

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6 timesheet	7
8	9 Tu B'Shevat (Arbor Day) (Jewish)	10	11	12	13	14 Valentine's Day
15 National Flag of Canada Day	16 Family Day (ON) Heritage Day (AB) Louis Riel Day (MB)	17	18	19	20	21
22	23	24	25	26	27	28

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MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8 Daylight Saving Time starts	9 Commonwealth Day Prophet's Birthday (Jamaica)	10 Purim (Jewish)	11	12	13	14
15	16	17 St. Patrick's Day	18	19	20 Vernal equinox	21
22	23	24	25	26	27	28
29	30	31				

File

ECOSYSTEM STRESS AREA

Replications: I and II

Treatment: D (1) Control
E (2) Irrigation
F (3) Fertilization
G (4) Irrig. and Fert.

I

II

	Plot No. 9/2 Replicate 1 Treatment E	Plot No. 9/3 Replicate 1 Treatment D	Plot No. 9/4 Replicate 2 Treatment G	Plot No. 9/5 Replicate 2 Treatment D
10 9 8 7 6 5 4 3 2 1	Plot No. 9/7 Replicate 1 Treatment F	Plot No. 9/8 Replicate 1 Treatment G	Plot No. 9/9 Replicate 2 Treatment E	Plot No. 9/10 Replicate 2 Treatment F



nek

ARS Study #3 (ESA)

PI - Dan Milchunas

Recorder

D. Kaplan

Data Entered By

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Date of Collection 30 Aug 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8-2001				G	14	Oppo	5	0	0	13	
								ledr	3	2	1	0	
								Chle	0	0	0	3	
								Saib	1	0	1	1	
								Cate	5	0	0	0	
								hiin	0	3	0	0	
								Arlo	0	0	1	0	
								Siny	0	0	1	0	
								Arfr	0	0	2	0	
								Stco	0	0	1	0	
								Thtr	0	0	0	1	
								Spco	0	0	0	1	
		8-2001				G	09	Oppo	5	2	0	0	
								Stco	1	3	1	1	
								Spco	5	5	5	4	
								Chle	1	1	2	1	
								Cate	5	5	10	20	
								Saib	0	0	0	2	

Recorder N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001				G	1	0	Arfr	0	1	0	4	
								Leade	0	1	4	4		
								Mata	1	0	0	0		
								Crmi	7	2	5	2		
								Chie	0	0	0	2		
								Spco	2	3	0	2		
								Qppo	0	0	2	0		
								Saib	1	0	0	1		
								Stco	1	0	0	0		
								Thtr	0	1	0	0		
								Siky	0	0	2	0		
								Arlo	0	0	0	3		
								Trdu	0	0	0	1		
		8.2001				G	1	1	Saib	0	1	0	1	
								Pipa	0	0	3	3		
								Arlo	1	0	1	1		
								Spco	2	0	0	0		
								Chle	3	0	0	0		

Stco 0 2 0 0
 Trdu 0 0 0 1
~~Spco 0 0 0 0~~
 Chle 5 0 2 15
 Leade 0 0 0 2

Recorder

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H. Kaplan

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Date of Collection *30 Aug 2001*

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001				G	1	8	Chk	4	0	1	1	
								Siky	1	0	0	3		
								Spc	6	2	0	4		
								Cake	30	30	20	15		
								Arlo	0	0	3	0		
								Spcr	0	0	0	1		
		8.2001				G	1	7	Spc	7	11	6	3	
								Ecvr	2	0	1	0		
								Siky	5	1	2	1		
								Cake	10	10	10	15		
								Civilox	0	1	0	0		
								Stco	0	0	0	2		
		8.2001				G	1	5	Chk	2	4	1	1	
								Saib	0	0	0	1		
								Siky	4	3	3	2		
								Spc	0	2	6	6		
								Stco	0	1	1	0		
								Cake	10	10	10	5		
								Arfr	0	0	1	0		

Recorder N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8-2001				G	2	0	Spco	2	1	2	3	
								ledc	3	0	0	0		
								Arfr	0	1	0	3	okay	
								Sihy	0	1	1	5		
								Hasp	5	1	0	0		
								Arlo	2	0	0	2		
								Saib	0	0	1	0		
								Cahe	5	25	5	10		
								Spvr	0	0	0	1		
								Opp	0	0	0	2		
		8-2001				G	1	9	Sihy	2	2	1	3	
								Spco	5	0	2	5		
								Trdu	0	2	0	0		
								Arfr	1	4	0	3		
								Spvr	2	0	0	0		
								Saib	0	3	0	0		
								Thtr	0	1	0	1		
								Chle	0	2	0	2		

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G	2 3	Arfr	4	0	5	3	
								Trdu	1	0	0	0	
								Lede	2	0	2	0	
								SpcO	5	0	1	5	
								Chle	15	3	0	0	
								Saib	0	3	2	0	
								Shy	0	2	0	0	
								Arlo	0	0	1	0	
								Chle	0	0	0	1	
		8.2001				G	2 2	Lede	3	0	0	0	
								Arfr	2	0	1	2	
								Saib	2	1	0	1	
								Arlo	1	0	0	1	
								Opoc	0	4	0	0	
								SpcO	0	1	0	0	
		8.2001				G	2 1	Liin	2	0	0	0	
								Chle	1	0	0	1	
								Stco	0	0	1	0	

Lede 2 0 2 0
 Spco 2 5 1 1
 Arfr 2 3 6 3
 Shy 0 1 1 2
 Arlo 0 1 0 0

Recorder D. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G 2	5	Saib	0	1	0	0	
								lede	0	0	0	0	
								Arlo	0	0	1	1	
								Arfr	1	2	1	1	
								Sihy	3	4	2	0	
								Oppo	4	0	0	0	
								Cake	20	35	10	0	
								Spcr	0	0	0	1	
		8.2001				G 2	4	Oppo	12	5	0	8	
								Crmi	2	0	0	0	
								Arfr	2	0	0	0	
								Sihy	2	2	1	0	
								Chle	0	1	0	0	
								Spcr	0	0	2	0	
								Saib	0	0	1	0	
								Arlo	0	0	0	2	
								Spcr	0	1	1	0	
								Cake	20	30	20	5	

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.01				G 4	1	Trdu	1	0	0	0	
								Stco	1	2	2	2	
								Cahe	40	30	2	3	
								Spcr	0	0	1	2	
								Arlo	0	1	0	0	
		8.01				G 4	0	Trdu	0	0	1	0	
								Arlo	0	2	3	2	
								Mili	1	0	0	0	
								Stco	2	1	1	2	
								Qpoo	1	1	0	2	
								Cahe	0	2	2	2	
		08.01				G 3	9	Arfr	2	1	1	0	
								Stco	2	0	1	3	
								Chle	1	0	1	2	
								Lede	1	3	1	0	
								Cahe	3	35	0	2	
								Pach	10	8	0	9	
								Thrv	0	0	0	2	
								Arlo	0	0	1		

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G 4 4		Kosc	1	0	0	0	
								Stco	2	1	0	0	
								Cane	5	10	0	4	
								Spcd	1	0	0	1	W
								Artr	0	1	0	0	
								Pach	0	0	2	0	
								Spcr	0	0	0	1	
		8.2001				G 4 3		Spcd	2	4	1	1	
								Saib	0	0	0	1	
								Stco	4	2	3	1	
								Gaco	0	0	0	1	
								Cane	10	10	10	10	
								Arlo	1	0	0	0	
								Pach	0	10	0	0	
		8.2001				G 4 2		Arlo	0	0	0	1	
								Spcd	0	3	0	0	
								Stco	3	2	0	1	
								Oppd	0	2	0	0	

Cane 15 10 20 10
 Pach 0 0 0 1
 Syhy 1 0 0 0
 Hasm 0 1 0 0

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Density

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Recorder

N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G 3	6	Kasc	3	0	1	2	
								Spc		2	0	0	
								Chvi	0	0	1	0	
								Stco	4	1	0	0	
								Chal	1	1	1	1	
								Sihi	2	0	0	0	
								Artr	1	0	1	1	
								Saib	0	1	0	0	
								Spcr	0	0	1	1	
		8.2001				G 3	5	Gpp	3	2	2	14	
								Sihi	3	2	0	2	
								Eref	0	0	1	1	
								Artr	0	0	2	2	
								Chle	0	2	0	0	
								Spc	1	0	2	0	
								Stco	1	1	0	0	
								Lare	1	2	0	0	
								Pach	1	0	0	0	

Arlo 0 0 1 0

Chal 1 0 0 2

Recorder

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		08.2001				G	3 4	Lede	0	1	2	0	
								Arfr	0	5	2	0	
								Mili	1	0	0	0	
								SiHy	2	0	2	5	
								Pste	0	0	1	0	
								Saib	0	0	1	0	
								Arlo	2	1	0	0	
								Pach	0	0	0	13	
								Spco	3	4	1	0	
								Stco	1	1	1	0	
		8.2001				G	0 1	Opko	7	0	8	5	
								Lede	1	4	0	0	
								Arfr	0	3	1	0	
								SiHy	0	1	0	1	
								Arlo	3	0	1	1	
								Eref	0	0	0	1	
								Stco	0	0	0	1	
								Spco	0	0	0	0	

Saib 0 1 1 0

Pach 0 3 0 1

Recorder

N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G 0	2	Stco	0	2	3	3	gopher disturbance
								Saib	0	3	0	0	
								Kosc	0	0	1	0	
								Opp	0	0	0	2	
		8.2001				G 0	3	Saib	2	0	0	0	gopher disturbance
								Kosc	1	0	0	0	
								Arlo	0	1	1	1	
								Opp	0	7	0	0	
								Spc	0	0	2	0	
								Cahe	0	0	0	1	
		8.2001				G 0	4	Spc	1	2	0	0	
								Kosc	2	0	0	0	
								Trdu	0	1	0	0	
								Stco	1	2	0	1	
								Chle	0	1	0	0	
								Cahe	0	20	15	10	
								Saib	0	2	0	0	
								Spc	0	3	4	0	
								Thtr	0	0	2	0	

Recorder N. Kaplan
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Density

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Density

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Recorder *N. Kaplan*

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Density

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Density

[illegible]

Recorder N. Kaplan
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Density

[illegible]

Data Entered By

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Density

[illegible]

Recorder N. Kaplan
Data Entered By _____Page 19 of 22
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		8.2001				G	2 8	Arfr	0	0	1	0	
								Oppo	0	6	5	0	
								Spur	1	0	2	2	
								Arlo	1	1	1	0	
								Spco	4	2	0	1	
								Lede	0	3	0	0	
								Saib	1	0	0	0	
								Sihy	2	2	0	3	
								Chle	0	1	0	0	
								Hepe	0	0	0	1	
								Crmi	1	0	0	0	
		8.2001				G	2 9	Hepe	1	0	1	2	
								Kosc	1	0	0	0	
								Lede	0	1	1	1	
								Cane	0	10	0	7	
								Sihy	0	2	0	1	
								Oppo	3	0	10	10	
								Stco	1	0	0	0	

Arlo 2 0 0 0

Spco 0 4 0 0

Arfr 0 0 0 1

Recorder N. KaplanData Entered By Page 20 of 22Date of Collection 30 Aug 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		08.2001				G 2	6	Stco	3	2	2	1	
								SpcO	0	2	0	0	
								Saib	0	1	0	1	
								Arfr	0	1	0	2	
								Villosa	1	0	0	0	
								Kosc	0	0	1	0	
								Chke	0	0	1	0	
		08.2001				G 2	7	Plpa	2	0	0	0	
								Chke	2	2	0	1	
								Arfr	0	0	0	2	
								Trdy	0	0	1	0	
								Arlo	0	0	1	1	
								Sihy	0	0	1	1	
								Spcn	1	0	0	0	
								Stco	1	1	0	2	
								Oppa	0	2	0	0	
								Lede	0	0	1	0	
								Cate	15	20	3	0	

Spco 0 3 0 0
 C. villosa 0 0 0 1
 Pacn 0 0 3 2

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[illegible]

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		08:2001				G 3 2		Saib	2	2	2	1	
								Sihi	0	1	4	0	
								Arfr	1	4	1	0	
								Kosc	1	0	0	0	
								Pach	0	2	0	0	
								Lede	0	0	0	1	
								Spco	0	0	1	1	
								Eugl	1	0	0	0	
								Liin	1	1	0	0	
		08:2001				G 3 3		lare	6	3	0	0	
								Kosc	1	0	1	0	
								Spco	1	0	0	1	
								Saib	0	0	1	3	
								Arlo	0	1	1	0	
								Arfr	1	1	0	1	
								Stco	0	0	1	1	

PI – Dan Milchunas

Recorder N. Kaplan
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Density

[illegible]

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.2001		D	2	5	0	9	Stco	0	2	2	2	
								Oppo	5	2	0	1		
								SpcO	0	6	0	4		
								Kosc	2	0	0	0		
								Chle	2	0	0	0		
								Arfr	0	0	1	0		
								Arlo	0	0	1	0		
								Sing	0	1	0	0		
		09.2001		D	2	5	0	8	SpcO	7	6	10	6	
								Chal	1	0	0	1		
								Arfr	5	1	1	0		
								Lede	0	2	0	0		
								Arlo	0	1	0	0		
								Pach	0	0	2	0		
		09.2001		D	2	5	0	7	Chle	1	0	0	2	
								Stco	3	0	3	0		
								SpcO	2	3	0	7		
								Oppo	2	3	7	7		
								Lede	0	0	1	0		
								Arfr	0	0	1	1		
								Saib	1	0	0	1		
								Trdu	0	0	0	1		

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Density

[illegible]

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09.2001	D	2	5	0	3	Saib	0	0	0	1	
								Oppo	3	6	4	1	
								Spro	1	1	2	1	
								Arfr	0	1	2	0	
								Stco	1	0	0	1	
								Chle	0	0	1	0	
								Arlo	2	0	0	0	
								Crmi	3	0	0	0	
								Thtr	0	0	0	2	
								Lede	0	3	0	1	
		09.2001	D	2	5	0	4	Siny	2	0	1	0	
								Stco	1	2	0	0	
								Arlo	0	1	0	0	
								Chle	1	0	3	1	
								Oppo	0	0	1	0	
								Lede	0	0	5	0	
								Arfr	0	0	1	0	

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		D	2	5	0	1	Oppo	2	4	0	0	
								Arlo	2	3	0	0		
								Chle	1	1	4	0		
								Siny	1	0	1	0		
								Saib	0	1	0	0		
								Arfr	2	1	0	1		
								Stco	0	0	1	3		
								Lede	0	0	0	1		
								Spco	0	7	0	0		
								Pach	0	1	1	1		
		9.2001		D	2	5	0	2	Cane	55	75	55	10	
								Oppo	1	17	0	0		
								Spco	5	0	1	3		
								Saib	0	0	1	0		
								Lede	0	0	0	1		
								Crmi	2	0	0	0		
								Arfr	0	0	1	0		
								Lare	0	0	0	1		

Tntr 0 0 0 1

Pach 0 0 0 1

Recorder David C.

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09-2001		D	2	4	08	pste	1	0	0	0	Scurb Pea
								Arbr	1	0	0	0	
								oppo	0	0	2	1	
								spco	1	1	0	1	
								lede	1	0	1	1	
								trdu	0	0	1	1	
								cake	1	2	9	8	
								Eevi	0	1	1	0	
								sihy	0	1	0	0	
		09-2001		D	2	4	09	oppo	2	1	2	1	
								spco	1	1	0	1	
								Arbr	1	0	3	2	
								cake	0	3	0	0	
								lede	0	0	0	1	
								sihy	0	0	0	1	
		09-2001		D	2	4	10	lede	1	1	2	2	
								spco	1	0	0	0	
								Arbr	0	1	1	1	
								pach	1	0	0	0	
								chle	0	0	0	1	

Recorder N. Kaplan
 Data Entered By _____

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 Date of Collection 04 Sept. 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.2001		D	2	4	0	1	Arfr	2	4	2	5	
								Spco	3	4	2	0		
								Pach	2	4	0	0		
								Lede	0	1	0	0		
								Arb	0	1	0	1		
								Kosc	1	1	0	0		
								Agsm	0	0	1	0		
		09.2001		D	2	4	0	2	Siny	1	2	1	3	
								Stco	1	1	0	0		
								Oppo	0	0	3	2		
								Spco	4	4	1	1		
								Arfr	2	0	0	0		
								Saib	1	0	0	0		
								Chal	0	0	1	0		
								Agsm	0	0	2	0		
		09.2001		D	2	4	0	3	Kosc	2	3	1	0	
								Spco	1	0	3	1		
								Ecvi	0	1	0	0		

Thtr 0 0 0 1
 Siny 2 0 3 4
 Arfr 1 0 2 0
 oppo 1 0 2 0
 Stco 1 2 0 0

Recorder N. Kaplan
 Data Entered By _____

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 Date of Collection 04 Sept. 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.2001		D	2	4	0	5	Kosc	0	0	1	0	
								Arfr	1	1	0	1		
								stco	2	2	2	2		
								Spcu	1	1	0	0		
								Chle	1	0	0	0		
		09.2001		D	2	4	0	4	Oppu	1	0	0	0	
								Thtr	0	1	1	2		
								Spcr	0	10	0	0		
								Stco	0	0	3	1		
								Spcu	0	0	0	2		
		09.2001		D	2	4	0	6	stco	1	2	2	3	
								Jpcu	1	0	1	0		
								plpa	0	0	0	1		
								chle	2	0	0	0		
								Ecvi	0	0	1	0		
		09.2001		D	2	4	0	7	thtr	1	2	2	1	
								Spcu	0	0	1	0		
								Oppu	0	0	1	0		

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Date of Collection 30 Aug 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		08.01		D	2	3	0	1	oppo	5	2	7	1	
								Arlo	1	3	1	1		
								Chle	0	0	0	1		
								Crmi	1	0	0	0		
								Arfr	0	1	0	0		
								SpcO	1	2	0	3		
								Lede	0	0	1	1		
								Sihy	0	1	5	4		
		08.01		D	2	3	0	2	KOSC	1	4	0	0	
								SAIB	1	1	0	1		
								CHLE	0	1	0	0		
								ARLO	0	0	0	1		
								Cahe	20	60	7	10		
								Arfr	0	1	1	0		
								Chal	0	0	1	0		
								SpcO	1	0	0	0		
								Sihy	0	1	0	1		

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Density

[illegible]

Recorder N. Kaplan

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001		D	2	3	0	3	Trdu	1	0	0	0	
								Spco	~~~~~					
								Kosc	0	0	1	1		
								Pach	0	0	0	2		
								Arlo	1	0	1	0		
								Stco	1	0	0	0		
								Saib	1	2	0	0		
								Plpa	0	1	0	0		
								Cahe	10	15	3	7		
								Spco	0	0	1	2		
								hiin	0	0	0	1		
								Sihy	2	0	0	0		
								Chle	3	0	0	0		
		8.2001		D	2	3	0	4	Spco	2	3	4	0	
								Oppo	6	4	0	0		
								Cahe	25	20	20	10		
								Mata	0	1	0	0		
								Arfr	0	0	2	0		

Sihy 1 0 1 2

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Quarter Plot

[illegible]

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Quarter Plot

[illegible]

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8	2001	D	2	1	0	1	SPCO	1	0	3	3	
									ARLO	2	2	0	1	
									LEDE	1	0	2	0	
									CAHE	10	10	7	13	
									ECVI	0	0	0	3	
									LIIN	1	0	0	1	
									Arfr	1	0	0	0	
									SiHy	—	1	0	0	
									SpCR	0	0	1	0	
									ThTr	0	0	0	1	
		8	2001	D	2	1	0	2	Chle	1	1	1	0	
									Spco	2	1	3	1	
									Canh	5	20	0	7	
									Stco	0	1	0	1	
									Oppo	0	4	5	0	
									SiHy	0	0	1	0	
									Chal	0	0	0	1	

Recorder

N. Kaplan

Data Entered By

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Date of Collection 30 Aug 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8	2001	D	2	1	0	3	Saib	1	1	0	1	
								Crmi	2	0	0	0		
								Oppo	3	0	0	5		
								Ecvi	2	4	3	0		
								Arlo	2	1	1	3		
								Lede	0	1	0	1		
								SpcO	0	2	0	0		
								Sihy	0	1	0	0		
								Calr	0	10	0	5		
								Stco	0	0	1	0		
								Arfr	0	0	0	1		
		8	2001	D	2	1	0	4	Chle	9	0	0	0	
								Lede	1	0	1	1		
								Mili	2	0	0	0		
								SpcO	2	0	0	0		
								Calr	5	0	10	20		
								Ecvi	1	0	0	0		
								Stco	0	1	1	0		
								Oppo	0	4	0	0		
								Arlo	0	0	1	1		
								Arfr	0	0	0	2		

Recorder N. Kaplan
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Density

[illegible]

Data Entered By

Date of Collection 3 Aug 2001

Density

[illegible]

Recorder H. Kaplan

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes		
									1	2	3	4			
		8.2001		D	2	1	0	9	Spc0	3	0	0	6		
								Arfr	3 1	0	1	0			
								Arlo	0	0	0	1			
								Trdu	0	0	0	1			
								Oppo	4	5	3	0			
								Lede	0	1	0	0			
								Saib	2	1	2	3			
								chle	0	0	2	0			
								Mili	1	2	1	1			
								Sihy	0	1	0	1			
								Cahe	0	0	35	20			
		8.2001		D	2	1	1	0	Arfr	4	0	3	1		
								Ecvi	1	0	0	0			
								Chle	0	0	1	2			
								Saib	0	1	0	3			
								Lede	0	4	0	0			
								Sihy	1	0	0	0			
								Arlo	1	0	0	0			

Cahe 10 30 35 20
 Spco 3 4 7 9
 Kosc 1 0 0 0

Recorder N. Kaplan
Data Entered By _____Page 19 of 22
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001		D	2	2	0	1	Chle	2	0	0	2	
								Arlo	0	1	2	0		
								Lede	0	1	1	0		
								Lare	1	1	2	0		
								Sihy	0	4	1	4		
								Spco	0	4	0	0		
								Arfr	0	1	2	1		
		8.2001		D	2	2	0	2	Oppo	4	4	0	0	
								Stco	2	3	2	4		
								Lede	1	0	3	0		
								Chle	2	0	1	0		
								Pach	1	2	0	0		
								Crmi	0	0	1	0		
		8.2001		D	2	2	0	3	Stco	3	2	2	2	
								Chle	2	1	5	4		
								Crmi	1	0	0	0		
								Spco	0	1	0	0		
								Oppo	0	0	4	0		
								Pach	1	0	0	0		

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Density

[illegible]

Recorder

H. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001		D	2	2	0	6	Lede	3	2	0	1	
								Oppo	2	2	0	7		
								SpcO	3	0	3	0		
								Saib	2	1	1	0		
								Ecvi	1	0	0	0		
								Arfr	0	5	5	0		
								Eref	0	0	3	1		
		8.2001		D	2	2	0	7	Trdu	0	0	0	1	
								Stco	3	0	0	2		
								SpcO	4	5	0	3		
								ChR	2	0	0	0		
								Oppo	7	4	9	3		
								Arfr	2	0	6	0		
								Lede	0	0	1	0		
		8.2001		D	2	2	0	8	Arfr	5	5	2	2	
								SiHy	3	3	1	0		
								SpcO	0	8	7	6		
								Lede	0	0	6	0		
								Saib	0	1	0	0		
								Oppo	0	0	4	0		

Recorder N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		8.2001		D	2	2	0	9	Oppo	7	10	0	5	
								Lede	0	4	0	4		
								SpcO	0	0	15	0		
								Sihy	2	1	0	0		
								chle	2	2	3	0		
								Arfr	0	4	0	4		
		8.2001		D	2	2	1	0	Arfr	0	1	0	2	
								Oppo	5	8	10	1		
								Lede	0	1	2	3		
								Saib	0	1	1	0		
								chle	2	0	1	1		
								Sihy	2	0	3	1		
								Liin	1	0	0	0		
								Arlo	0	1	1	1		
								Cche	0	0	10	5		
								Thtr	0	0	1	0		
								Mili	1	0	0	0		

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ARS Study #3 (ESA)

PI - Dan Milchunas

Recorder D. Welch
Data Entered By _____

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Density

WATER = 2

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09 '01	E	2	2	0	1	SIHY	1	0	3	4	
								SPCO	2	0	1	0	
								AGSM	6	7	3	4	
								OECO	0	0	1	0	
								THTR	1	0	0	3	
								ECVI	1	0	0	0	
								ARFR	0	0	0	1	
								SAIB	2	0	0	0	
								CAHE	2	6	0	0	
		09 '01	E	2	2	0	2	LEDE	1	0	1	0	
								OECO	0	0	1	0	
								SIHY	1	1	2	1	
								SPCO	0	1	1	0	
								THTR	0	0	0	4	
								TRDW	1	0	0	1	
								ARFR	3	0	1	1	
								AGSM	0	1	5	2	
								ECVI	0	0	1	0	
								CAHE	2	1	1	0	

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Quarter Plot

[illegible]

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

Recorder D. Welch

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09	01	E	2	4	2	SIHY	4	5	4	3	
								THTR	4	3	4	2	
								ECVI	2	0	0	0	
								ARFR	0	1	0	0	
								STCO	1	0	0	0	
								SPCO	0	1	0	0	
								SPCR	0	0	0	1	
		09	01	E	2	4	3	STCO	6	1	4	4	
								CAHE	5	8	1	16	
								SPCO	0	0	2	0	
		09	01	E	2	4	4	THTR	3	1	4	5	
								STCO	1	3	0	1	
								SAIB	0	0	1	0	
								KOSC	0	0	0	1	
								ARLO	1	0	0	0	
								AGSM	0	0	1	0	
								ARFR	1	0	0	0	
								CAHE	0	2	5	4	
								ECVI	3	0	0	0	

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

Recorder N. Kaplan
Data Entered By _____Page 12 of 22
Date of Collection 04 Sept. 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.2001		E	2	1	0	5	Thtr	2	0	0	0	
								Kosc	2	1	0	0		
								Saib	0	2	2	0		
								Siny	0	2	0	1		
								Stco	0	0	5	2		
								Arlo	0	0	0	1		
		09.2001		E	2	1	0	6	ArGr	1	2	4	0	
								Arlo	1	0	0	0		
								Thtr	3	5	15	4		
								Spco	1	0	0	0		
								Depi	1	0	0	0		
								Stco	0	1	0	1		
								Saib	0	1	0	0		
								Siny	0	1	0	0		
								Lare	0	0	2	0		
								Crmi	0	0	1	0		
								Mili	0	0	0	1		
								Kosc	0	0	0	1		

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09.2001	E	2	1	0	7	Dipi	0	0	3	0	
								SpcO	1	2	5	0	
								Anfr	2	0	1	2	
								Tntr	0	1	0	2	
								Saib	0	0	0	1	
								Chle	0	0	2	0	
								Kosc	0	0	1	0	
								Cane	7	5	7	2	
								Sihy	0	2	1	0	
								Agrm	2	0	0	0	
		09.2001	E	2	1	0	8	Kosc	1	1	1	3	
								Saib	1	1	2	2	
								cane	3	0	7	2	
								Sihy	0	1	2	1	
								Dipi	0	3	2	0	
								SpcO	0	0	1	0	

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	2	3	0	5	Spcr	2	0	2	0	
								SiHy	1	1	2	3		
								Arfr	0	0	0	1		
								Kosc	1	0	0	0		
								Cahe	3	8	1	0		
								Spcr	0	1	0	0		
								Saib	0	0	1	0		
								Thtr	0	0	1	1		
		9.2001		E	2	3	0	4	Stco	1	1	2	3	
								Saib	0	0	1	0		
								SiHy	1	1	0	1		
								Cahe	1	2	0	0		
		9.2001		E	2	3	0	3	Lyju	0	1	1	2	
								Stco	1	0	1	1		
								Thtr	15	17	8	9		
								Spcr	2	0	0	0		
								Arlo	1	0	0	0		
								SiHy	1	1	2	0		
								Cahe	2	1	6	9		
								Arfr	0	0	1	0		

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Density

[illegible]

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Density

[illegible]

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Quarter Plot

[illegible]

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Density

[illegible]

Recorder N. Kaplan
Data Entered By _____Page 19 of 22
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	2	3	0	8	Kosc	5	2	0	6	
								Saib	1	2	0	0		
								Sial	4	3	2	2		
								Arfr	1	0	0	0		
								SpcO	0	2	1	0		
								Cahe	0	0	25	20		
		9.2001		E	2	3	0	7	Kosc	0	0	0	1	
								Thtr	1	0	0			
								SpcO	8	1	0	5		
								Cahe	25	20	20	20		
								Sihy	1	1	3	1		
								Sto	1	0	0	0		
								Saib	0	2	1	3		
		9.2001		E	2	3	0	6	Lyju	1	1	0	1	
								SpcO	10	11	12	7		
								Kosc	0	0	0	1		
								Arfr	1	0	3	1		
								Sihy	2	3	2	1		
								Sial	0	0	0	1		
								Saib	0	0	2	1		
								Cahe	6	9	8	9		

Recorder N. Kaplan

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	2	5	0	5	Spco	5	0	2	0	
								Sihi	0	2	0	1		
								Gusa	0	1	0	0		
								Aso	x	1	0	0		
								Saib	1	0	1	0		
								Stco	0	1	0	0		
								Tntr	0	4	15	22		
								Arfr	0	1	0	0		
								Cahe	0	0	0	2		
		9.2001		E	2	5	0	4	Stco	2	3	2	2	
								Ecvi	0	1	2	0		
								Sihi	1	0	0	0		
								Saib	0	1	0	0		
								Spco	0	0	4	0		
		9.2001		E	2	5	0	3	Sihi	7	3	5	3	
								Stco	1	0	0	0		
								Spco	1	0	0	4		
								Arlo	0	0	0	1		

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	2	5	0	6	Sial	2	1	3	5	
								Kosc	0	0	3	0		
								Saib	0	0	3	0		
								Sihy	1	0	0	0		
								Arfr	1	0	1	1		
								Cahe	2	15	1	10		
								Thtr	0	0	2	0		
		9.2001		E	2	5	0	7	Thtr	19	1	8	6	
								Spco	1	1	1	1		
								Sihy	1	2	0	0		
								Ecvi	0	0	3	0		
								Arfr	0	0	2	1		
		9.2001		E	2	5	0	8	Kosc	6	1	0	2	
								Sial	2	4	2	0		
								Mili	1	0	0	0		
								Sihy	0	3	2	4		
								Saib	1	0	0	1		
								Thtr	1	0	0	1		
								Cahe	2	4	17	16		

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Density

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ARS Study #3 (ESA)

PI - Dan Milchunas

Recorder D. Welch

Data Entered By _____

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Date of Collection 4 Sept 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09	01	F	2	5	0	1	SAIB	3	3	3	1	
								SIHY	0	0	1	1		
								OPPO	2	3	0	0		
								ARFR	0	2	0	0		
								CHLE	2	0	0	1		
								KOSC	0	1	0	0		
								CHAL	0	1	0	0		
		09	01	F	2	5	0	2	CAHE	30	20	25	40	
								SAIB	0	1	0	0		
								SPCO	1	3	2	0		
								CHLE	2	0	3	5		
								OPPO	2	0	0	0		
								ARFR	1	3	5	2		
		09	01	F	2	5	0	3	ARFR	1	2	2	2	
								SPCO	2	6	2	0		
								SIHY	0	1	0	1		
								PACH	1	1	0	0		
								SAIB	0	0	1	4		

CHLE 0 1 2 1
CAHE 0 0 15 0

N=3

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Date of Collection 04 Sept. 2001

Quarter Plot

[illegible]

Recorder D. Welch
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Date of Collection 04 Sept. 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09	01	F	2	5	10	SAIB	2	1	1	0	
								ARFR	3	3	4	3	
								LEDE	0	0	0	1	
								KOSC	0	0	0	1	
								SIHY	0	0	2	3	
								SPCO	0	2	0	0	
								OPPO	0	2	0	0	
								AGSM	2	0	0	0	
								CAH2	1	5	3	0	
		09	01	F	2	5	9	KOSC	3	1	0	0	
								CHVI	0	1	0	0	
								ERGF	0	1	1	0	
								OPPO	6	0	0	0	
								SAIB	1	1	1	1	
								ARFR	0	0	1	0	
								CAH2	5	0	3	5	
								CHL2	0	0	0	1	
								AGSM	0	0	1	0	

Data Entered By_____

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Density

[illegible]

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Density

[illegible]

Recorder L. Hartley

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		Aug 2001		F	2	1	0	1	Arfr	3	2	2	3	
								Lede	1	0	1	0		
								Spcw	1	0	0	0		
								Cahe	5	11	15	30		
								Saib	1	3	1	0		
								Chle	4	1	2	0		
ESA		Aug 2001		F2	2	1	0	2	Oppw	4	2	4	2	
								Saib	1	1	1	2		
								Arfr	2	1	1	1		
								Chle	0	1	2	2		
								Lede	0	1	0	1		
								Cahe	15	13	3	10		
								Sihy	1	0	0	2		
								Spcw	0	0	0	1		
ESA		Aug 2001		F2	2	1	0	3	Arfr	3	2	4	4	
								Saib	2	0	0	0		
								Chle	1	3	3	1		
								Stco	0	1	1	0		
								Thhr	1	0	0	0		

Recorder L. Hartley
Data Entered By _____Page 7 of 20
Date of Collection 30 Aug 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		Aug	2001	F	2	1	0	4	Chle	2	2	4	1	
								Spco	0	1	1	0		
								Oppo	3	6	2	4		
								Stco	1	0	0	1		
								Saib	0	0	2	0		
ESA		Aug	2001	F	2	1	0	5	Chle	3	0	0	0	
								Stco	2	1	1	2		
								Kosc	0	0	6	4		
								Oppo	0	1	0	0		
								Lede	0	0	1	10		
ESA		Aug	2001	F	2	1	0	6	Saib	1	2	1	0	
								Spco	2	3	1	2		
								Oppo	2	3	1	2		
								Kosc	2	2	0	2		
								Stco	1	1	2	2		
ESA		Aug	2001	F	2	1	0	7	Stco	1	2	1	0	
								Saib	2	0	1	0		
								Chle	1	2	1	5		
								Spco	0	1	1	0		
								Pach	0	0	2	0		

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2001

Density

[illegible]

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Quarter Plot

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		30 Aug	2001	F	2	1	1	0	Sajib	2	2	2	1	
								Oppo	1	1	4	1		
								Steo	2	2	1	3		
								Chle	1	1	1	0		
								Eevi	0	0	0	1		
								Arfr	0	1	1	0		
ESA		Aug	2001	F	2	2	1	0	Spcn	2	0	0	0	
								Oppo	7	4	3	3		
								Chle	4	1	0	0		
								Kosc	1	0	0	0		
								Sihy	1	0	1	0		
								Arfr	0	0	1	3		
ESA		Aug	2001	F	2	2	0	9	Oppo	4	3	0	3	
								Cake	15	20	20	30		
								Spcn	1	6	2	3		
								Arfr	1	0	0	0		
								Eevi	0	0	1	0		

Recorder L. Hartley
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Density

[illegible]

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2001

Density

[illegible]

Recorder L. Hartley

Data Entered By _____

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2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		Aug	2001	F	2	2	0	4	Lede	1	0	1	0	
								Saib	1	1	1	2		
								Spcw	1	1	3	4		
								Chle	3	1	2	2		
								Sihy	0	3	1	0		
								Cahe	3	1	3	1		
								Arfr	0	1	4	1		
ESA		Aug	2001	F	2	2	0	3	Arfr	3	1	1	3	
								Spcw	1	0	0	1		
								Cahe	25	20	18	29		
								Chle	0	4	1	0		
								Ecvl	0	1	0	0		
ESA		Aug	2001	F	2	2	0	2	Oppp	1	0	0	0	
								Saib	0	2	2	4		
								Arfr	1	4	0	4		
								Spcw	0	2	0	0		
								Cahe	21	10	16	6		
								Chle	0	0	1	0		

Recorder L. Hattley

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		Aug	2001	T	2	0	3	2	Oppo	1	4	1	2	
								Spcw	0	3	0	1		
								Stco	1	1	0	0		
								Sihy	3	0	2	2		
								Arfr	1	1	0	0		
								Cake	12	0	10	7		
								Chle	0	1	2	2		
								Saib	0	1	1	2		
								Kosc	0	0	1	0		
ESA		Aug	2001	F	2	0	3	3	chle	1	2	7	1	
								Arfr	0	2	4	1		
								Saib	1	0	0	2		
								Cake	35	40	24	28		
								Stco	0	0	0	1		
ESA		Aug	2001	F	2	0	3	4	chle	0	1	2	0	
								chal	0	1	0	0		
								Arfr	2	1	3	0		
								Saib	0	1	0	1		
								Sihy	2	1	2	3		
								Spcw	0	2	1	2		
								Cake	25	20	0	5		
								Oppo	0	1	0	0		
								Eevi	2	0	2	0		

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2001

Quarter Plot

[illegible]

Recorder L. Hartley
Data Entered By _____Page 5 of 20
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2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
ESA		Aug	2001	F	2	3	0	5	Spcw	0	2	2	1	
								Arfr	1	1	0	1		
								Lede	1	1	0	0		
								Cake	7	1	1	10		
								Saib	0	1	5	0		
								Chle	0	0	1	2		
								Kosc	0	0	0	2		
ESA		Aug	2001	F	2	3	0	6	Arfr	1	1	2	3	
								Shy	1	0	0	0		
								Lede	1	4	5	0		
								Spcw	1	5	1	1		
								Oppo	0	2	0	2		
								Cake	0	0	0	1		
ESA		Aug	2001	F	2	3	0	7	Stco	1	2	0	0	
								Spcw	4	0	2	1		
								Arfr	0	0	2	2		
								Lede	1	0	0	0		
								Ecvi	0	1	0	0		
								Saib	0	1	2	2		
								Cake	4	0	13	5		

Recorder L. Hartley
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		08.01		F	2	3	0	8	Stco	3	1	2	3	
								Lede	1	0	0	0		
								Arfr	1	0	0	2		
								Saib	0	2	5	2		
								Chle	1	2	7	4		
								Thtr	2	0	0	0		
								Cahe	5	0	3	0		
		08.01		F	2	3	0	9	Arfr	2	2	0	0	
								Chle	3	1	3	0		
								Saib	1	1	2	4		
								Sihy	0	1	1	0		
								Spro	0	1	0	0		
								Cahe	5	2	36	12		
								Stco	0	0	0	1		
		08.01		F	2	3	1	0	Spro	2	1	0	1	
								Saib	2	0	4	0		
								Chle	0	0	2	0		
								Arfr	2	0	1	0		
								Cahe	10	5	7	12		
								Sihy	1	2	0	1		
								Stco	0	0	1	0		

Recorder L. Hartley
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		08.01		F	2	4	1	0	Arfr	2	2	2	0	
									Chle	2	1	0	0	
									Spco	0	0	0	1	
									Sihy	2	2	1	0	
		08.01		F	2	4	0	9	Arfr	0	1	5	4	
									Saib	1	1	0	1	
									Asox	0	0	3	0	
									Chle	1	0	3	1	
									Sihy	4	3	2	0	
									Spco	0	0	1	1	
									Oeco	1	0	0	0	
		08.01		F	2	4	0	8	Oppo	6	5	6	5	
									Saib	0	2	1	1	
									Arfr	1	0	0	0	
									Chle	0	1	3	2	
									Oeco	1	0	0	0	
									Cahe	2	6	8	4	
									Sihy	1	1	0	0	
									Spco	0	0	3	0	

Recorder L. Hartney
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		08.01		F	2	4	0	7	Arfr	0	2	3	2	
									Hasp	0	0	0	1	
									Stco	1	0	0	0	
									Spcu	3	2	0	1	
									Saib	2	0	1	0	
									Chle	2	1	1	0	
									Cahe	2	2	5	2	
									Sihy	0	1	0	2	
									Lede	0	1	0	0	
		08.01		F	2	4	0	6	Sihy	1	0	1	0	
									Stco	1	0	0	0	
									Arfr	1	0	0	0	
									Spcu	1	1	0	0	
									Oppu	1	0	2	1	
									Chle	0	0	1	0	
									Saib	0	0	1	1	
									Cahe	5	1	0	2	
									Cvillosa	0	0	2	1	
									Ecu	0	0	1	0	

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Density

[illegible]

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Density

[illegible]

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ARS Study #3 (ESA)

PI - Dan Milchunas

Recorder David Carter
Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		Y	1	5	0	8	Spro	3	2	1	0	
								chc	30	20	8	5		
		9-2001		Y	1	5	0	9	Kosc	2	0	0	1	
								Saib	1	1	0	0		
								Sihy	1	1	1	2		
		9-2001		Y	1	5	1	0	Sihy	3	3	2	2	
								Kosc	0	0	0	1		
								Stco	1	1	0	0		
		9-2001		F	1	1	0	1	Arfr	2	0	0	0	
								Stco	3	2	1	3		
		9-2001		F	1	1	0	2	brte	6	10	9	5	
								mti	0	0	1	0		
								Spro	1	1	0	1		
								Saib	1	0	0	1		
								thtr	0	1	0	0		
								Sihy	1	0	0	0		
								Arfr	1	1	0	0		

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		Y	1	5	0	2	Hasp	1	0	0	0	
									Saib	1	0	1	0	
									Kosc	0	1	0	0	
									Sihy	4	1	1	0	
									Cahe	18	0	8	10	
		9.2001		Y	1	5	0	1	CIUN	1	1	0	0	*
									Sihy	0	1	2	1	
									agsm	1	0	0	0	
									Cahe	20	15	5	8	
		9.2001		Y	1	5	0	6	Kosc	0	0	1	0	
									Saib	2	0	1	1	
									spco	0	2	1	0	
									Cahe	10	15	5	3	
									spcr	1	0	0	0	
									Sihy	0	1	1	0	
		9.2001		G	1	5	0	7	spco	1	0	2	4	
									Cahe	20	25	5	6	
									Kosc	0	0	1	0	

Recorder

Daniel Carter

Data Entered By

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		Y	1	4	0	1	Arfr	1	0	0	0	
								Saib	3	3	3	0		
								Kosc	3	1	0	1		
								cahe	9	3	2	0		
								sihy	0	1	2	1		
		9-2001		Y	1	5	0	5	sihy	1	0	0	0	
								Saib	4	2	3	1		
								Kosc	0	0	1	0		
								thtr	1	0	0	0		
								stco	0	0	1	0		
								cahe	5	11	0	4		
		9-2001		Y	1	5	0	4	cahe	15	8	8	12	
								Saib	3	0	1	1		
								Kosc	0	1	2	0		
								sihy	1	0	0	0		
		9-2001		Y	1	5	0	3	stco	0	0	0	1	
								sihy	3	1	0	0		
								cahe	10	10	7	8		
								Kosc	1	0	0	0		

Recorder

David Carter

Data Entered By

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Date of Collection 9/27/01

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		g	1	4	0	6	Kosc	1	0	1	2	
								Sihy	1	1	1	0		
								cake	20	25	8	10		
								agum	0	0	0	1		
		9-2001		g	1	4	0	5	cake	35	30	15	15	
								saib	0	0	0	1		
		9-2001		g	1	4	0	4	saib	1	1	0	1	
								cake	15	25	20	18		
								sihy	0	1	0	1		
		9-2001		g	1	4	0	3	spro	3	3	3	1	
								saib	1	2	0	0		
								sihy	1	2	3	0		
								cake	22	3	15	15		
		9-2001		g	1	4	0	2	sihy	4	1	3	2	
								Arfr	0	0	1	2		
								spro	0	2	1	0		
								bare	1	0	0	0		
								cake	5	10	0	8		

Data Entered By

Date of Collection

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[illegible]

Recorder David Carter

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9	2001	g	1	3	0	5	saib	1	0	0	0	
								sihy	1	6	3	2		
								mili	0	0	1	0		
								cahe	5	2	7	4		
								kosc	0	0	1	0		
		9	2001	g	1	3	0	6	saib	1	2	1	0	
								cahe	10	15	15	5		
								sihy	3	1	1	0		
		9	2001	g	1	3	0	7	cahe	35	42	20	15	
								hepe	0	0	0	1		
								saib	0	2	0	0		
								kosc	1	0	0	0		
		9	2001	g	1	3	0	8	sihy	4	4	1	3	
								cahe	0	3	0	0		
								kosc	0	1	0	0		
		9	2001	g	1	3	0	9	stco	1	3	2	1	
								saib	1	0	0	0		
								cahe	0	5	3	0		

Recorder Dawn Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		H	1	3	0	1	saib	1	2	1	1	
								sihy	1	0	1	0		
								cahe	10	15	15	8		
								spco	0	5	0	3		
		9.2001		H	1	3	0	2	koec	0	0	0	2	
								saib	2	0	0	0		
								sihy	2	0	0	1		
								cahe	10	20	11	0		
								spco	6	5	1	1		
		9.2001		H	1	3	0	3	Arbr	0	0	0	1	
								spco	1	0	0	1		
								cahe	15	25	15	15		
								sihy	0	0	0	1		
		9.2001		H	1	3	0	4	sihy	0	3	3	0	
								cahe	20	15	0	0		
								spco	0	0	1	1		
								saib	0	0	0	1		
								Hasp	0	0	1	0		

Recorder David Canter

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9. 2001	g	1	2	0	5	saib	1	1	1	0	
								sihy	1	0	1	1	
								Kosc	1	0	0	0	
								cahe	15	20	12	18	
		9. 2001	g	1	2	0	4	saib	0	0	1	0	
								cahe	20	35	12	15	
								sihy	2	2	0	0	
		9. 2001	g	1	2	0	3	Kosc	1	0	0	1	
								saib	0	1	0	0	
								cahe	30	25	20	16	
								sihy	0	0	1	0	
		9. 2001	g	1	2	0	2	thtr	2	1	0	1	
								Kosc	1	0	0	0	
								sihy	4	2	4	2	
								saib	0	0	0	2	
								cahe	5	10	5	6	
		9. 2001	g	1	2	0	1	saib	0	1	1	0	
								Kosc	0	1	0	0	
								sihy	1	0	0	0	
								cahe	5	5	5	5	

Recorder Daniel Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		Y	1	2	0	9	spco	1	1	1	3	
								sial	0	1	0	0		
								kosc	0	0	0	1		
								sihy	2	1	0	0		
								sihy	0	0	1	0		
								cahe	20	20	4	3		
		9.2001		Y	1	2	0	8	Kosc	2	2	0	1	
								chle	0	0	1	0		
								sihy	3	0	0	1		
								cahe	15	4	5	0		
								saib	0	0	0	1		
		9.2001		Y	1	2	0	7	Kosc	0	0	1	0	
								cahe	25	0	15	20		
								spco	4	2	4	3		
								sihy	2	0	0	0		
		9.2001		Y	1	2	0	6	sial	1	0	0	0	
								sihy	0	1	6	1		
								cahe	20	20	8	3		

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Date of Collection 9/9/01

Quarter Plot

[illegible]

Recorder David Carter
Data Entered By _____Page 11 of 12
Date of Collection 1/5/01

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9.2001	9	2	5	1	0	stco	0	2	0	0	
								cahe	50	30	35	18	
								sihy	0	1	0	0	
		9.2001	9	1	1	0	1	stco	4	1	1	1	
								cahe	16	20	5	3	
								sihy	0	1	0	0	
								saib	0	0	1	0	
		9.2001	9	1	1	0	2	saib	0	3	0	0	
								clun	2	0	1	0	*
								stco	3	0	1	0	
								sihy	2	3	0	3	
								kosc	0	3	0	0	
								cahe	5	10	2	7	
		9.2001	9	1	1	0	3	saib	0	0	4	0	
								sihy	3	3	0	2	
								thtr	0	0	0	1	
								cahe	4	20	15	7	

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Density

[illegible]

PI – Dan Milchunas

Recorder David Camber
Data Entered By _____

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Density

[illegible]

Recorder David Carter
Data Entered By _____Page 2 of 14
Date of Collection 9/5/01

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9.2001	2	5	0	6	Arfr	2	1	0	0		
							stco	0	1	3	3		
							sihy	0	1	0	0		
							thtr	1	0	0	0		
							chle	0	0	0	2		
		9.2001	2	5	0	7	Kosc	12	16	46	12		
							thtr	0	0	1	0		
							sial	1	0	0	0		
							saib	0	0	0	1		
							brte	0	2	0	0		
							sihy	0	1	0	0		
							cahe	0	0	0	4		
		9.2001	2	5	0	8	stco	1	1	2	1		
							saib	0	0	1	0		
							CIUN	0	0	0	2		*
		9.2001	2	5	0	9	cahe	25	20	40	35		
							Spco	1	0	0	0		
							Kosc	0	4	0	1		

Recorder David Canter
Data Entered By _____Page 3 of 14
Date of Collection 9/5/01

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001	Y	2	5	0	5	sihy	0	1	0	0	
								cahe	42	24	30	25	
		9-2001	Y	2	5	0	4	saib	0	1	0	0	
								cahe	30	45	20	25	
								sihl	0	0	1	0	
								larr	0	0	0	1	
								Rosc	0	0	1	0	
								sihy	0	0	1	0	
		9-2001	Y	2	5	0	3	saib	1	1	0	0	
								thtr	0	0	1	0	
								sihy	4	2	3	3	
								cahe	1	0	0	10	
		9-2001	Y	2	5	0	2	saib	2	3	2	0	Humas plot
								cahe	22	10	5	15	
		9-2001	Y	2	5	0	1	Rosc	4	0	2	0	
								cahe	12	15	5	22	
								saib	0	3	0	0	
								stco	0	0	2	0	

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001	Y	2	4	0	4	saib	2	2	3	0	
								cahe	25	15	25	30	
		9-2001	Y	2	4	0	3	saib	0	0	2	0	
								spco	0	3	4	1	
								kosc	1	1	0	1	
								lare	0	1	0	0	
								cahe	12	15	18	15	
		9-2001	Y	2	4	0	2	stco	1	1	2	0	
								spco	1	0	2	0	
								sial	1	0	0	0	
								cahe	3	5	8	10	
		9-2001	Y	2	4	0	1	saib	1	1	0	1	
								vine	1	0	0	2	A
								kosc	2	1	0	1	
								sihy	2	0	0	0	
								stco	1	0	0	0	
								brtc	0	0	1	0	
								ArAr	0	0	1	1	

Recorder David Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		M	2	3	1	0	stco	1	3	3	3	
								spco	4	0	0	1		
								cahe	10	2	0	0		
		9-2001		M	2	4	1	0	stco	2	1	2	0	
		9-2001		M	2	4	0	9	stco	2	2	2	1	
								cahe	10	5	15	10		
		9-2001		M	2	4	0	8	cahe	30	26	16	35	
								saib	0	0	1	0		
								Kosc	1	0	0	0		
								agsm	0	0	1	0		
		9-2001		M	2	4	0	7	saib	0	0	1	2	6x4 in hole in ground
								Kosc	1	0	0	0		
								cahe	25	20	20	8		
		9-2001		M	2	4	0	6	sihy	2	0	0	0	
								stco	0	1	0	0		
								cahe	11	8	20	18		
		9-2001		M	2	4	0	5	sihy	1	2	0	0	
								cahe	11	16	38	45		

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9.2001	Y	2	3	0	5	cahe	35	45	20	30	
								saib	0	1	0	0	
								kosc	0	1	0	0	
								sihy	1	2	0	1	
		9.2001	Y	2	3	0	6	saib	2	1	0	1	
								cahe	36	35	5	25	
								kosc	1	2	0	0	
								stco	1	0	1	0	
		9.2001	Y	2	3	0	7	saib	0	0	1	0	
								cahe	30	42	25	40	
								stco	1	1	0	0	
								sihy	0	0	1	0	
		9.2001	G	2	3	0	8	trdu	0	0	1	0	
								stco	2	4	3	2	
								sihy	0	0	0	1	
		9.2001	Y	2	3	0	9	stco	1	2	1	0	
								spco	2	2	0	3	
								kosc	1	0	0	2	
								cahe	30	16	15	0	

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Density

[illegible]

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Density

[illegible]

Recorder N. Kaplan
Data Entered By _____Page 9 of 14
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		G	2	2	0	1	Saib	2	0	0	3	
									Kosc	1	0	0	0	
									Chal	1	0	0	0	
									Spc	3	1	0	8	
									Cahe	15	35	40	40	
									Coar	2	2	2	1	
									Sihy	0	1	0	0	
		09.01		G	2	2	0	2	Saib	0	0	0	1	
									Sihy	3	3	2	2	
									Cahe	50	45	50	10	
		09.01		G	2	2	0	3	Ciun	0	3	0	0	
									Spc	12	1	1	3	
									Sihy	2	4	5	3	
									Cahe	50	30	6	20	
									Kosc	0	0	1	1	
		09.10		G	2	2	0	4	Saib	0	0	0	1	
									Spc	0	1	0	1	
									Cahe	25	30	35	30	

~~Kosc~~ ~~~~~ no Kosc
Sihy 0 0 3 1

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		G	2	2	0	8	Chle	0	0	0	1	
									Kosc	4	5	0	1	
									Saib	0	2	1	0	
									Stco	0	0	1	2	
									Lede	1	0	0	0	
									Cahe	10	0	0	0	
									Lare	1	0	0	0	
									Spc0	0	3	6	3	
									Spc1	0	0	1	0	
		09.01		G	2	2	0	9	Hepc	0	0	1	1	
									Kosc	1	0	0	1	
									Lede	0	2	0	0	
									Saib	0	0	0	1	
									Coca	0	0	1	0	
									Cahe	8	0	10	5	
									Agpm	0	5	2	2	
									Spc0	0	1	0	0	

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Quarter Plot

[illegible]

Data Entered By _____

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Density

[illegible]

Recorder D. Welch

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09	01	G	2	1	3	SAIB	1	0	0	0	
								KOSC	0	1	0	1	
								STCO	1	1	1	3	
								SIHY	1	1	0	0	
								CAHE	5	15	15	10	
		09	01	G	2	1	4	SIAL	0	1	0	3	
								KOSC	3	8	9	6	
								SAIB	0	1	2	0	
								STCO	1	0	0	0	
		09	01	G	2	1	5	STCO	3	3	6	5	
								KOSC	0	0	2	0	
								SIHY	1	0	0	0	
		09	01	G	2	1	6	KOSC	0	2	1	0	
								SAIB	3	3	1	6	
								THTR	3	1	0	1	
								CAHE	20	15	16	18	
								LEDE	1	0	0	0	
								SPCO	0	0	0	2	

Data Entered By _____

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Density

[illegible]

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9.2001		F	1	1	03	trdu	0	0	1	0	
								chle	1	1	3	0	
								spco	4	2	1	0	
								sial	0	2	1	0	
								Lede	0	0	0	1	
								thtr	3	1	0	0	
								Arfr	1	2	0	0	
								sihy	1	1	0	1	
								saib	0	0	2	4	
		9.2001		F	1	1	04	chle	0	0	1	3	
								lede	0	0	1	0	
								sihy	2	2	2	3	
								saib	0	0	0	2	
								Arfr	1	1	0	0	
								thtr	3	4	5	2	
								cahe	6	7	2	3	
								mili	0	0	1	0	
								oppo	0	0	0	1	
								Kosc	0	2	0	0	
								spcr	0	0	0	1	

Recorder

Data Entered By

Dave Canter

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001		F	1	1	0 5	oppo	1	5	0	2	
								saib	3	2	0	4	
								chle	2	0	2	0	
								Arbr	1	0	0	1	
								pspe	0	1	0	0	
								thtr	2	10	6	0	
								siby	0	2	0	2	
								cake	0	20	10	3	
		9-2001		F	1	1	0 6	oppo	0	1	1	0	
								chle	0	0	0	1	
								siby	2	2	1	1	
								thtr	3	4	3	0	
								mili	0	0	1	0	
								cake	0	0	0	1	
		9-2001		F	1	1	0 7	sial	0	1	0	0	
								Arbr	3	0	3	1	
								chle	1	1	0	0	
								siby	4	2	1	1	
								spec	3	1	4	0	
								thtr	0	1	0	0	
								cake	0	0	4	7	
								saib	0	0	1	0	

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Density

[illegible]

Recorder David Cantor
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes		
									1	2	3	4			
		9-2001		F	1	1	1	0	Sial	_____	_____	_____	_____		
								Arbr	2	7	0	0			
								Sial	2	3	1	0			
								thtr	9	9	0	5			
								saib	0	0	2	2			
								lede	1	2	0	0			
								spco	0	0	2	0			
								chle	0	0	1	0			
		9-2001		F	1	2	1	0	chle	10	9	0	5		
								saib	2	2	3	0			
								sihy	3	0	3	3			
								thtr	12	6	1	7			
								Arbr	2	2	0	1			
								spco	0	1	1	1			
		9-2001		F	1	2	0	9	chle	1	1	0	3		
								sihy	1	1	0	2			
								sial	0	1	0	0			
								Spco	0	0	0	1			
								thtr	9	8	3	5			
								saib	1	1	0	0			
								Arbr	0	1	0	0			

Recorder David Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		F	1	2	0	8	chlc	1	0	0	1	
								stco	2	0	0	0		
								sihy	0	1	3	2		
								thtr	1	5	4	2		
								saib	0	0	1	0		
								Arlo	0	0	0	1		
		9-2001		F	1	2	0	7	Arbr	5	9	6	5	
								sial	0	2	2	7		
								saib	1	0	0	0		
								thtr	1	1	0	0		
								lare	0	0	0	1		
								stco	0	0	0	1		
		9-2001		F	1	2	0	6	saib	1	2	1	0	
								chlc	1	0	0	3		
								lede	1	0	0	0		
								thtr	1	2	0	4		
								sihy	0	0	1	2		
								cahe	40	20	30	18	1	
								spco	0	1	1	0		
								Arbr	0	0	0	1		

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Density

[illegible]

Recorder David Canter

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9	2001	F	1	2	0	3	chle	1	0	0	1	
									Saib	0	2	1	1	
									oppo	2	4	4	0	
									Cabc	25	30	20	12	
									spco	0	0	1	2	
									lede	1	0	0	0	
									thtr	0	0	0	4	
		9	2001	F	1	2	0	2	Arfr	1	2	2	5	
									Siky	2	0	0	0	
									oppo	2	0	0	0	
									spco	2	2	0	0	
									Saib	1	5	2	2	
									chle	1	1	0	0	
									thtr	1	1	0	1	
		9	2001	F	1	2	0	1	btrc	8	5	0	2	
									Arfr	1	0	0	4	
									Sial	0	0	0	2	
									Saib	1	0	0	0	
									Siky	0	1	0	0	

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		F	1	3	0	1	uppo	6	0	0	3	
								sihy	0	1	1	0		
								thtr	5	9	8	8		
								Arfr	1	1	2	0		
								saib	2	1	0	0		
		9-2001		F	1	3	0	2	sihy	0	0	1	1	
								chle	1	1	1	2		
								saib	4	3	0	5		
								Arfr	0	1	0	0		
								thtr	8	7	5	0		
								lede	0	1	0	0		
								cahe	15	10	10	5		
		9-2001		F	1	3	0	3	saib	4	3	2	0	
								chle	7	5	0	12		
								thtr	10	8	9	10		
								cahe	0	10	10	7		
								Arfr	1	1	0	0		
								spco	0	0	0	1		

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

Recorder D. Welch

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09 '01		F	1	4	9	THTR	3	1	3	8	
								CHLE	3	2	4	2	
								SIHY	0	0	0	1	
								STCO	0	2	2	0	
								CAHE	10	2	5	3	
								OPPO	4	0	0	0	
		09 01		F	1	4	6	SIAL	0	1	0	2	
								CHLE	0	0	1	0	
								PLPA	0	0	1	0	
								THTR	5	11	6	0	
								SIHY	2	3	1	2	
								LEDE	1	0	1	0	
								LARE	2	0	0	0	
								SPCO	0	0	0	1	
								ARFR	0	0	1	2	
								STCO	1	0	0	0	
		09 01		F	1	4	7	- ant mound covering					
								entire plot				0	

Recorder D. Welch
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09	01	F	1	4	6	SIAL	1	0	2	0	
								LEDE	2	0	2	2	
								THTR	9	8	5		
								SIHV	1	2	0	0	
								ARFR	0	2	3	3	
								SPCO	0	0	1	1	
								OPPO	0	0	0	1	
								SAIB	1	0	0	0	
								CHLE	0	0	0	1	
		09	01	F	1	4	5	OPPO	2	1	1	3	
								THTR	7	4	5	4	
								ARLO	0	0	1	0	
								ARFR	0	1	2	0	
								SAIB	2	4	0	0	
								SIHV	0	0	0	1	
								LEDE	0	0	0	1	
								CHLE	0	2	0	0	
								CAHE	0	3	14	5	
								SPCR	1	0	0	0	

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Density

[illegible]

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Density

[illegible]

Recorder D. Welch

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09 '01		F	1	5	5	LITJ	1	0	0	0	
								BRTZ	8	2	0	2	
								THTR	1	6	2	1	
								SAIB	1	1	1	1	
								ARFR	4	2	4	1	
								CHLS	0	0	0	1	
								SIHY	0	1	0	0	
		09 '01		F	1	5	4	SAIB	10	11	4	6	
								OPPO	0	0	1	0	
								ARFR	2	0	2	2	
								SIHY	3	1	1	4	
								CHLS	1	1	1	1	
		09 '01		F	1	5	3	SPCR	1	0	0	3	
								LEDE	1	1	0	0	
								SIHY	0	0	2	2	
								SPCO	0	0	1	1	
								OPPO	0	0	1	1	
								ARFR	1	1	0	3	
								THTR	3	13	0	4	

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09'01		F	1	5	2	SAIB	2	5	0	1	
								SIHY	0	0	2	0	
								CHLE	2	0	0	1	
								THTR	8	3	4	7	
								CAHE	5	15	10	10	
								ARFR	3	0	2	5	
								CHLE	1	0	0	0	
		09'01		F	1	5	1	ARFR	1	3	0	1	
								THTR	1	11	9	17	
								OPPO	0	0	3	0	
								SIHY	0	0	0	1	
		09'01		F	1	5	6	SIHY	0	1	1	2	
								SPCO	0	4	1	1	
								CHLE	0	1	1	0	
								THTR	0	0	2	0	
								STCO	1	0	0	0	
								CAHE	5	4	6	3	
								ARFR	1	0	0	1	
								SAIB	0	3	0	0	

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Density

[illegible]

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Density

[illegible]

PI – Dan Milchunas

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		E	1	4	1	0	Lede	4	0	0	0	
									Thtr	3	1	1	4	
									Spo	1	0	0	0	
									Stco	2	2	2	1	
									Sihy	0	1	0	0	
									Artr	0	1	2	0	
									Cane	0	5	10	5	
									Lyju	0	0	0	1	
									Oppo	0	0	0	1	
		09.01		E	1	4	0	9	Thme	5	0	0	0	
									Thtr	2	5	7	0	
									Cane	45	40	30	50	
									Sihy	0	1	0	0	
									Agsm	0	1	0	0	
									Cnal	0	0	1	1	
									Lede	0	0	1	0	
									Saib	0	0	0	1	

Recorder N. Kaplan

Data Entered By _____

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		E	1	4	0	8	Agm	5	0	0	0	
								Saib	1	0	0	0		
								Thtr	3	0	0	0		
								Stco	1	3	0	1		
								Cane	25	20	25	35		
								Rsk	0	1	0	0		
		09.01		E	1	4	0	7	Spco	4	1	5	0	
								Thtr	16	21	12	16		
								Agm	2	0	2	0		
								Saib	0	1	1	0		
								Sihy	0	1	0	1		
								Cane	0	5	5	10		
		09.01		E	1	4	0	6	Thtr	6	5	7	4	
								Arfr	1	1	0	0		
								Sihy	0	1	0	1		
								Spco	2	4	2	3		
								Saib	0	0	2	1		
								Cane	30	15	5	0		
								Trdu	0	1	0	1		

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Quarter Plot

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09.01	E	1	4	0	5	Thtr	7	13	12	12	
								Siny	5	1	2	3	
								Lipu	1	0	0	0	
								Spco	2	0	0	4	
								Agsm	2	0	2	0	
								Arlo	0	0	1	0	
								Cahe	0	0	10	0	
								Ecvi	0	0	0	1	
		09.01	E	1	4	0	4	Oppo	2	4	0	0	
								Ecvi	1	0	0	0	
								Arfr	1	0	0	0	
								Ciun	1	0	0	0	
								Thtr	4	6	3	3	
								Siny	1	0	1	2	
								Cahe	35	50	55	45	
								Siab	0	2	0	0	
								Kosc	0	0	1	0	

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Density

[illegible]

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09.01	E	1	4	0	3	Stco	5	4	2	2	
								Saib	1	0	1	1	
								Lyju	0	0	0	1	
								Thtr	0	0	1	0	
								Cahe	5	0	10	15	
		09.01	E	1	4	0	2	Psk	1	0	0	0	
								Spcr	2	1	0	4	
								Saib	1	0	1	0	
								Stco	1	2	3	4	
								Lase	1	0	0	0	
								Plpa	2	0	0	3	
								Cahe	20	0	0	0	
								Lede	0	2	0	0	
								Lyju	1	0	0	0	
								Thtr	0	0	1	1	
								Abox	0	0	1	0	
								Spcr	0	0	0	1	

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Quarter Plot

[illegible]

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Quarter Plot

[illegible]

Recorder W. Kaplan
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Density

[illegible]

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Density

[illegible]

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	1	1	0	1	gusa	0	1	0	0	
								Arlo	0	0	1	0		
								Evi	0	0	0	1		
								Stro	0	0	0	1		
								Sihy	0	0	0	1		
								che	0	0	0	2		
								Htr	2	0	3	0		
								speo	1	0	1	0		
								scib	1	0	0	0		
		9.2001		E	1	1	0	2	stco	0	0	1	0	
								oppo	0	0	1	5		
								Thtr	7	2	2	10		
								speo	0	0	1	0		
								che	0	0	1	4		
								Arlo	0	1	0	1		
								Sihy	3	1	0	2		
								scib	0	2	0	1		
								Arbr	1	0	0	0		

Recorder David Carter

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001		E	1	1	03	Arfo	1	0	2	1	
								thtr	2	0	14	0	
								spec	1	0	4	0	
								shy	0	2	1	1	
								chhe	0	2	12	11	
								cinu	0	1	0	0	
								Arlo	0	0	0	1	
								sial	0	0	0	1	
		9-2001		E	1	1	04	shy	4	5	3	20	
								spec	3	0	0	0	
								chhe	0	1	0	0	
								mil.	0	1	0	1	
								leda	0	0	1		
								thtr	4	0	5	4	
								chhe	1	6	15	0	
								shib	1	0	0	0	
								Kosc	0	0	0	2	
								Arlo	2	0	0	0	

Recorder David Cantor
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9	2001	E	1	1	05	Speco	1	2	4	1	
								Arfr	0	1	0	0	
								Cake	35	35	20	35	
								chle	2	2	0	1	
								saib	0	1	0	1	
		9	2001	E	1	1	06	thtr	4	2	1	5	
								Speco	1	4	1	0	
								Cake	20	15	22	17	
								Sihy	0	1	2	1	
								saib	0	2	0	1	
								lede	0	0	5	0	
								Arlo	0	0	1	0	
								chal	0	0	1	0	
								chle	0	0	0	1	
		9	2001	E	1	1	07	Speco	1	0	2	0	
								Cake	0	3	8	5	
								Arlo	1	0	0	1	
								chle	0	1	0	0	
								saib	0	1	0	0	
								Sihy	0	1	0	0	
								Agsm	0	1	0	0	

Recorder David Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		E	1	1	0	8	spco	0	0	7	1	
								chle	1	0	0	0		
								sihy	2	1	4	4		
								chal	2	4	0	0		
								saib	0	1	0	0		
								cahe	0	0	5	9		
								Arb	1	1	0	0		
								httr	2	0	0	0		
								Kasc	0	1	0	0		
		9-2001		E	1	1	0	9	saib	1	1	1	1	
								sihy	2	3	0	1		
								httr	2	4	3	3		
								spco	0	1	3	0		
								chle	0	0	1	0		
								C. villosa	0	0	1	0		
								spcr	0	0	3	0		
								cahe	6	3	3	16		
								mili	0	0	0	1		

Recorder David Carter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9.2001		E	1	1	1	0	sihy	2	0	1	0	
								cahe	10	5	5	14		
								chle	0	0	1	0		
								thtr	0	2	0	4		
								saia	0	1	0	4		
								C.villosa	1	0	0	0		
								coca	0	1	0	0		
		9.2001		E	1	2	1	0	spca	2	0	0	0	
								cahe	10	17	30	5		
								thtr	0	0	1	0		
								stco	0	0	0	2		
								sihy	0	0	0	1		
								Sial	0	1	0	0		
		9.2001		E	1	2	0	9	saib	0	0	1	0	
								cahe	30	25	30	25		
								sihy	0	0	3	0		
								thtr	1	1	0	1		
								stco	0	1	0	1		
								Arbr	0	0	0	1		
								spco	0	0	0	1		

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001	E	1	2	0	8	brite	2	0	6	0	
								sial	0	1	0	1	
								Arfr	4	0	2	1	
								spco	0	1	3	0	
								Kosc	0	0	6	0	
								thtr	4	0	0	0	
								sihy	0	1	0	2	
								chhe	0	0	0	5	
								chle	1	1	0	0	
		9-2001	E	1	2	0	7	saib	0	2	0	0	
								steo	0	0	1	0	
								sihy	1	2	1	1	
								chhe	35	0	30	25	
								thtr	0	0	0	4	
								chle	1	0	0	1	
								gaco	1	0	0	0	

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Density

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Density

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Recorder David Coker
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		E	1	2	0	2	Htr	6	5	5	7	
								cake	10	15	15	4		
								Arfr	1	0	0	0		
								Eref	0	0	0	1		
								Sihx	0	2	0	1		
								Ljin	1	0	0	0		
								Saib	1	0	0	0		
								trdu	1	0	0	0		
								Ecvi	0	1	0	0		
		9-2001		E	1	2	0	1	oppo	4	0	3	1	
								spco	1	0	4	2		
								thtr	8	9	11	19		
								sial	0	0	0	1		
		9-2001		E	1	5	0	1	spco	1	2	1	0	
								thtr	9	2	4	9		
								Eref	0	0	2	0		
								cake	15	15	15	10		
								Arlo	0	0	0	1		
								mili	1	0	0	2		
								Sihx	0	1	0	1		
								Saib	0	0	1	0		

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Density

[illegible]

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		9-2001	E	1	5	0	4	spco	1	1	0	1	
								thtr	3	4	5	5	
								Arfr	0	1	1	1	
								bede	0	0	1	0	
								saib	1	1	1	0	
								cahe	10	5	15	7	
								spcr	0	0	0	3	
								sihy	0	0	0	2	
		9-2001	E	1	5	0	5	thtr	12	8	2	5	
								mili	0	0	0	0	
								Arfr	3	0	0	0	
								cahe	0	0	14	15	
								sihy	0	0	0	1	
		9-2001	E	1	5	1	0	thtr	5	3	7	0	
								stco	0	0	1	1	
								sihy	2	1	0	0	

Recorder David Canter
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		9-2001		E	1	5	0	9	lede	1	0	0	0	
								Eevi	0	0	1	0		
								Arfr	0	0	2	0		
								thtr	6	5	5	1		
								Sgib	2	0	0	0		
								cshe	0	0	0	6		
								sihy	0	1	0	0		
		9-2001		E	1	5	0	8	thtr	11	7	28	12	
								spco	1	0	0	1		
								Arfr	0	1	2	0		
								cahe	3	5	12	25		
								gaco	0	0	0	1		
		9-2001		E	1	5	0	7	saib	0	1	1	2	
								spco	0	0	1	0		
								sihy	0	0	1	1		
								Arlo	0	1	1	0		
								cahe	30	20	15	20		
								thtr	2	0	0	0		

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Density

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ARS Study #3 (ESA)

PI - Dan Milchunas

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		D	1	5	0	3	Sial	2	0	0	2	
									SpcO	0	3	1	0	
									Siny	1	2	0	0	
									Arfr	0	2	0	0	
									Thtr	0	0	6	11	
		09.01		D	1	5	0	2	Arfr	2	0	1	1	
									Oppo	0	6	0	1	
									SpcO	0	2	3	3	
									Stco	0	0	0	1	
									Siny	1	2	5	5	
									Thtr	4	7	1	7	
									Chle	0	1	0	0	
									Cane	0	10	5	15	
		09.01		D	1	5	0	1	Chle	4	0	5	0	
									Arfr	0	0	3	2	
									SpcO	12	4	4	7	
									Vuoc	3	2	0	4	
									Trdu	1	0	0	0	

Thtr 2 1 5 6
Siny 3 5 0 4
Cane 15 15 20 10

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		D	1	4	0	1	Stco	1	0	0	0	
									SpcO	1	2	1	2	
									Saib	0	1	0	0	
									Thtr	7	11	6	9	
									Artr	1	0	3	0	
									Sihy	1	2	0	0	
									Cahe	15	25	10	10	
									Lede	0	0	0	1	
		09.01		D	1	5	0	5	Oppo	8	6	2	7	
									Thtr	6	1	5	6	
									Arlo	1	1	2	3	
									Saib	2	2	0	0	
									Sihy	1	2	0	0	
									SpcO	0	0	1	0	
		09.01		D	1	5	0	4	Stco	4	3	2	2	
									SpcO	1	1	1	3	
									Thtr	9	11	7	9	
									Ecvi	0	0	1	0	

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Density

[illegible]

Recorder N. Kaplan

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		D	1	4	0	7	Spco	0	0	1	1	
									Sihy	3	7	5	0	
									Thtr	6	5	14	16	
									Arfr	0	0	1	0	
									Cane	8	20	10	5	
		09.01		D	1	4	0	6	Sihy	3	4	3	2	
									Saib	0	1	0	0	
									Cane	30	30	45	40	
									Thtr	0	12	17	5	
									Arlo	0	0	0	2	
									Lede	0	0	1	0	
		09.01		D	1	4	0	5	Oppo	13	2	7	7	
									Spco	0	0	2	0	
									Saib	0	2	0	0	
									Arlo	0	2	1	1	
									Thtr	3	2	2	4	
									Cane	10	15	10	15	
									Sihy	0	1	2	0	

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Density

[illegible]

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		D	1	3	1	0	Arlo	1	1	1	2	
								Siny	0	2	0	0		
								Opp	0	3	5	0		
								Spco	1	2	2	1		
								Thtr	6	5	6	8		
								Lede	0	0	0	2		
								Arfr	1	1	0	0		
								Cane	8	5	0	5		
		09.01		D	1	4	1	0	Lare	2	0	0	3	
								Thtr	17	10	3	4		
								Stco	0	0	1	0		
								Lede	3	2	0	2		
								Arfr	7	6	4	5		
								Chle	2	0	3	5		
								Trdu	0	0	0	1		
								Saib	1	0	0	1		
								Eevi	0	1	0	0		
								Siny	0	1	1	0		
								Arlo	0	0	0	2		

Recorder N. Kaplan
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes	
									1	2	3	4		
		09.01		D	1	3	0	8	Lede	0	1	0	0	
								Arfr	1	0	3	1		
								Stco	1	0	0	0		
								Arlo	1	1	2	1		
								Spcu	0	2	1	0		
								Thtr	1	5	1	3		
								Ecvi	0	0	2	0		
								Care	0	6	10	15		
								Sihy	0	2	0	2		
								Lare	0	0	0	5		
								Pacu	0	2	1	0		
		09.01		D	1	3	0	9	Thtr	9	9	1	10	
								Chle	1	0	1	1		
								Arlo	0	1	0	1		
								Lede	1	0	2	0		
								Arfr	0	1	0	1		
								Sihy	0	0	2	1		
								Care	10	10	15	15		
								Vuoc	0	2	0	0		
								Pacu	7	6	0	7		

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

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[illegible]

Data Entered By_____

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Density

[illegible]

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Density

[illegible]

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Density

[illegible]

Recorder D. Welch
Data Entered By _____Page 15 of 23
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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09 '01		D	1	1	9	LEDE	0	0	1	0	
								ARFR	2	3	1	1	
								OPPO	2	1	0	0	
								SPO	1	0	0	0	
								ARLO	2	2	1	1	
								PACH	3	3	9	5	
								THTR	3	0	2	5	
								CHLE	0	0	0	1	
								CAHE	0	1	0	0	
		09 '01		D	1	1	10	EREF	0	1	0	0	
								SIAL	1	2	3	3	
								ARFR	0	1	0	1	
								ARLO	0	0	1	1	
								SIHY	0	0	0	1	
								SPO	0	3	2	0	
								LEDE	0	0	0	1	
								CAHE	0	5	1	0	
								THTR	0	3	3	0	

Recorder _____

Data Entered By D. WelchPage 16 of 23Date of Collection 6 Sep 2001

Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		09	01	D	1	2	10	ARFR	1	0	0	2	
								PLPA	2	0	0	0	
								GACO	0	0	0	3	
								THTR	5	3	3	2	
								OPPO	3	0	1	3	
								ARLO	1	3	1	1	
								SIHY	0	1	1	0	
								TRDU	0	1	0	0	
								SPCO	0	1	2	0	
								PACH	1	3	2	0	
		09	01	D	1	2	9	ARLO	2	0	3	0	
								SIHY	2	0	0	0	
								ARFR	0	1	1	1	
								LEDE	1	0	0	0	
								THTR	4	5	5	5	
								PACH	4	0	0	1	
								ECVI	0	0	1	0	
								SPCO	0	1	0	0	

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Density

[illegible]

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Density

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Density

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Density

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Density

[illegible]

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Density

[illegible]

2001 EPA - density Check off

E2	F2	G2	D2	F1	E1	G1	D1	G2
1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2
1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4	1-4
1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6
1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7	1-7
1-8	1-8	1-8	1-8	1-8	1-8	1-8	1-8	1-8
1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9	1-9
1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10	1-10
2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1	2-1
2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2
2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4
2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5
2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7	2-7
2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8
2-9	2-9	2-9	2-9	2-9	2-9	2-9	2-9	2-9
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4-9	4-9	4-9	4-9	4-9	4-9	4-9	4-9	4-9
4-10	4-10	4-10	4-10	4-10	4-10	4-10	4-10	4-10
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5-9	5-9	5-9	5-9	5-9	5-9	5-9	5-9	5-9
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Moore

Parton

Burke

Kelly

Mitchunas

Paustian

Hanan

Ojima

Sala

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(Denver)

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LYJU