ELEX	1	1 CURCU			1 LYCOS	10 FORM
B4								1 LYCOS	10 FORM
B5			1 ELOB						
C1			1 ELOR						20 FORM
C2								1 GNAP	1 HYMEN
C3					1 SCARAB				1 FORM
C4						1 ACARID		1 LYCOS 1 GNAP	1 LEPID 1 FORM LARVAE
C5				4					
D1				2 (1 PAEL)				1 LYCOS	1 FORM
D2			1 ELEX	1	1 CURCU				
D3			1 ELOB		1 SCARAB				
D4									2 FORM
D5			1 ELEX		1 CURCU				

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

P. Stapp, 4/98

WEB CODE: 26NW

DATE/TIME OPENED: 07 June 2001/2:00 PM DATE/TIME CLOSED: 11 June 2001/11:00

OBSERVERS: NER, JZ, NC, DW

CURRENT WEATHER: 65° Sunny, calm

GENERAL WEATHER DURING SESSION: Hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELEX				1 CHVI		2 FORM
A2			1 ELFU					1 GNAP	1 FORM
A3			1 EMPL 3 ELFU 1 EMMU 1 ELEX	2					
A4				1				5 GNAP	
A5			1 ELFU					1 GNAP	
B1				5		1 GRYP		1 LYCOS	3 FORM
B2			2 ELEX					1 LYCOS	6 FORM
B3			1 ELEX	4		1 GRYP			3 FORM
B4			1 ELEX	3					5 FORM
B5			3 ELEX	3				1 GNAP	5 FORM
C1				1 PAEL				1 LYCOS 1 SALT 1 GNAP	
C2								1 GNAP	
C3				3 PAEL				1 LYCOS	
C4				3 PAEL				1 GNAP	2 FORM
C5			2 ELEX	3				2 LYCOS	5 FORM
D1		✓							
D2								1 LYCOS	
D3				2 (1 PAEL)					5 FORM
D4				1	1 SCARAB				
D5				1 PAEL					8 FORM

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

P. Stapp, 4/98

WEB CODE: 27 NW

DATE/TIME OPENED: 07 June 2001/2:00 DATE/TIME CLOSED: 11 June 2001/11:30

OBSERVERS: NEK, JZ, NR, DW

CURRENT WEATHER: 65° sunny, calm

GENERAL WEATHER DURING SESSION: hot, some thunderstorms

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1				1 PAEL	3 CURCU			1 LYCOS	3 FORM
A2			2 ELEX		1 CURCU				
A3				1 PAEL	2 SCARAB			1 LYCOS	
A4			1 ELOR 1 EMMU					1 THOM 1 THERP	
A5			5 ELOR 1 ELOB	2 PAEL	1 CURCU			3 GNAP	
B1				3 PAEL	1 SCARAB				5 FORM
B2			1 ELOR 1 ELEX	1 LARVAE 1 PAEL					
B3			1 ELOB	1				1 LYCOS	
B4			1 ELOR	2 PAEL				1 SALT	
B5								1 GNAP	1 HALIC
C1									1 CHILO
C2			1 ELOR	2 PAEL	1 SCARAB			1 GNAP	
C3			2 ELOX 1 ELEX	1 PAEL				1 GNAP 3 LYCOS	
C4			1 ELOB	1 PAEL					3 FORM
C5			1 ELOR	2					5 FORM
D1		✓							
D2				7 PAEL		1 ACARID			
D3				1 PAEL				1 LYCOS	
D4			1 ELEX	2 PAEL	1 CURCU				2 FORM
D5		✓							

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 13NWDATE/TIME OPENED: 07 May 2001/10:00 DATE/TIME CLOSED: 11 May 2001/8:30OBSERVERS: M.D. Lindquist, L. Hartley, N. Kaplan, D. Welch, P. VermeulenCURRENT WEATHER: OVERCAST, coolGENERAL WEATHER DURING SESSION: WARM, DRY, 70's

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1				2				1 THOM 1 GNAP	
A2									24 FORM
A3				1		1 GRAC			6 FORM
A4				2 1 LARVAE	1 CURCU				2 ACARID 1 FORM
A5			2 EMCO 3 ELFU	4	1 CURCU				
B1			4 ELFU					1 LYCOS	10 FORM
B2			1 ELFU	1				1 LYCOS	2 FORM
B3			1 ELHI					2 THOM	
B4								3 THOM	7 FORM 1 LAMPYRIDAE
B5				6 1 PAEL		1 GRAC		1 LYCOS 1 THOM	2 FORM
C1			1 ELFU 1 EMCO					2 THOM	6 FORM
C2				2	SCARAB			1 GNAP	1 LEPID LARVAE
C3			1 EMCO						4 FORM
C4									1 LEPID LARVAE 7 FORM
C5			1 EMCO		1 COCC	1 GRAC			9 FORM
D1		✓							
D2		NOT EMPTY!		1	1 CURCU 1 SCARAB				2 FORM 1 ACARID
D3				1	1 SCARAB			1 GNAP	2 FORM
D4				1	1 SCARAB			1 LYCO	1 FORM
D5								2 THOM	1 LEPID LARVAE 1 ACARID

* double-check EMCO

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 135WDATE/TIME OPENED: 07 May 2001DATE/TIME CLOSED: 11 May 2001OBSERVERS: M. Lindquist, L. Hartley, N. Kaplan, D. Welch, P. VermeulenCURRENT WEATHER: Partly cloudy/coolGENERAL WEATHER DURING SESSION: Sunny, warm, 70s

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1									1 FORM
A2			1 ELPU	1					4 FORM
A3				1					3 FORM
A4									1 FORM
A5			1 ELOR						5 FORM
B1		✓							
B2									2 FORM 1 LUNK - PETER
B3				1					1 LEPID LARVAE
B4									2 FORM
B5				1					4 FORM
C1								1 LYCOS	
C2									2 FORM
C3									3 FORM
C4			1 ELPU	2					3 FORM
C5								1 GNAP	6 FORM
D1			1 ELPU	1				1 THOM	5 FORM 1 ACHRID
D2			1 ELOR	4 PAEL				1 LYCOS	
D3			1 ELOR	1 PAEL 2	1 SCARAB				3 FORM
D4			1 ELU						1 FORM
D5			1 ELOR	1					

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 24NEDATE/TIME OPENED: 07 May 2001 / 11:00DATE/TIME CLOSED: 11 May 2001 / 9:50OBSERVERS: M. Lindquist, N. Kaplan, D. Welch, P. Vermeulen, L. HartleyCURRENT WEATHER: partly cloudy / CoolGENERAL WEATHER DURING SESSION: Sunny, warm, 70s

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1				1				1 THOM 2 GNAP	10 FORM
A2				1					10 FORM
A3			1 ELOR						5 FORM
A4				1	1 SCARAB				
A5				1	1 CURC 1 SCARAB			1 LYCOS	
B1				3					
B2			1 EMCO					5 THOM	5 FORM
B3				2				1 GNAP	10 FORM
B4					1 CINC				
B5								1 LYCOS	
C1				1					
C2			2 ELOR						
C3			1 ELHI		1 SCARAB				
C4				1				1 LYCOS	
C5			1 EMCO 1 ELEX						
D1			1 ELOB 1 ELEX	1 LARVAE		1 GRYP		1 THOM 1 GNAP	
D2			1 ELEX 1 ELOB	1 LARVAE	1 SCARAB			1 LYCOS	5 FORM 3 ACARID
D3			1 ELEX			1 GRYP			
D4			1 ELEX 2 EMCO					1 GNAP 2 THOM	6 FORM 4 ACARID
D5				6	1 CHRYSO				2 ACARID 4 FORM

WEB CODE: 25 NE
DATE/TIME OPENED: 07 May 2001 / 11:00 DATE/TIME CLOSED: 11 May 2001 / 10:00
OBSERVERS: _____
CURRENT WEATHER: Cloudy, cool
GENERAL WEATHER DURING SESSION: _____

[illegible]

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 26NWDATE/TIME OPENED: 07 May 2001DATE/TIME CLOSED: 11 May 2001OBSERVERS: L. Hartley, D. Welch, m. LindquistCURRENT WEATHER: Over cast, CoolGENERAL WEATHER DURING SESSION: dry 70s

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELFW						
A2					1 Curcul				
A3			1 ELOB	1 Carab 1 PAEL				1 widow	1 Form
A4			1 ELFW	1 Carab					1 mite 2 Form
A5								1 widow	3 Form
B1				1 Carab					
B2			1 ELEX	1 Carab					1 Lep Larvae
B3			1 ELOB 1 ELEX	3 Carab	1 Meloidae				
B4		✓							
B5			2 ELEX	5 Carab					
C1			1 ELOR 1 ELEX						
C2		✓							
C3									1 Form
C4		✓							
C5			1 ELEX					1 Thon 1 Gnaph	1 Form
D15									2 Lep Larvae
D24									3 Form
D3			2 ELEX 1 ELFW						1 Lep Larvae
D42			1 ELEX	1 Carab					
D81			1 ELFW						1 Lep Larvae

SGS-LTER Long-Term Monitoring Project

Arthropod Abundance on Trapping Webs

WEB CODE: 27NEDATE/TIME OPENED: 07 May 2001 A.M. DATE/TIME CLOSED: 11 May 2001 ^{10:30} A.M.OBSERVERS: L. Hartley, D. Welch, M. LindquistCURRENT WEATHER: overcast / coolGENERAL WEATHER DURING SESSION: dry 70s

Trap	No. In Hoop	Empty	Tenebrionidae (list by Spp)	Carabidae	Other beetles (list Family)	Orthoptera	Hemiptera	Spiders	Other
A1			1 ELEX	2 Carab					1 Lep Larval
A2		✓							
A3			1 ELEX		1 Scarab				2 Form
A4					1 Meloid				
A5			1 ELHI						3 mites 5 Form
B1			3 ELFU	2 Carab				1 Thom	
B2			1 ELEX 1 ELOB	1 Pacl 1 Carab	1 Scarab				
B3		✓							
B4					1 Scarab				
B5			2 ELFU			1			2 Form
C1			1 ELFU	4 Carab					
C2									1 Coleoptera Larvae 2 Form
C3			1 ELOB	1 PAEL					
C4				2 Carab				1 Gnaph 1 Thom	1 Lep larvae 1 mite 1 Form
C5			1 ELFU			1 Gryac			
D1			2 ELEX		1 Curcu			1 Lycos 1 Thom	4 Form
D2			1 ELEX					1 Lycos	
D3			1 ELEX 1 EERO					1 Thom	
D4			1 ELFU						
D5			1 ELEX						