

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/2/07	7	GG	10	7	42	Util	CRME	5.69	
							VUOC	.50	
							SPCO	.49	
							LEDE	.16	
							BOGR	2.12	
							SPCR	.20	
							SPCR	1.98	
							Thtr	.13	
							AGSM	.10	
	7	GG	8	7	42	NPP	CRME	14.22	Came in as CRME
							LARE	2.25	
							STCO	6.10	
							LEDE	1.41	
							SPCR	2.23	
							VUOC	1.89	
							BOGR	2.13	
							SPCO	1.87	
							PIPA	.94	
8/3/07	7	GG	3	21	44	Util	CRME	.54	
							AGSM	2.0	
							STCO	2.9	
							VUOC	.18	
							BOGR	2.34	
							SPCR	1.28	
8/2/07	7	GG	2	29	51	NPP	ORHY	5.79	
							STCO	1.22	
							CRME	1.06	
							LARE	.34	
							SPCO	2.08	
							VUOC	3.33	
							BOGR	7.57	
8/3/07	7	RU	2	28	9	NPP	VUOC	0.24	
							UNKFB	0.62	"ground cherry" (on bag)
							SPCO	0.70	
							ECRME	0.44	
							AGSM	0.22	
							COCA	0.05	
							LARE	0.67	
							SPCR	0.23	
							BOGR	6.67	
							STCO	15.02	
8/3/07	7	RU	10	26	23	NPP	SPCR	1.02	
							CHLE	0.08	

## Treatments:

GG = Grazed/Grazed

GU = Grazed/Ungrazed

UG = Ungrazed/Grazed

UU = Ungrazed/Ungrazed

RU = Rodent Ungrazed

Grazed treatments have both "Util" &amp; "Non-Util" plots.

Ungrazed treatments have only "Non-Util" (NPP) plots.

Sites: 5A, 5B, 7, 11, 19, 24  
(Location)

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes "All" bag
8-3-07	7	RU	10	26	23	NPP	VUOC	3.46	continued from p.1
							BOGR	4.01	
							SPCO	.57	
							STCO	15.63	
8/3/07	7	UG	1	5	49	util	PLPA	.06	
							BOGR	2.45	
9/3/07	7	UG	4	36	3	NPP	CAHE	.14	
							BOGR	1.97	
							UNFA	.41	unknown For 15 Phys
							SPCO	3.56	
							SPCR	3.62	
8/3/07	7	UG	7	32	68	NPP	VUOC	0.26	
							SIHY	0.19	
							LEDE	0.23	
							CHIL	0.08	
							CRME	1.20	
							BOGR	5.07	
							SPCO	2.40	
8-5-07	7	RU	4	18	5	NPP	STCO	16.02	
							SPCR	0.81	
							BOGR	2.54	
							VUOC	0.50	
							CAHE	1.39	
							SPCO	0.88	
8-2-07	7	UU	1	34	20	NPP	SIHY	12.42	
							SIAB	1.15	
							STCO	0.32	
							LEDE	1.75	
							LARE	1.87	
							VUOC	1.41	
							CAHE	0.34	
							AROR	4.67	
							SPCR	1.04	
8-3-07	7	RU	3	17	15	NPP	BOGR	4.81	
							VUOC	.37	← Add in ARLO 0.28g
							STCO	10.07	
							PLPA	.10	
							SPCO	2.21	
							CHIL	.09	
							CAHE	1.69	
2/2/07	7	GG	1	39	50	NPP	PLPA	.09	
							VUOC	.08	
							SPCO	2.14	

## Treatments:

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 UU = Ungrazed/Ungrazed

RU = Rodent Ungrazed

Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/2/07	7	GG	1	39	20	NPP	CAHE	0.90	cont. from p. 2
							BOGR	7.49	
8/2/07	7	UG	1	5	49	NPP	VUOC	0.57	
							PLPA	0.34	
							CRME	0.45	
							BOGR	4.37	
8/2/07	7	UU	3	26	29	NPP	STCO	8.88	
							VUOC	0.06	
							Agsm	0.04	
							Arfr	3.90	
							BOGR	2.58	
							LEDE	1.09	
							Sini	0.57	
							Andr	2.30	
8/2/07	7	GU	10	32	70	NPP	BOGR	0.32	
							SPCO	0.95	
							STCO	22.53	
							SPCR	1.81	
8/2/07	7	RU	5	3	21	NPP	STCO	5.30	
							BOGR	2.66	
							CAHE	2.17	
							EREF	13.31	
							C. villosa	28.99	
8/2/07	7	GG	5	34	3	UTIL	PLPA	0.52	
							VUOC	0.03	
							LEDE	0.12	
							STCO	1.05	
							SPCR	0.28	
							CRMI	1.58	
							BOGR	7.57	
							CAHE	1.98	
8/2/07	7	GG	4	41	2	UTIL	PSTF	0.20	
							SPCR	0.94	
							CAHE	2.09	
							BOGR	2.41	
8/2/07	7	GG	9	58	41	NPP	VUOC	0.11	
							LEDE	0.90	
							SPCO	0.57	
							CRMI	1.79	
							BOGR	4.03	

Some marked UG = written backwards

## Treatments:

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Grazed treatments have both "Util" &amp; "Non-Util" plots.

Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8-3-07	7	UG	5	26	46	Util	CRME	0.51	
							SPCO	0.55	
							ARFR	0.27	
							LEDE	0.49	
							SPCR	3.01	
							STCO	8.90	
							VUOC	5.38	
							BOGR	9.70	
8-3-07	7	RU	1	20	8	NPP	SPCO	5.35	
							EREF	13.18	
							CHLE	0.10	
							CAHE	1.04	
							SPCR	3.27	
							BOGR	3.71	
							STCO	15.85	
8-2-07	7	GG	3	48	14	NPP	SPCO	6.45	
						(Non-Util)	CAHE	5.83	
							BOGR	2.21	
							LIIN?	6.21	sp. ID poss. uncertain
8-3-07	7	RU	6	24	20	NPP	ARLO	0.12	
							SPCO	0.33	
							EREF	4.91	
							UNFO	0.09	Physalis virginiana?
							BOGR	8.04	
							STCO	10.34	
							SPCR	.36	
8-3-07	7	RU	9	11	4	NPP	SPCO	1.46	
							STCO	17.92	
							BOGR	2.26	
8-3-07	7	GU	3	9	33	NPP	ARFR	0.87	
							SPCO	0.23	
							EREF	4.55	
							BOGR	3.74	
							STCO	7.02	
							CAHE	0.32	
8-3-07	7	GU	2	84	9	NPP	CAHE	1.14	
							STCO	1.65	
							BOGR	4.13	
							LEDE	0.56	
8-3-07	7	GU	5	107	76	NPP	EREF	6.79	
							SPCO	0.15	
							BOGR	1.56	
							SAIB	0.06	

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.



Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8-3-07	7	GU	5	107	76	NPP	CHLE	0.32	continued from pg 4
							STCO	22.17	
8-3-07	7	RU	7	29	4	NPP	BOGR	1.12	
							CAEL	0.11	
							STCO	11.28	
							EREF	12.03	
8-2-07	7	UU	9	10	78	NPP	SPCO	0.74	
							CHLE	0.08	labeled CHLE & CHAL
							LEDE	1.71	
							BOGR	10.32	
8-3-07	7	UG	7	32	68	Util	UNFR	0.05	TRACE
							SPCR	1.31	
							AGSM	1.72	
							CRME	7.22	
							STCO	3.51	
							VUOC	0.49	
							LARE	1.64	
							ARFR	0.83	
							LIDU	0.53	
							LEDE	0.06	
							PLPA	0.53	
							SPCO	0.31	
							CAHE	3.29	
							BOGR	6.10	
8-3-07	7	GU	6	92	90	NPP	CAHE	0.20	
							BOGR	1.20	
							EREF	5.42	
							SIHY	1.22	
							STCO	9.43	
8-2-07	7	GG(?)	3	48	14	Util	ARFR	7.87	
							CAHE	4.33	
							SPCR	1.48	
							BOGR	3.68	
8-2-07	7	UU	2	16	13	NPP	LEDE	2.89	
							SPCO	0.45	
							CAHE	0.37	
							BOGR	4.98	
							STCO	7.53	
							SIHY	1.50	
8-3-07	7	RU	8	2	29	NPP	EREF	3.02	
							CHLE	0.26	
							SPCO	2.36	
							CAHE	1.12	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

**Treatments:**

**RU = Rodent Ungrazed**

Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

9.56  
5.25

SGS Lter Gztx-NPP Biomass Data for 2007

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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/2/07	7	UU	10	22	52	NPP	SPCO	2.20	
							CAFL	0.31	
							BOGR	4.31	
8/2/07	7	GG	1	39	50	Util	ORLY	1.72	
							SPCO	0.81	
							LEDE	0.03	
							CAHE	3.20	
							BOGR	4.27	
8/3/07	7	UG	3	21	44	NPP	VUOC	0.03	
							SPCR	0.10	
							EREF	1.43	
							SPCO	1.00	
							BOGR	4.86	
							CRME	0.76	
							LEDE	0.16	
							STCO	1.51	
8-2-07	7	GG	6	35	47	UTIL	SPCR	1.63	
							LEDE	0.27	
							BOGR	9.35	
							CAHE	0.08	
							ARLO	1.25	
							CRME	0.25	
							SPCO	1.12	
8-3-07	7	UG	9	14	31	NPP	ACRMI	0.83	
							PLPA	0.32	
							STCO	0.44	
							AGSM	1.91	
							LEDE	1.08	
							VUOC	0.33	
							SPCR	5.84	
8-3-07	7	UG	8	19	76	UTIL	CAHE	0.41	
							CRME	0.28	
							AGSM	1.12	
							BOGR	3.81	
8-3-07	7	UG	4	36	3	UTIL	AGSM	0.62	
							VUOC	0.04	
							SPCR	0.88	
							SPCO	0.76	
							BOGR	8.00	
8-2-07	7	UU	4	17	40	NPP	SIHY	0.73	
							STCO	2.11	
							SPCR	1.06	
							BOGR	1.76	

Treatments:

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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8-3-07	7	UG	5	26	46	NPP	SPCR	1.59	
							LEDE	—	no sample in bag
							LARE	0.44	
							VUOC	0.51	
							SPCO	0.63	
							BOGR	2.85	
							CRME	13.00	
8-3-07	7	UG	8	19	76	NPP	BOGR	0.90	
							ARFR	0.58	
							STCO	1.05	
							SPCR	2.42	
							SPCO	1.96	
							VUOC	0.08	
							CRME	0.28	
							CAHE	1.26	
8-2-07	7	UU	5	35	14	NPP	SPCO	2.07	
							CAHE	1.58	
							BOGR	2.64	
							AGSM	0.20	
							LEDE	3.42	
8-2-07	7	GG	8	1	42	Util	SPCR	0.45	
							CRME	1.92	
							SPCO	0.41	
							LEDE	0.28	
							VUOC	0.84	
							EREF	2.41	
							PLPA	1.27	
							BOGR	3.25	
8-2-07	7	UU	7	20	17	NPP	CAHE	0.89	
							BOGR?	4.77	sp/bag not labeled!
							SPCO	0.88	↳ looks like BOGR though
							LEDE	2.12	
							STCO	7.51	
8-3-07	7	UG	2	13	31	Util	BOGR	3.62	
							VUOC	0.06	
							PLPA	0.07	
							SPCR	0.03	
							CRME	0.07	
8-2-07	7	UU	6	41	64	NPP	SPCO	0.29	
							SPCR	0.24	
							CAHE	0.96	
							BOGR	5.93	
							STCO	12.24	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/20/07	7	GG	2	29	51	Util	SPCO	4.66	
							STCO	2.12	
							SIHY	1.77	
							VUOC	.78	
							BOGR	4.56	
							SPCR	.91	
							CRME	5.95	
8/31/07	7	UG	2	13	31	NonUtil	SPCO	.63	
							LEDE	.43	
							BOGR	4.61	
							CAHE	3.10	
							VUOC	.06	
8/31/07	7	GU	1	56	4	NonUtil	SPCO	3.43	
							LEDE	1.12	
							VUOC	.90	
							CHLE	.15	
							ARLO	.10	
							BBTE	.04	
							BOGR	3.68	
8/31/07	7	GU	9	64	56	NonUtil	Arfr	1.64	
							CHLE	.09	
							STCO	4.26	
							SPCR	1.11	
							Arlo	1.53	
							SPCO	.26	
							BOGR	4.42	
8/21/07	7	GG	4	41	2	NonUtil	VUOC	.13	
							ABFR	.60	
							PLPA	.11	
							CRMI	.99	
							STCO	1.26	
							SPCR	.99	
							SPCO	3.58	
							LEDE	.45	
							BOGR	5.49	
8/21/07	7	GG	5	34	3	NonUtil	LEDE	.44	
							SPCO	1.00	
							CHLE	.04	
							SPCR	2.21	
							CAHE	1.25	
							BOGR	2.24	
8/21/07	7	GG	6	35	47	NonUtil	SPCO	.84	
							CAHE	3.14	

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8-10-07	7	GG	6	35	47	Non-Util	BOGR	11.32	cont from p. 9
8-3-07	7	GU	8	70	4	Util	CAHE	0.66	
							SIHY	0.28	
							SPCR	0.80	
							SPCO	1.10	
							VUOC	0.02	
							LEDE	4.93	
							STCO	4.13	
							BOGR	4.99	
8-3-07	7	GU	7	59	88	NPP	STCO	9.29	
							CAEL	2.61	
							SPCO	0.75	
							?	0.82	unmarked bag, looks like 8/2
8-2-07	7	GG	10	7	42	NPP	CRM1	1.77	
						?	?	0.34	bag marked ?
							VUOC	3.30	
							AGSM	0.01	
							LARI	1.91	
							BRTE	1.02	
							LEDE	0.02	
							SPCR	11.30	
							BOGR	5.34	
							PLPA	0.89	
							BUDA	0.35	
							SPCO	1.40	
8-2-07	7	GG	9	58	41	Util	LARE	1.41	
							SPCR	1.95	
							SPCO	2.35	
							CAEL+VUOC	0.52	
							CRM1	6.92	
							SIHY	2.31	
8-2-07	7	GG	7	20	58	NPP	PLPA	0.16	
							SPCO	1.65	
							BOGR	1.24	
							CRM1	1.65	
							SPCR	0.42	
							VUOC	0.41	
8-3-07	7	UG	6	30	47	NPP	LJUV	0.87	
							SPCR	0.39	
							CRM1	0.64	
							SPCO	0.59	
							VUOC	1.27	
							LEDE	0.03	

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

trace, too small to ID

GG = Grazed/Grazed  
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Grazed treatments have both "Util" & "Non-Util" plots.  
Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7/6/07	19	GG	6	19	48	NPP	LARE	0.31	
							Arb	0.25	
							SPCB	2.15	
							VUOC	1.08	
							SPCO	0.86	
							Mata	1.65	
							CRNE	2.86	
							LEDE	1.18	
							BOGR	5.84	
8-6-07	19	GG	1	33	16	NPP	MATA	0.35	
							PLPA	0.07	
							SPCO	2.37	
							SAIB	0.02	
							SPCR	5.60	
							VUOC	3.41	
							ARLO	0.11	
							LEDE	0.16	
							LARE	3.51	
							CRM1	5.32	thistle - CRME?
							UNFO	0.31	Asmo? OXLA?
							STCO	5.03	
							BOGR	6.41	
8/6/07	19	GG	5	38	31	NPP	MATA	2.91	
							SPCO	0.87	
							CRM1	1.55	
							SPCO	3.52	
							LEDE	1.05	
							LARE	2.67	
							BOGR	3.20	
8/6/07	19	GG	9	55	10	NPP	CRM1	0.02	
							SPCR	0.87	
							CAEL	0.12	
							MATA	1.52	
							SPCR	2.14	
							BOGR	0.34	
							STCO	1.54	
							LEDE	2.48	
8/6/07	19	GG	4	33	50	NPP	CHV1	0.31	
							SPCO	1.37	
							Mata	2.96	
							PLPA	0.14	
							SPCR	0.64	
							VUOC	0.17	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/6/07	19	GG	4	33	50	NPP	LORE	1.60	cut from p.12
							LEDE	1.24	
							CRMI	3.36	
							BOGR	11.48	
							SIHI	0.10	
8-6-07	19	GG	7	2	33	NPP	CRME	0.35	
							VUOC	0.15	
							UNFR	1.16	Asmo? OXLA?
							MATA	0.97	
							SPCR	0.07	
							LEDE	0.28	
							STCO	13.01	
							BOGR	8.80	
8-6-07	19	GG	10	19	58	NPP	STCO	0.20	
							SAIB	3.23	
							CRMI	1.70	thistle - CRME?
							CHAL	2.28	
							MATA	3.37	
							SPCO	1.05	
							BOGR	4.01	
							SIHI	3.24	
							SPCR	18.19	
8-6-07	19	GG	8	30	48	NPP	SPCR	2.87	
							LEDE	1.98	
							CRME	2.10	
							SPCO	0.08	
							PLPA	0.02	
							AGSM	0.37	
							BOGR	5.62	
							MATA	1.58	
							SIHY	0.09	
							VUOC	0.05	
							LARE	0.47	
7-6-07	19	GG	3	15	23	NPP	CRME	1.53	
							LEDE	0.08	
							LARE	1.75	
							VUOC	0.34	
							unknown 1	0.08	
							unknown 2	0.10	
							MATA	4.25	
							SPCR	0.37	
							SPCO	0.41	
							BOGR	10.31	

## Treatments:

GG = Grazed/Grazed  
 GU = Grazed/Ungrazed  
 UG = Ungrazed/Grazed  
 UU = Ungrazed/Ungrazed

RU = Rodent Ungrazed

Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

**Treatments:**

**RU = Rodent Ungrazed**

**Grazed treatments have both "Util" & "Non-Util" plots.  
Ungrazed treatments have only "Non-Util" (NPP) plots.**



Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8.6.07	19	UU	3	10	75	NPP	SIAL	15.71	
							AGSM	18.29	
							BOGR	1.54	
							ATCA	1.48	
8.6.07	19	GIG	4	33	50	UTIL	UNFA	0.05	trace
							SPCO	0.28	
							LEDE	0.29	
							SPCR	0.84	
							LARE	5.27	
							CRME	2.31	
							MATA	0.35	
							STCO	0.21	
							BOGR	13.30	
8.6.07	19	UG	2	10	60	NPP	CHLE	0.92	
							MATA	1.11	
							VUOC	0.18	
							SPCO	0.12	
							CHAL	0.45	
							LEDE	3.79	
							BOGR	4.29	
8.6.07	19	UU	4	12	9	NPP	CAHE	0.39	
							SPCR	0.11	
							BOGR	0.48	
							SPCO	0.30	
							STCO	21.82	
8.6.07	19	UG	4	9	29	NPP	SPCR	0.15	
							BOGR	4.86	
							STCO	.72	
							CAHE	2.29	
							EREF	2.10	
							VUOC	0.49	
8.6.07	19	UG	4	9	29	UTIL	CRME	5.85	
							BOGR	2.98	
							VUOC	2.39	
							STCO	4.64	
							CHAL	0.21	
							MATA	1.15	
							SPCR	5.89	
							LEDE	1.39	
							SPCO	0.42	
							PLVA	0.47	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
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**Treatments:**

**RU = Rodent Ungrazed**

**Grazed treatments have both "Util" & "Non-Util" plots.  
Ungrazed treatments have only "Non-Util" (NPP) plots.**

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8.4.07	19	GG	1	33	16	UTIL	SPCR	2.57	There are additional samples for this plot on 8.16.07
							CRME	.94	
8.4.07	19	UG	1	1	4	NPP	BOGR	3.03	
							VUOC	2.43	
							LXIV	1.25	
							CAEL	1.50	
							CRMI	1.52	
							SPCR	7.41	
							CHLE	0.04	
							STCO	2.75	
8.6.07	19	GU	2	40	57	NPP	SPCO	0.23	
							BOGR	0.57	
							STCO	17.96	
8.6.07	19	UG	1	1	4	UTIL	SPCO	.50	
							ARLO	1.93	
							STCO	9.61	
							CHLE	.21	
							CAEL	5.18	
							BOGR	5.03	
8.6.07	19	GU	1	14	67	NPP	STCO?	.61	bag wasn't labeled
							AGJM	10.00	
							BOGR	3.63	
8.6.07	19	GG	3	15	23	UTIL	SPCO	.87	
							SPCR	2.35	
							PLPA	.21	
							BOGR	2.50	
							MATA	.76	
							LARE	.98	
							VUOC	.07	
							CRMI	.60	
8.6.07	19	UG	3	2	10	NPP	SPCR	.68	
							CRMI	.71	
							SPCO	.75	
							LITV	.08	
							CAHE	1.16	
							LEDE	.58	
							VUOC	3.87	
							BOGR	6.64	
8.6.07	19	GU	3	13	2	NPP	STCO	1.81	
							LEDE	7.72	
							BOGR	2.44	
							SEHV	.40	
							SAIB	15.06	

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util - cows are allowed to graze  
 Non-util (NPP) - cows are kept out  
 ... no grazing

can from 130

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8.6.07	19	GU	3	13	2	NPP	CULE	2.27	continued from page 1
							TAPA	.12	
							MATA	1.04	
8.6.07	19	UG	2	16	60	UTIL	STCO	.65	
							BOGR	8.81	
							MATA	2.11	
							VUOC	.13	
							CHAL	.25	
							LEDE	1.84	
8.6.07	19	GG	2	44	53	UTIL	MATA	7.18	
							CRME	5.20	
							AGSM	1.09	
							BOGR	15.42	
							VUOC	.49	
							LEDE	1.38	
							ARLO	.12	
							SPCR	1.12	
							SPCO	.34	
8.6.07	19	UU	2	11	47	NPP	SAIB	35.86	
							BOGR	1.06	
							SPCO	2.73	
							AGSM	.31	
7.26.07	24	UG	1	14	22	NPP	BOGR	1.84	
							BUDA	1.13	
							BRTE	.01	
							PIDA	.26	
							AGSM	.17	
							LEDE	.42	
7.26.07	24	GG	1C	59	48	NPP	BUDA	.40	
							VUOC	.08	
							LEDE	.04	
							SPCO	2.01	
							BOGR	8.56	
							ARLO	.91	
							CALIE	1.90	
7.26.07	24	GG	1C	59	48	UTIL	BOGR	4.60	
							VUOC	.01	
							LEDE	.02	
							CALIE	.15	
							BUDA	2.15	

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7-26-07	24	GG	4	49	41	NPP	LEDE	0.07	
							CHAL	0.06	
							SPCO	.31	
							BUDA	.46	
							BOGR	3.58	
7-27-07	24	UG	3	34	77	NPP	BUDA	.39	
							BOGR	2.46	
7-26-07	24	UG	3	38	1	UTIL	LEDE	.15	
							PLPA	.02	
							BOGR	4.48	
							VUOC	2.25	
							CAME	.45	
							SPCO	.28	
7-26-07	24	UG	2	40	3	UTIL	BOGR	1.47	
							CAME	.76	
7-27-07	24	UU	1C	49	59	NPP	BOGR	2.23	
							AGSM	21.46	
							ARFR	0.04	
7-26-07	24	GG	4	49	41	UTIL	SPCO	.05	
							LEDE	.02	
							ARFR	2.29	
							VUOC	5.36	
							CAME	.72	
							BUDA	5.79	
							BOGR	4.38	
7-26-07	24	UG	3	38	1	NPP	VUOC	.20	
							BOGR	2.01	
7-26-07	24	UG	4C	73	22	NPP	BUDA	22.66	
							ARFR	3.07	
							VUOC	.66	
							CAME	9.40	
							PH??	.24	→ labeled as such
							C. Villarsa	7.75	?
							ARLO	.63	
							AGSM	6.52	
							PLPA	.07	
							BOGR	.63	
7-27-07	24	UU	4	86	29	NPP	AGSM	11.59	
							BOGR	2.25	
							ARFR	.09	
							LEDE	.11	
							SPCR	.62	

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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7-26-07	24	GG	2	17	38	NPP	PLPA	.06	
							SPCO	.52	
							C.Villorosa	3.55	
							VUOC	.07	
							LEDE	.07	
							BUDA	.59	
							CAHE	.66	
							BOGR	3.60	
7-26-07	24	GG	2	17	38	UTIL	SPCO	1.63	
							VUOC	.04	
							CAHE	.11	
							BOGR	2.49	
7-26-07	24	GG	3	2	11	UTIL	LAHE	.33	
							BRTE	.06	
							LEDE	.09	
							SPCO	.46	
							VUOC	.16	
							BOGR	5.22	
7-26-07	24	GG	3	2	11	NPP	SPCO	.41	
							VUOC	1.79	
							BOGR	16.48	
							ARFR	.03	
							CAHE	.33	
							BRTE	.03	
7-26-07	24	UG	4C	73	22	UTIL	ARFR	4.28	
							BUDA	11.18	
							ARLO	2.35	
							GUHA	.66	
							AGSM	5.40	
							BOGR	2.98	
							CAHE	3.54	
							VUOC	.11	
7-24-07	24	GU	4	13	52	NPP	BUDA	2.37	
							BOGR	5.21	
7-27-07	24	GU	1	19	30	NPP	PLPA	.32	
							ARFR	1.04	
							SIHU	5.53	
							ARLO	.32	
							LEDE	.50	
							BOGR	12.12	
							VUOC	.61	
							AGSM	1.31	

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[illegible]

GG = Previously Grazed/Currently Grazed  
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**Sites are: 5A, 5B, 7, 11, 19 & 24**

Trace Amount = 0.05

*\*Only currently grazed treatments will have Util plots.*

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8-6-07	19	UU	1	22	56	NPP	SPCO	0.14	
							Cahe	0.45	
							Saib	5.03	
							Agsm	0.81	
							Spgr	0.18	
							Chle	2.84	
							BOGR	0.16	
							LEDE	2.96	
8-1-07	11	UU	4	18	34	NPP	CHLE	0.19	
							BOGR	1.85	
							AGSM	2.58	
							SPCO	.85	
							CAHE	6.59	
							ARFR	3.31	
							GACO	.11	
							STAL	4.50	
8-2-07	11	GG	2	48	6	Util	VOOC	.21	
							Agsm	1.39	
							Cahe	.90	
							BOGR	5.18	
8-1-07	11	UG	4	9	11	Util	SPCO	.88	
							BOGR	.65	
							Cahe	.42	
8-1-07	11	UG	1	33	35	Util	Buda	.03	
							SPCO	.36	
							AGSM	.58	
							CAHE	1.02	
							BOGR	4.48	
8-2-07	11	GU	4	80	24	NPP	BOGR	1.81	
							TAPA	.05	
							Cahe	.82	
							Agsm	10.63	
8/1/07	11	UU	1C	28	2	NPP	SPCO	.97	
							BOGR	5.30	
							LEDE	.11	
							AGSM	6.46	
							Cahe	3.11	
8-1-07	11	UG	3	25	5	NPP	PLPA	.10	
							BOGR	3.22	
							Cahe	1.61	
							SPCO	1.66	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
8-2-07	11	GG	1	20	24	NPP	BOGR	2.96	
							VUOC	.08	
							AGsm	.07	
							BUDA	8.22	
							TAPA	.03	
							CAHE	.92	
8/6/07	19	VG	3	2	10	V+U	LEde	.23	
							VUOC	1.36	
							Lyju	.38	Labeled as Liju
							SPCO	1.89	however it resembles
							BOGR	5.95	skeletonweedy
							CHAI	.05	Lygo desmia juncea
7/26/07	24	UG	2	40	3	NPP	SPCO	.16	
							VUOC	1.39	
							CAHE	.35	
							BOGR	6.22	
							LEde	.23	
							CRMI	.16	
8/2/07	11	GU	1	25	71	NPP		.02	2 Unknown Forbs
							AGsm	8.56	
							CAHE	.82	
							VUOC	.47	
							BOGR	2.32	
8/2/07	11	GG	1	20	24	V+U	CAHE	.62	
							AGsm	2.98	
							BUDA	.35	
							BOGR	8.18	
8-2-07	11	GG	3	54	55	NPP	BUDA	.22	
							VUOC	.58	
							CHAI	.35	
							ASOX	.20	
							AGsm	3.71	
							BOGR	6.71	
							SPCO	.04	
8-2-07	11	GG	4	32	60	NPP	BUDA	.36	There is bark, anything in the
							BOGR	.88	plot. Cope is fine just nothing
8-1-07	11	UG	3	25	5	V+U	BOGR	4.95	
							CAHE	.12	
							AGsm	1.39	
							SPCO	5.33	
							VUOC	.71	
8-2-07	11	GG	3	54	55	V+U	BOGR	2.40	
							VUOC	.08	
							ARFR	.14	
							AGsm	3.66	
							SPCO	1.07	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

\*Only currently grazed treatments will have Util plots.

Done

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
8-2-07	11	GG	4	32	60	U+1	AGsm	5.73	
							GUsa	1.85	
							SPCO	1.08	
							BOgr	3.29	
							Buda	1.08	
8-1-07	11	VV	12	21	17	NPP		.02	Euphorbia
							ARfr	.94	
							SPCO	.39	
							CAhe	5.72	
							BOgr	1.91	
							AGsm	14.53	
8/1/07	11	UG	4	9	5	NPP	CAhe	.87	
							ASox	.26	
							BOgr	.61	
8/2/07	11	GU	3	10	83	NPP	BOgr	.48	
							CAhe	.51	
							SPCO	1.85	
							AGsm	32.87	
8-1-07	11	UG	1	33	55	NPP	ARfr	1.45	see note on bag
							BOgr	.63	
							SPCO	.34	
8-2-07	11	GG	2	48	6	NPP	BOgr	4.23	
							ARfr	1.19	
							VUoc	.29	
							Buda	3.14	
							CAhe	2.51	
8-1-07	11	VV	3	51	21	NPP	BOgr	.34	
							SPCO	.19	
							ARfr	.48	
							CAhe	2.67	
							STCO	10.86	
8-1-07	11	UG	7	3	41	NPP	SPCO	.40	Cage was moved before crew arrived
							CAhe	.88	
							Buda	.44	
							BOgr	.76	
							AGsm	.46	
8-2-07	11	GU	2	50	35	NPP	Buda	.10	
							AGsm	5.60	
							UNFA	.02	
							BOgr	2.22	
							SPCO	1.63	
							CAhe	5.23	

\* Note on bag read:

"Under the cage where the bag was, there was absolutely nothing... So, still under the cage I moved the doberman to the East where there was something to clip." B.W.

GG = Previous  
GU = Previous  
UG = Previous  
UU = Previous  
RU = Roder

Sites are: 5A, 5B, 7, 11, 19 &amp; 24

Trace Amount = 0.05

Only currently grazed treatments will have Util plots.

Isaiah  
Start  
Here



GG = Previously Grazed/Currently Grazed  
GU = Previously Grazed/Currently Ungrazed  
UG = Previously Ungrazed/Currently Grazed  
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Trace Amount = 0.05

*\*Only currently grazed treatments will have Util plots.*

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7-30-07	5A	UU	1	2	15	NPP	Bogr	2.68	
							CHIE	.81	
							SPco	1.25	
							LARE	.55	
7-30-07	5A	UG	1	43	30	Vt.1	CAhe	.20	
							CHAL/CHLE	.09	
							Bogr	3.67	
							SPco	.11	
7-30-07	5A	UG	7	32	28	NPP	SPco	.92	
							Oppo	1.18	
							Bogr	5.25	
							CHAL	.43	
							CAhe	.61	
7-31-07	5A	RU	3	17	15	NPP	SPco	.89	
							Bogr	3.27	
							CAhe	2.80	
7-31-07	5A	RU	5	3	21	NPP	Bogr	6.84	
							CHAL/CHLE	.17	
							SPco	7.15	
							CAhe	.88	
7-31-07	5A	RU	1	20	8	NPP	AGsm	11.57	
							SPco	2.37	
							GUsa	2.94	
							CAhe	.91	
							LEde	.10	
							Bogr	3.22	
7-31-07	5A	RU	8	2	29	NPP	Sigb	.21	
							Sonn	.39	
							CAhe	1.16	
							Bogr	4.97	
							SPco	10.33	
							SThy	9.27	
7-30-07	5A	UU	5	57	20	NPP	AGsm	2.20	
							CHIE	.49	
							CAhe	.70	
							SPco	.72	
							LARE	.19	
							Bogr	6.39	
							ARfr	.17	
7-30-07	5A	UG	2	33	4	NPP	CHAL	.20	
							CHLE	.39	
							Bogr	9.97	
7-30-07	5A	UG	9	29	18	Vt.1	CAhe	.12	
							Bogr	2.05	
							CHin	.16	
							CHIE	.31	
							SPco	.93	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

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Trace Amount = 0.05

*\*Only currently grazed treatments will have Util plots.*

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7-27-07	24	UU	3	69	39	NPP	ARFR	.72	entire contents of bag surrounded by gopher mounds
							AGSM	14.32	
							BOGR	2.18	
7-30-07	5A	GU	2	10	14	NPP	SPCO	1.14	
							AGSM	.06	
							CHLE	.08	
							BOGR	5.30	
							CAHE	.81	
							CHAL	.68	
7-30-07	5A	GU	5	4	81	NPP	SPCO	.75	
								2.15	CHAL/CHIN
							SELA	4.33	
							CAHE	.77	
							BOGR	2.71	
7-30-07	5A	GG	2	23	16	NPP	BOGR	5.27	
							CAHE	1.15	
							CHAL	1.11	
							SPCO	1.95	
							BIIDA	1.18	
7-30-07	5A	GU	3	17	41	NPP	CHAL	.51	
							BOGR	6.53	
							SPCO	1.59	
7-30-07	5A	GG	8	34	12	UTEL	K OSC	2.63	
							CAHE	1.37	
							SPCO	1.37	
							BOGR	5.38	
7-30-07	5A	GG	9	45	53	NPP	BOGR	4.62	
							CHLE	5.74	
							CHAL	5.48	
							SPCO	1.06	
							CAHE	.24	
7-30-07	5A	GU	6C	32	95	NPP	SPCO	3.43	
							BOGR	4.37	
							CHLE	.19	
							CHAL	.91	
7-30-07	5A	UG	1C	39	42	UTIL	SPCO	1.55	
							CHIN	5.23	
							BOGR	3.28	
							CAHE	.54	
7-30-07									

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7.30.07	5A	UU	2	27	20	NPP	CAHE	.26	
							BOGR	4.62	
							CHLE	.69	
							SPCO	.21	
							CHAL	1.55	
7.30.07	5A	UU	9	49	28	NPP	AGSM	.44	
							CHLE	1.48	
							CELA	2.38	
							CHAL	9.17	
							CAHE	0.23	
							BOGR	3.46	
7.30.07	5A	GU	1	8	39	NPP	AGSM	.15	
							BOGR	5.99	
							SPCO	2.33	
7.30.07	5A	UG	6	50	14	NPP	CHIN	7.15	
							CAHE	0.16	
							ARLV	.38	
							BOGR	6.46	
							SPCO	.84	
7.30.07	5A	UU	3	36	6	NPP	AGSM	1.59	
							BOGR	4.95	
							→	0.46	CHAL + CHLE
7.30.07	5A	GU	8C	39	7	NPP	BOGR	4.55	
							ARLV	3.72	
							CHLE	0.16	
							CHAL	.78	
7.30.07	5A	UU	6	32	10	NPP	AGSM	7.75	
							CAEL	0.18	
							BOGR	5.71	
7.31.07	5A	RU	2	28	9	NPP	CAHE	3.11	
							BOGR	7.16	
							SPCO	1.21	
							→	.23	CHLE + SEAB
7.30.07	5A	UU	7	30	27	NPP	BOGR	6.28	
							CELA	3.28	
							SPCO	0.55	
							CHAL	1.02	
							CHLE	.52	
7.30.07	5A	UG	8	36	26	UTEL	CHAL	1.47	
							SPCO	.56	
							→	.20	CHIN + CHLE
							BOGR	4.30	
							CAHE	0.15	

## Treatments:

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Grazed treatments have both "Util" & "Non-Util" plots.  
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cont. →

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7-30-07	5A	UG	8	36	26	UTIL	CELA	4.52	
7-30-07	5A	UG	2	33	4	UTIL	SPCO	0.13	
							BOGR	5.06	
							AGSM	0.19	
							CHAL	0.25	
							CHLE	0.39	
							CAHE	0.08	
7-31-07	5A	RU	7	25	4	NPP	LEDE	0.05	
							ATCA	12.22	
							CAHE	12.18	
							BOGR	0.16	
							SPCO	0.87	
							THHM	3.56	
7-30-07	5A	UG	8	36	26	NPP	BOGR	5.66	
							CAHE	.21	
							CHAL	.47	
							THTR	0.11	
							CHLE	.08	
							SPCO	.41	
							AGSM	1.31	
							CELA	2.31	
7-30-07	5A	UG	3	10	29	NPP	SPCO	0.77	
							CAHE	0.52	
							CHTN	3.47	
							BOGR	2.10	
7-30-07	5A	UU	4	24	22	NPP	→	.31	CHAL + SONH
							CHLE	.34	
							BOGR	10.55	
7-30-07	5A	UG	6	7	1	NPP	SPCO	5.26	
							CHLE	0.34	
							CHTN	0.24	
							CAHE	0.29	
							BOGR	0.84	
7-30-07	5A	UG	3	10	29	UTIL	ATCA	6.20	
							SPCO	.77	
							BOGR	2.96	
							CAHE	.14	
7-30-07	5A	UG	7	32	28	UTIL	CHAL	0.50	
							BOGR	3.03	
							CAEL	.15	
							SPCO	.87	
							CELA	.81	

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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7.30.07	5A	UG	9	29	18	NPP	CHLE	.14	
							CHIN	.49	
							BOGR	3.16	
							CAHE	.29	
7.31.07	5A	RU	6	24	20	NPP	SPCO	2.98	
							AGSM	2.28	
							BOGR	7.74	
							→	.13	LEDE + CHAL
							CELA	.38	
8.1.07	5B	RU	3	17	15	NPP	CHAL	.04	
							AGSM	10.02	
							CAHE	0.24	
							BOGR	3.28	
							SPCO	.52	
8.1.07	5B	GU	2	51	100	NPP	SPCR	2.92	
							BOGR	.74	
							SPCO	.66	
							CAHE	.55	
							AGSM	11.36	
							STCO	3.47	
7/31/07	5B	GG	4	44	48	NPP	BOGR	3.86	
							CAHE	1.31	
							CHAL	.31	
							SPCO	1.25	
							BUDA	.40	
							ARLV	.75	
8/1/07	5B	UU	1	26	12	NPP	BOGR	4.27	
							SPCO	.48	
							AGSM	1.67	
							CHIN	.60	
							LEDE	.28	
							EREF	2.19	
							CAHE	.66	
8/1/07	5B	RU	5	3	24	NPP	CAHE	2.60	
							ARER	.02	
							BOGR	7.62	
							SPCO	5.29	
							CHAL	.01	
8/1/07	5B	UU	6	7	36	NPP	CAEL	1.43	
							AGSM	1.25	
							BOGR	5.02	
							CHLE	1.66	

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7.31.07	SB	GG	6	37	31	NPP	SPCO	.16	
							BUDA	.19	
							BOGR	7.49	
							CAHE	2.01	
							AGSM	.96	
8.1.07	SB	RU	4	18	5	NPP	BOGR	4.01	
							SPCO	2.61	
							CHIN	.79	
							AGSM	.27	
							CAHE	.46	
8.1.07	SB	GU	6	59	9	NPP	AGSM	.95	
							CAEL	41.22	
							BOGR	2.97	
8.1.07	SB	UU	7C	22	17	NPP	CAHE	.13	
							AGSM	5.14	
							BOGR	4.52	
8.1.07	SB	UU	8	49	11	NPP	CAHE	1.90	
							SPCO	.34	
							CHAL	.13	
							AGSM	1.44	
							BOGR	4.80	
8.1.07	SB	UU	10C	47	26	NPP	CHIN	.18	
							SPCO	.94	
							AGSM	1.12	
							CAHE	1.70	
							BOGR	5.52	
7.31.07	SB	GG	3	11	17	UTEL	BOGR	3.56	
							AGSM	.29	
							SPCO	.54	
							CAHE	1.71	
7.31.07	SB	UG	7	16	20	NPP	BOGR	6.88	
							CAEL	2.06	
							SPCO	1.00	
8.1.07	SB	RU	9	11	4	NPP	CAHE	2.09	
							SPCO	2.96	
							BOGR	4.71	
							AGSM	3.28	
7.31.07	SB	GG	1	38	6	NPP	BOGR	3.02	
							ATCA	10.56	
							AGSM	3.05	
							CAHE	.55	
							BUDA	.45	

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4/10  
11:45-

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7.31.07	5B	UG	10	7	1	UTIL	CAHE	.58	
							SPCO	.36	
							AGSM	.84	
							CHAL	1.07	
							BOGR	2.73	
7.31.07	5B	UG	6	45	36	NPP	CAHE	4.83	
							CHIN	.74	
							SPCO	.46	
							BOGR	6.38	
7.31.07	5B	UG	3	8	8	NPP	OPPO		→?
							SPCO	1.98	
							CAHE	4.60	
							AGSM	1.06	
							BOGR	1.44	
							CHAL	.03	
7.31.07	5B	GG	4	44	48	UTIL	BOGR	4.89	
							CAHE	.83	
							ARLU	.46	
							CHIN	.59	
							BUDA	.08	
							SPCO	.54	
8.1.07	5B	RU	2	28	9	NPP	AGSM	2.00	
							LARE	.07	
							SPCR	3.75	
							CHLE	.39	
							BOGR	2.13	
							SPCO	4.13	
7.31.07	5B	GG	7	37	33	NPP	BOGR	1.99	
							CAHE	3.49	
							BUDA	5.05	
8.1.07	5B	RU	7	29	4	NPP	ARFR	2.49	
							ATCA	1.39	
							LEDE	.10	
							CRMI	.06	
							BOGR	6.21	
							CHAL	.82	
							AGSM	2.14	
							SPCO	1.02	

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

maxi

GG = Grazed/Grazed  
GU = Grazed/Ungrazed  
UG = Ungrazed/Grazed  
UU = Ungrazed/Ungrazed

Grazed treatments have both "Util" & "Non-Util" plots.  
Ungrazed treatments have only "Non-Util" (NPP) plots.



Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7-31-07	5B	GG	10	45	38	NPP	CHAL	.32	
							SPCO	.41	
							BOGR	3.26	
							BUDA	.13	
							CAHE	.73	
8-1-07	5B	GU	8	93	71	NPP	BOGR	5.94	
							CAHE	.12	
							AGSM	1.25	
							PLPA	.05	
							ARFR	2.30	
7-31-07	5B	GG	8	56	48	NPP	BOGR	3.54	
							CAEL	1.64	
							STHY	3.15	
							SPCO	.85	
							ARLO	.60	
							ARFR	1.02	
8/1/07	5B	GU	5	92	74	NPP	LEDE	.46	
							SPCO	.48	
							BOGR	2.43	
							AGSM	2.38	
8/1/07	5B	GU	4	95	46	NPP	CAHE	.30	
							SPCO	3.62	
							LEDE	.16	
							BOGR	1.15	
							AGSM	1.67	
							CHIN	.13	
							ARLO	.35	
7/31/07	5B	GG	9	46	33	NPP	BOGR	2.57	
							CHAL	.34	
							SPCO	1.51	
							CAHE	.90	
8/1/07	5B	UU	4	20	22	NPP	CAHE	1.89	
							AGSM	6.83	
									LEDE=.02 CHAL=.05
							SPCO	.32	
							BOGR	4.01	
8/1/07	5B	RU	8	2	29	NPP	BOGR	3.18	
							AGSM	11.80	
							LEDE	.29	
							CHIN	.58	

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Grazed treatments have both "Util" & "Non-Util" plots.  
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Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
8/1/07	SB	GU	10	40	79	NPP	→		CHLE=.02 CHAL=.03
							SPCO	.25	
							AGSM	5.59	
							BOGR	3.52	
							TLTR	.15	
8/1/07	SB	UU	2	18	41	NPP	LEDE	.88	
							MATA	.11	
							BOGR	3.83	
							CAHE	1.21	
							CHAL	.19	
							CHLE	.02	
							AGSM	1.26	
7/31/07	SB	GG	5	41	59	NPP	CHIN	.21	
							CAHE	.94	
							SPCO	1.48	
							BOGR	4.05	
							BUDA	3.30	
8/1/07	SB	RU	1	20	8	NPP	CHIN	.70	
							ARER	12.86	
							AGSM	3.65	
							BOGR	5.73	
							SPCO	.55	
							CAHE	.38	
7/31/07	SB	GG	7	37	33	UTIL	BOGR	3.34	
							LEDE	.45	
							AGSM	1.96	
							CAHE	1.57	
							TAPA	.04	
							BUDA	2.24	
7/31/07	SB	UG	5	60	11	UTIL	BOGR	2.42	
							CAHE	1.96	
8/1/07	SB	RU	10	26	23	NPP	ARER	18.15	
							BOGR	3.58	
							SPCO	4.78	
							CAHE	3.81	
							AGSM	1.69	
									PLPA=.06 CHLE=.05
7/31/07	SB	GG	3	11	17	NPP	BOGR	4.64	
							CAHE	.90	
							AGSM	.37	
							SPCO	.44	
							CHAL	.06	

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (grams)	Notes
7/31/07	SB	GG	2	31	15	NPP	BOGR	2.23	
							CAHE	.30	
							AGSM	1.21	
							SPCO	.35	
7/31/07	SB	GU	7	47	22	NPP	BOGR	9.92	
							CAHE	.13	
							CHAL	.07	
7/31/07	SB	UG	9	74	9	UTIL	BOGR	2.93	
							CAHE	2.05	
7/31/07	SB	UG	4	17	3	NPP	CAHE	1.41	
							BOGR	2.11	
							SPCO	.15	
7/31/07	SB	GG	9	46	33	UTIL	AGSM	.77	
							CAHE	1.67	
							BUDA	.52	
							BOGR	3.60	
7/31/07	SB	UG	6	45	36	UTIL	CHIN	.31	
							CAHE	4.58	
							BOGR	4.29	
8/18/07	SB	UU	3	9	7	NPP	CAHE	1.93	
							AGSM	3.35	
							SPCO	1.04	
							BOGR	1.90	
							CHAL	.13	
7/31/07	SB	UG	4	17	3	UTIL	AGSM	.27	
							CAHE	.38	
							BOGR	.66	
7/31/07	SB	GG	10	45	36	UTIL	TAPA	.05	
							BUDA	.07	
							AGSM	.20	
							CAHE	.57	
							SPCO	.31	
							BOGR	8.74	
7/31/07	SB	GG	2	31	15	UTIL	BOGR	1.38	
							CAHE	.53	
							BUDA	.18	
							SPCO	.37	
7/31/07	SB	UG	3	8	8	UTIL	CAHE	2.26	
							BOGR	1.03	
							SPCO	.08	
							BUDA	.54	

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Grazed treatments have both "Util" & "Non-Util" plots.  
 Ungrazed treatments have only "Non-Util" (NPP) plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/30/07	5A	GG	7	46	23	NPP	CAHe	.44	
							Sial	.02	
							SPCO	6.36	
							Chal	4.82	
							Chle	1.64	
							Boar	4.96	
							Intv	.09	
7/30/07	5A	GU	7	3	70	NPP	Boar	1.16	
							AgSm	10.00	
							Chal	.59	
							SiHy	1.07	
7/31/07	5A	RU	4	18	5	NPP	AgSm	20.94	
							Boar	2.14	
7/30/07	5A	GU	10	46	50	NPP	ATCA	19.44	
							SPCO	3.86	
							SiHy	5.79	
							CHLE	.65	
							CHAL	.41	
							BoGN	2.27	
7/30/07	5A	GG	10	35	50	Util	SPCO	3.17	
							Boar	1.18	
							CAHe	.09	
							CHAL	8.17	
							CHLE	.33	
7/30/07	5A	GG	3	43	2	NPP	SPCO	5.45	
							Saib	.05	
							Chal	2.23	
							ATCA	5.46	
							SPCR	3.23	
							Boar	4.47	
7/30/07	5A	UU	8	51	21	NPP	Cela	2.43	
							CHle	.36	
							SPCO	1.66	
							AgSm	1.10	
							CAHe	.03	
							Boar	1.82	
							Chal	.80	
7/30/07	5A	GG	7	46	23	Util	Boar	2.74	
							Chal	3.28	
							SPCO	3.16	
							Cela	6.22	
							CAHe	.24	
7/30/07	5A	GG	3	43	2	Util	ATCA	30.37	
							Saib	.67	
							SPCO	3.09	
							CAHe	.39	
							SiHy	.54	
							Boar	1.02	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

\*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/30/07	5A	GG	3	43	2	Util	CHIN	4.22	
7/30/07	5A	UG	1	43	30	NPP	SPCR	1.46	
							CANE	.84	
							BOGR	.60	
							AGSM	1.22	
							SPCO	.87	
							CHIN	2.90	
							CHLE	.40	
7/30/07	5A	UU	10	44	27	NPP	CHAL	.39	
							BOGR	1.01	
7/30/07	5A	GG	2	23	16	UTIL	BOGR	1.12	
							CHAL	3.10	
							SPCO	3.55	
							CANE	.27	
7/30/07	5A	UG	4	17	7	NPP	BOGR	5.88	
							SPCO	.20	
							SONU	.09	
							CHLE	.53	
							CHAL	.12	
							AGSM	.09	
7/30/07	5A	GG	16	5	7	UTIL	CANE	.24	
							SPCO	.46	
							CHAL	.06	
							BOGR	5.59	
7/30/07	5A	UG	4	17	7	UTIL	AGSM	.36	
							CHLE	.34	
							chin/chal	2.79	
							BOGR	2.61	
7/30/07	5A	UG	6	50	14	UTIL	CANE	1.16	
							KOSC	.24	
							SPCO	.34	
							CHIN	2.62	
							BOGR	2.64	
7/30/07	5A	GG	8	34	12	NPP	KOSC	1.82	
							SPCO	5.62	
							CANE	.85	
							BOGR	5.31	
7/30/07	5A	UG	5	54	22	UTIL	CHLE	.18	
							AGSM	.29	
							BOGR	7.78	
							CANE	.34	
7/30/07	5A	GG	4	33	33	UTIL	ALCA	1.53	
							CANE	.36	
							CHAL	6.60	
							SPCO	1.29	
							BOGR	3.06	

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 RU = Rodent Ungrazed

Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

\*Only currently grazed treatments will have Util plots.



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GU = Previously Grazed/Currently Ungrazed  
UG = Previously Ungrazed/Currently Grazed  
UU = Previously Ungrazed/Currently Ungrazed  
RU = Rodent Ungrazed

Trace Amount = 0.05

*\*Only currently grazed treatments will have Util plots.*

GG = Previously Grazed/Currently Grazed  
GU = Previously Grazed/Currently Ungrazed  
UG = Previously Ungrazed/Currently Grazed  
UU = Previously Ungrazed/Currently Ungrazed  
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Trace Amount = 0.05

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# 2007 LTER GZTX Standing Dead Samples

Site 19 GG	Plot	grams
8/6/2007	1	0.62 ✓
	2	1.33 ✓
	3	2.79 ✓
	4	1.51 ✓
	5	1.94 ✓
	6	0.3 ✓
	7	2.67 ✓
	8	0.07 ✓
	9	2.52 ↓
	10	1.51 ↓

Site 7 GG		
8/2/2007	1	2.61
	2	5.88
	3	0.32
	4	3.21
	5	2.51
	6	8.08
	7	0.85
	8	1.44
	9	1.69
	10	2.96

LTNPP	Transect	Plot	grams
Site 24 ridge 8/8/2007	1	1	2.85
		2	3.96
		3	2.08
		4	0.87
		5	6.36
	2	1	1.42
		2	1.78
		3	14.67
		4	4.49
		5	1.49
	3	1	6.2
		2	0.42
		3	2.84
		4	0.56
		5	0.29