

PI – Dan Milchunas

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Date of Collection 7/26/2010

Density

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Density

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		07	2010	0	1	3	9	LEDE	0	0	2	0	
								ARFR	1	2	1	1	
								CAME	7	7	6	3	
								STCO	1	0	1	0	
								SLCO	2	0	0	1	
								SIAL	0	1	0	0	
								PACH	0	0	1	2	
ESA		07	2010	0	1	3	10	ORPO	0	0	13	0	
								ARFR	1	1	1	0	
								SLCO	2	3	0	4	
								CVRI	1	0	0	0	
								NELI	0	0	3	3	
ESA		07	2010	0	1	4	1	ARFR	1	2	2	0	
								ORPO	0	3	0	3	
								SLCO	4	0	1	0	
								THFR	1	4	0	0	
								STCO	1	0	0	2	
								CAME	3	10	0	0	

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Quarter Plot

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA	-	7	10	D	1	7	10	SINR	1	0	1	1	
								ARFR	1	0	1	1	
								TATR	1	3	0	0	
								EREF	0	1	1	1	
								SPLO	0	1	0	0	
ESA	-	7	10	D	1	5	6	SPLO	2	0	1	0	
								ARFR	1	1	0	1	
								LAHI	17	12	22	17	
								LEDE	2	1	0	0	
								ELVI	0	0	4	1	
								SINR	0	0	1	0	
ESA	-	7	10	D	1	5	7	OPPO	5	0	0	6	
								CAHE	5	15	5	0	
								LEPU	0	2	0	1	
								ELVI	1	0	0	0	
								ARFR	0	0	1	0	
ESA	-	7	10	D	1	5	8	SPLO	2	0	0	0	
								CAHE	7	8	12	9	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA	-	7	10	D	1	1	7	CAHE	20	27	33	44	
								LAHE	3	3	0	1	
								ARFR	0	0	1	0	
								OROB	0	1	0	0	
ESA	-	7	10	D	1	1	8	THTR	1	2	0	0	
								LAHE	10	5	10	30	
								SPLO	0	2	0	1	
								OPPO	0	6	0	0	
								LEDE	0	0	1	0	
								TRDL	0	0	1	0	
								OROB	0	0	1	1	
								ARFR	0	0	0	1	
ESA	-	7	10	D	1	1	9	ARFR	1	0	0	0	
								THTR	1	0	0	1	
								LAHE	12	0	18	27	
								OPPO	0	11	4	0	
								LEDE	0	1	0	0	
								ARLO	0	0	1	1	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA	-	7	10	D	1	1	1	ARFR	1	0	1	0	
								ARLD	1	0	0	1	
								ELVS	1	0	0	0	
								LAHE	7	6	20	4	
								OPPD	0	3	7	9	
								LEDE	0	1	0	0	
								SOLD	0	2	1	0	
ESA	-	7	10	D	1	1	2	ARFR	1	2	1	0	
								TATR	3	1	0	0	
								OROB	1	1	0	1	
								PSTE	1	0	0	0	
								SITH	0	0	0	1	
								LAHE	0	0	0	8	
								OPPD	0	0	0	2	
ESA	-	7	10	D	1	1	3	SPCO	2	1	2	1	
								OROB	2	0	0	0	
								LAHE	22	15	20	33	
								SITH	1	0	0	0	

OPPD 0 2 0 0

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		7	2010	D	1	4	9	ORUB	'1	0	0	0	
								THTR	'1	"3	0	'1	
								ARLO	"2	0	0	0	
								SPCR	'1	'1	0	'1	
								SITHY	0	'1	0	'1	
								LEDE	0	0	'1	0	
		7	2010	D	1	4	8	CATHE	☒ ₁₀	☒ ₁₇	☒ ₁₀	☒ ₁₀	
								ARFR	0	'1	"3	0	
								LEDE	'1	0	0	0	
								HASP	0	0	0	'1	
		7	2010	D	1	4	7	CATHE	☒ ₁₅	☒ ₁₀	☒ ₂₀	☒ ₁₅	
								ARFR	0	'1	"2	"2	
		7	2010	D	1	4	6	SITHY	'1	0	0	0	
								CHLE	'1	0	0	0	
								SPCO	'1	0	0	0	
								CATHE	☒ ₅₀	☒ ₆₀	☒ ₆₀	☒ ₅₀	
								OPPO	0	"3	"2	0	
								ARFR	0	0	'1	'1	
								SIAL	0	0	0	'1	
								LEDE	0	0	0	"3	
								SPCR	0	0	0	'1	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		7	2010	D	1	2	10	OPPO	"2	'1	'1	0	
								LEDE	0	0	'1	'1	
								APFR	0	'1	'1	0	
								GACO	0	'1	0	0	
								THHR	0	0	:'3	:'3	
								SPCO	0	0	0	'1	
								SITHY	0	'1	0	0	
								APFR	'1	0	0	0	
								BUGL	'1	0	0	0	
								SPCO	:'2	0	0	'1	
								STCO	0	'1	:'3	'1	
								ARLU	0	'1	0	0	
								CATHC	0	0 10	0	0	
								LEDE	0	0	'1	0	
								SITHY	0	0	0	'1	
		7	2010	D	1	4	9	OPPO	:"3	0	:'15	0	
								APFR	"2	0	'1	"2	

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		7	2010	D	1	2	7	STCO	1	1	1	0	
								ARFR	1	1	0	0	
								CAHE	15	15	15	25	
								OPPD	0	0	0	2	
		7	2010	D	1	2	8	ARFR	1	0	0	0	
								OPPD	0	0	15	1	
								SPCW	0	0	0	1	
								OROB	1	0	0	0	
								CAHE	1	20	35	10	
								CHLE	0	0	1	0	
		7	2010	D	1	2	9	ARLO	1	0	0	0	
								THTR	1	0	0	0	
								TRDW	1	0	0	0	
								CAHE	1	0	0	0	
								ARFR	0	1	2	1	
								LEDE	0	1	0	0	
								PSTE	0	1	0	0	
								ECVI	0	0	0	2	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
		7	2010	D	1	2	4	CAHE	"2	"1	"3	"2	
								VUOC	0	"1	0	0	
								ARFR	0	"1	0	"1	
								ASOX	0	0	0	"1	
		7	2010	D	1	2	5	LEDE	"1	0	0	0	
								SPCO	0	"1	"1	0	
								ARFR	"1	0	0	0	
								CAFI	"2	"4	"1	"3	
								CAHE	☒☒ 20	☒☒☒ 25	☒☒☒☒ 35	☒☒☒☒ 40	
								DEPE	"1	0	0	0	
								OROB	0	0	"1	0	
		7	2010	D	1	2	6	CAHE	☒☒☒ 30	☒☒☒☒ 35	☒☒☒☒ 40	☒☒☒☒ 45	
								ARFR	0	"1	0	"1	
								SIHY	0	"1	0	0	
								SPCO	"1	"1	0	0	
								CAFI	"2	0	0	0	
								OROB	0	"1	0	0	
								MILI	0	"1	0	0	
								ARLO	0	0	0	"2	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
1	1	7	2010	D	1	2	1	STCO	1	0	0	6	
1	1							OPPD	1	0	0	0	
								LEDE	0	2	1	0	
								CAHE	0	1.5	1.5	1.5	
								THTR	1	0	0	1	
								CAFI	2	2	0	1	
								SPCO	0	1	0	0	
		7	2010	D	1	2	2	THTR	4	6	5	3	
								CAHE	1	2	8	1.5	
								ECVI	1	0	0	0	
								ARLO	0	0	0	0	
		7	2010	D	1	2	3	SPCO	2	2	2	0	
								THTR	1	0	0	0	
								OPPD	0	3	3	0	
								CAHE	7	11	10	0	
								CAFI	0	1	0	0	
		7	2010	D	1	2	4	SPCO	2	0	3	3	
								THTR	0	1	1	4	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7/2010		D	2	5	8	ECU1	0	3	0	0	
								AGSM	1	0	9	8	
								LEDC	0	0	0	1	
								SPR0	1	0	0	2	
								OPR0	0	0	0	6	
								ARRR	2	1	0	0	
ESA		7/2010		D	2	5	7	STC6	3	3	1	2	
								SRC0	3	0	0	0	
								ARRR	1	0	0	1	
								OPR0	5	0	0	0	
								CHLE	0	0	1	0	
								PSTE	0	0	1	0	
ESA		7/2010		D	2	5	6	PR10	5	1	8	5	
								ARRR	0	3	2	0	
								SPC0	1	3	1	0	
								CAHE	14	20	16	16	
								SIH1	0	0	0	1	
								STC6	0	0	1	0	

ARRR 0 0 0 1

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7/2010		D	2	3	1	OPPO	5	10	4	8	
								OPPO	1	1	0	0	
								CAHE	10	8	11	3	
								SIAT	2	0	1	1	
ESA		7/2010		D	2	3	2	STCO	1	0	0	1	
								ARTR	1	1	2	1	
								CAHE	2	0	0	6	
ESA		7/2010		D	2	3	3	ARTR	0	0	2	2	
								OROB	0	2	0	0	
								SIAL	0	0	2	0	
								ARW	0	0	0	1	
								CHLE	0	0	0	1	
								SPCO	1	0	0	1	
								STCO	1	1	1	0	
ESA		7/2010		D	2	3	4	OPPO	1	7	2	0	
								SPCO	0	1	1	0	
								STCO	0	1	2	2	
								CAHE	5	0	4	4	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7/2010		D	2	3	5	SIAL	0	0	1	0	
								SIHY	0	1	0	0	
								LEDE	0	0	0	1	
								KOSL	0	0	1	5	
								CHLE	0	0	0	1	
								ARFR	0	0	0	1	
								STCO	0	0	0	1	
ESA		7/2010		D	2	3	6	ECUI	0	0	2	0	
								SPLO	0	1	0	0	
								SIAL	1	0	0	0	
								ARFR	2	1	0	0	
ESA		7/2010		D	2	3	7	STCO	2	2	1	3	
								OROB	1	0	0	0	
								ARFR	0	0	0	1	
ESA		7/2010		D	2	3	8	ARFR	0	1	2	1	
								SPLO	1	0	1	1	
								STCO	3	1	0	1	
								OROB	0	0	0	1	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7/2010		D	2	3	9	STCO	1	2	1	1	
								OPPO	0	0	0	5	
								TRDU	0	0	1	0	
								CHLE	0	0	1	0	
ESA		7/2010		D	2	3	10	OPPO	3	6	0	3	
								ARFR	2	1	1	0	
								SIMY	1	0	0	1	
								LEDE	0	0	0	3	
								CHLE	0	0	0	1	
ESA		7/2010		D	2	5	10	ARFR	2	2	1	1	
								COXA	1	0	0	0	
								LEDE	0	1	1	0	
								STCO	2	2	0	2	
								EUGL	0	2	0	0	
ESA		7/2010		D	2	5	4	OPPO	5	0	0	0	
								LEDE	1	3	0	2	
								SIMY	0	1	0	0	
								STCO	1	0	0	2	

STCO 1 0 0 0
 CHLE 0 0 1 0
 HEPE 0 1 0 0

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Density

Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7	2010	D	2	4	7	PSTE	0	1	0	0	
								OPPO	0	1	10	8	
								SPCO	0	1	0	2	
								STCO	3	1	2	2	
								ECVI	0	0	0	1	
								EREF	0	1	0	0	
								AGSM	1	0	0	0	
ESA		7	2010	D	2	4	8	STCO	2	2	3	2	
								PSTE	0	2	0	0	
								ARLO	1	1	0	0	
								TROC	0	1	0	0	
								OPPO	4	0	0	0	
								ARFR	0	0	1	0	
								LEDE	0	0	0	1	
ESA		7	2010	D	2	4	9	CAME	2	9	3	3	
								OPPO	8	8	5	3	
								CHLE	0	1	0	0	
								SPCO	0	1	0	1	
								ARFR	0	1	0	0	

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ARS Study #3 (ESA)

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA		7	10	D	2	2	5	SPCO	2	2	0	0	
								STCO	1	1	0	1	
								OPPD	0	0	11	3	
								CAME	0	0	13	27	
ESA		7	10	D	2	2	4	SPCO	2	0	0	0	
								ARLO	1	0	0	0	
								STCO	1	0	1	2	
								OPPD	0	8	7	0	
								CHLE	0	1	0	0	
								CAME	22	17	9	8	
								ARFR	0	0	1	0	
								LEDE	0	0	1	0	
								ALSM	0	0	1	0	
BA		7	10	D	2	2	3	OPPD	18	0	2	10	
								STCO	1	2	2	2	
								CAME	3	5	8	11	
								ARFR	1	1	1	0	
								LEDE	0	0	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	
LSE	-	7	10	D	2	2		8	SPLC	2	1	3	0	
									ARFR	0	1	2	1	
									DROB	0	1	0	0	
									SITHY	0	1	0	1	
									OPPD	0	0	0	3	
EBA	-	7	10	D	2	2		7	SITHY	1	0	0	1	
									OPPD	5	0	1	3	
									STCO	3	2	1	2	
									ARFR	0	1	1	1	
									SPLC	0	0	0	1	
LSEA	-	7	10	D	2	2		6	OPPD	4	0	5	0	
									ARFA	1	0	1	1	
									STCO	0	3	2	1	
									SPLC	0	1	2	0	
									EREF	0	0	0	1	
									SITHY	0	0	0	1	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA	-	7	10	D	2	1	5	STCO	1	3	2	2	
								OROB	0	0	1	0	
								ARFR	0	0	1	1	
ESA	-	7	10	D	2	1	6	SPCO	2	0	2	0	
								STLO	2	2	2	3	
								ARFR	1	0	0	0	
								LEDE	0	0	1	0	
								ECVI	0	0	0	1	
								SABR	0	0	0	1	
ESA	-	7	10	D	2	1	7	STCO	1	0	2	3	
								OPPD	3	1	1	1	
								CANE	5	8	9	14	
								SPCO	0	0	0	1	
								THTR	0	1	0	0	
								SPCO	0	0	1	1	
								ECVI	0	0	0	2	
ESA	-	7	10	D	2	1	8	ARFR	2	0	0	1	
								STCO	1	2	1	0	
								OPPD	4	7	11	0	
								CANE	7	12	10	17	
								SPCO	1	0	0	2	
								LEDE	0	0	0	1	

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Site	Data Type	Month	Year	Treatment	Rep	Transect	Plot	Species	Quarter Plot				Notes
									1	2	3	4	
ESA	-	7	10	D	2	1	1	STHY	1	2	0	1	
								SPCO	1	1	2	3	
								CHIC	12	9	14	21	
								LEDE	0	1	0	0	
								SAIS	0	1	0	0	
								ARFR	0	0	1	0	
								SECR	0	0	1	0	
ESA	-	7	10	D	2	1	2	OPPO	2	3	6	0	
								ARFR	1	0	0	1	
								CAHE	17	23	32	23	
								STCO	1	1	2	1	
ESA	-	7	10	D	2	1	3	SPCO	1	0	0	1	
								OPPO	1	3	0	4	
								CAHE	17	15	23	30	
								STCO	1	1	2	1	
								CHIC	1	1	0	0	
								LEDE	0	1	0	1	
								ARFR	0	1	1	0	

ESA - 7 10 D 2 1 4

STCO - 2
SPCO - 1
SAIS - 0
OPPO - 1
CAHE - 0

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