

SAMPLE
DATE

LOC

Trmt

Plot

Coord.

Spec.

Weight

Util

	1	2	3	4	5	6	7	8	9	
1	80593									
2	8-5-93	24	UG	2	39,11	Bogr	2.30	Util		
3	8-5-93	24	UG	2	39,11	Arlo	12.31	Util		
4	8-3-93	5a	UG	1	16,18	CAHE	1.03	Util		
5	8-3-93	5a	UG	1	16,18	SPCO	1.27	Util		
6	8-3-93	5a	UG	1	16,18	Bogr	22.76	Util		
7	8-3-93	5a	GG	4	40,12	CAHE	.17			
8	8-3-93	5a	GG	4	40,12	SPCO	.52			
9	8-3-93	5a	GG	4	40,12	Bogr	12.05			
10	8-4-93	7	GG	1	14,18	SPCO	.15	Util	Disturbed: Ant Mound	
11	8-4-93	7	GG	1	14,18	Stco	.16	Util		
12	8-4-93	7	GG	1	14,18	Lede	.05	Util		
13	8-4-93	7	GG	1	14,18	Bogr	9.00	Util		
14	8-4-93	7	GG	3	30,61	SPCO	.39	Util		
15	8-4-93	7	GG	3	30,61	Bogr	1.28	Util		
16	8-4-93	7	GG	3	30,61	SPCO	5.24	Util		
17	8-4-93	7	GG	3	30,61	erof	.61	Util		
18	8-4-93	7	GG	3	30,61	Arlo	14.45	Util		
19	8-3-93	5A	UG	4	36,13	CAHE	.08			
20	8-3-93	5A	UG	4	36,13	AGSM	2.96			
21	8-3-93	5A	UG	4	36,13	SPCO	.34			
22	8-3-93	5A	UG	4	36,13	Bogr	12.55			
23	8-3-93	5B	GG	1	12,44	Bogr	14.09	Util		
24	8-3-93	5B	GG	1	12,44	Astragalus	Sup. 1.27	Util		
25	8-3-93	5B	GG	1	12,44	CAHE	1.95	Util		
26	8-4-93	19	UG	1	11,71	Bogr	2.01	Util		
27	8-4-93	19	UG	1	11,71	Stco	3.58	Util		
28	8-5-93	24GU		3	14,09	PLPA	.83			
29	8-5-93	24GU		3	14,09	UNGL	.04			
30	8-5-93	24GU		3	14,09	LEDE	.12			
31	8-5-93	24GU		3	14,09	ARLO	.85			
32	8-5-93	24GU		3	14,09	BOGR	10.51			
33	8-5-93	24	GG	1	33,12	BUDA	4.09	Util		
34	8-5-93	24	GG	1	33,12	ARLO	.31	Util		
35	8-5-93	24	GG	1	33,12	BOGR	3.78	Util		
36	8-3-93	5A	GG	4	44,12	BOGR	15.13	Util		
37	8-3-93	5A	GG	4	44,12	SPCO	1.13	Util		
38	8-3-93	5A	GG	4	44,12	CAHE	.06	Util		
39	8-3-93	5A	GG	1	34,01	BOGR	18.27			
40	8-3-93	5A	GG	1	34,01	SPCO	.11			
41	8-3-93	5A	GG	1	34,01	CAHE	2.16			
42	8-3-93	5A	GG	2	35,19	BOGR	16.18			
43	8-3-93	5A	GG	2	35,19	SPCO	.61			
44	8-3-93	5A	GG	2	35,19	CAHE	.67			
45	8-5-93	24	GG	4	59,08	BOGR	2.79			
46	8-5-93	24	GG	4	59,08	CAHE	1.37			
47	8-5-93	24	GG	4	59,08	BUDA	1.16			
48	8-4-93	7	UG	3	18,26	Bogr	3.58	Util		
49	8-4-93	7	UG	3	18,26	Stco	.24	Util		
50	8-4-93	7	UG	3	18,26	CAHE	.21	Util		

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	1	2	3	4	5	6	7	8	9	
1	8-4-93	7	UG	3	18,26	SPCO.	.14	util		
2	8-4-93	5B	GG	3	21,36	BOGR	12.91			
3	8-4-93	5B	GG	3	21,36	CAHE	.82			
4	8-4-93	5B	GG	3	21,36	MUTO	1.97			
5	8-3-93	5A	GG	3	43,3	BOGR	17.33	util		
6	8-3-93	5A	GG	3	43,3	SPCO	.11	util		
7	8-3-93	5A	GG	3	43,3	CAHE	.28	util		
8	8-3-93	5A	UG	3	31,22	BOGR	16.60			
9	8-3-93	5A	UG	3	31,22	CAHE	1.31			
10	8-3-93	5A	UG	3	31,22	SPCO	1.54			
11	8-3-93	5A	UG	1	12,18	BOGR	19.72			
12	8-3-93	5A	UG	1	12,18	CAHE	.23			
13	8-3-93	5A	UG	1	12,18	SPCO	.14			
14	8-4-93	5B	UG	1	27,05	BOGR	10.37	util		
15	8-4-93	5B	UG	1	27,05	CAHE	.48	util		
16	8-4-93	5B	UG	1	27,05	SPCO	.05	util		
17	8-3-93	5A	UG	2	26,21	BOGR	15.34	util		
18	8-3-93	5A	UG	2	26,21	CAHE	3.96	util		
19	8-3-93	5A	UG	2	26,21	SPCO	.17	util		
20	8-3-93	5B	UG	4	54,21	BOGR	9.25			
21	8-3-93	5B	UG	4	54,21	CAHE	2.06			
22	8-3-93	5B	UG	4	54,21	AGSM	.02			
23	8-3-93	5B	UG	4	54,21	ARFR	.21			
24	8-5-93	19	GU	1	24,32	BOGR	14.55			
25	8-5-93	19	GU	1	24,32	SIHY	12.14			
26	8-3-93	5A	UG	2	22,21	BOGR	10.74			Disturbed Site
27	8-3-93	5A	UG	2	22,21	CAHE	1.00			↓
28	8-3-93	5A	UG	2	22,21	SPCO	1.92			Disturbed Area
29	8-3-93	5B	UG	3	54,07	ARFR	4.63	util		↓
30	8-3-93	5B	UG	3	54,07	AGSM	6.57	util		
31	8-3-93	5B	UG	3	54,07	SPCO	1.21	util		
32	8-3-93	5B	UG	3	54,07	CAHE	.05	util		
33	8-3-93	5B	UG	3	54,07	ASSP	.56	util		
34	8-3-93	5B	UG	3	54,07	BOGR	1.01	util		
35	8-5-93	19	GU	3	14,09	STCO	2.94			
36	8-5-93	19	GU	3	14,09	BOGR	5.38			
37	8-5-93	19	GU	3	14,09	CAHE	.42			
38	8-5-93	19	GU	3	14,09	SIHY	1.05			
39	8-3-93	5B	GG	4	26,22	BOGR	6.86	util		{ 26,22 inner bag 26,24 outer bag }
40	8-3-93	5B	GG	4	26,22	CAHE	.29	util		
41	8-3-93	5B	GG	1	8,44	BOGR	18.74			
42	8-3-93	5B	GG	1	8,44	CAHE	.52			
43	8-4-93	5A	UU	3	53,22	BOGR	24.31			
44	8-4-93	5A	UU	3	53,22	CAHE	.05			
45	8-4-93	5A	UU	3	53,22	ARFR	7.01			
46	8-5-93	19	UU	3	68,37	STCO	13.33			
47	8-5-93	19	UU	3	68,37	CAHE	1.60			
48	8-5-93	19	UU	3	68,37	SPCO	1.11			
49	8-3-93	5B	UG	3	50,07	BOGR	9.69			
50	8-3-93	5B	UG	3	50,07	ARFR	.10			

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Sample Date	Loc.	Trmt.	Plot	Coord.	Spec.	Weight	Util
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Sample Date	Loc	Tpmt	Plot	Coord	Spec.	WZ	Util		
8-4-93	5A	Un Un	2	50,09	Bogr Agsm Speco Cake Mabi	17.99 3.79 .82 .06 .02			
8-4-93	7	GZ Un	2	18,8	Bogr Cake	3.87 1.14			
8-4-93	7C	GZ Un	3	14,09	Bogr Buda cake	9.51 .13 .06			
8-4-93	19	Un GZ	1	7,71	Stco Bogr Agsm chal	16.98 3.39 .24 .34			
8-4-93	19	GZ GZ	4	89,8	Bogr Specr	11.80 .13			
8-4-93	5A	GZ Un	3	14,09	Bogr Cela cake	10.99 1.99 1.11			
8-4-93	19	GZ GZ	1	16,24	Bogr	9.25			
8-3-93	5A	GZ GZ	3	39,3	Bogr Atka Speco cake	13.66 2.01 .55 .51			
8-4-93	7	Un Un	1	14,85	Bogr Speco Pipa cake	10.33 .26 .16 .01			
8-2-93	11	Un Un	1	85,14	Buda Bogr Agsm cake	3.57 2.52 1.56 4.42			
8-4-93	19	GZ GZ	3	69,12	Bogr Speco Specr Si hy Stco	8.51 .19 .51 .47 .81	Util ↓ ✓		
8-4-93	7	GZ GZ	4	31,79	Bogr Caky Speco Specr	10.65 .99 .20 .44			

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Sample Date	Loc	Trmt	Plot	Coord	Spec	Wt			
8-4-93	5A	un un	4	21,30	Agsm Spec Bogr Mint Sp.	23.91 0.13 1.74 0.03			
8-4-93	7	un un	4	20,48	Bogr Spec Cake	9.40 0.15 0.32		Disturbance - Ant Mound	
8-4-93	19	GZ GZ	2	48,17	Bogr Spec Cake	9.41 2.24 1.45			
8-4-93	19	GZ GZ	4	93,8	Bogr Shy Stco Spec Spec	10.82 0.54 0.45 1.88 0.22			
8-4-93	19	GZ GZ	3	65,12	Bogr Stco Spec Chle Spec Lare	17.15 10.42 1.89 0.48 0.97 0.69			
8-4-93	7	GZ un	4	32,40	Stco Bogr Spec Arlo	9.90 6.72 7.41 1.62			
8-5-93	24	un GZ	1	14,21	Buda Agsm Bogr Spec Cake	3.13 4.18 1.85 0.07 2.47			
8-4-93	7	un GZ	1	9,73	Bogr Agsm Spec Spec Arlo Cake	3.82 2.59 0.07 0.62 0.10 1.41			
8-4-93	7	un UG	3	14,26	Bogr Stco Spec Erof	8.28 3.42 0.15 0.61			
8-5-93	19	un GZ	3	17,49	Bogr Chle	11.81 1.62			

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Sample Date	Loc	Trmt	Plot	Coord.	Spec	Wt.	Util		
8-5-93	19	GU	2	18,08	Bogr ster plp9 cake Speco	6.99 5.78 .02 .60 .12			
8-5-93	19	Un Un	2	8,30	Stco Bogr Erof Speco	16.74 5.03 1.55 .77			
8-5-93	24	Un GZ	3	64,16	Arfr Agsm Speco S,hy	23.32 18.40 .08 .54			
8-3-93	5A	Un GZ	P	40,13	Bogr Speco Agsm	10.89 .64 2.21	Util ↓		
8-3-93	5B	GZ	3	25,36	Buda Bogr cake	.65 12.92 1.11	Util ↓		
8-5-93	19	Un GZ	2	15,16	Stco Speco baco Specr Lysu cake Bogr	14.01 .07 .02 .69 .06 .09 2.48			
8-5-93	19	Un Un	1	9,35	Stco S,hy Speco Bogr	48.65 1.35 1.42 3.93			
8-2-93	5B	GZ GZ	2	19,30	Bogr cake	7.81 2.52	Util Util		
8-5-93	19	U6	3	21,49	Bogr Oppo Ungl Speco	14.25 .26 .03 .06	Util ↓		
8-5-93	24	Un GZ	4	82,29	Bogr Agsm cake Buda Arfr	9.13 2.11 1.54 .72 .24	Util ↓		

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Sample Date	Loc	Trmz	Plot	Coord.	Spec.	Wt.	Util		
8-5-93	19	Un GZ	4	50,77	Stco Bogr Speco	3.19 2.56 .02	Util ↓		
8-4-93	7	Un GZ	11, 23	13,73	Bogr Cake S.hy	7.86 2.57 .48	Util ↓		
8-3-93	5B	Un Un	1	85,14	Bogr Agsm Speco Erof Arfr cake	11.38 1.87 .36 .99 3.46 .03			
8-5-93	24	GZ GZ	3	39,22	Bogr cake Speco	3.70 1.64 .57			
8-5-93	19	GZ Un	4	32,40	Bogr Stco Plpa Specr Lyju	11.49 1.31 .18 3.50 .20			
8-5-93	24	Un GZ	3	68,16	Buda Agsm cake Speco Bogr Arfr unfb	6.06 3.74 .54 .41 .48 .95 .14	Util ↓		
8-5-93	19	Un GZ	2	19,16	Stco Speco Bogr	35.67 .76 1.51	Util Util Util		
8-5-93	24	GZ Un	1	24,32	Bogr Agsm Plpa cake	14.31 2.17 .25 .10			
8-5-93	24	GZ GZ	4	63,8	Buda cake Bogr Speco	6.19 2.29 .49 .44	Util ↓		
8-5-93	19	GZ GZ	2	52,17	Bogr Stco	2.14 .41	Util ↓		Large Disturbance
8-5-93	24	GZ GZ	1	29,12	Bogr Piop Plpa	12.70 1.58 .02			

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Sample Date	Loc	Trmt	Plot	Coord.	Spec.	Wt.	Utl		
8-5-93	24	GZ Un	2	18,08	Bogr Plpa Speco Cake	8.68 0.04 0.24 0.09			
8-5-93	24	U6	4	78,29	Bogr Cake Arlo Plpa	7.62 1.99 1.39 0.09			
8-5-93	24	Un GZ	2	35,11	Arfr Bogr Plpa Cake Agsm Sihy Speco	3.12 1.74 0.95 0.50 2.96 1.08 0.39			
8-5-93	24	Un Un	2	82,40	Agsm Sihy Speco Bogr Arfr	28.62 2.71 0.39 0.14 0.06			
8-5-93	24	Un Un	3	13,37	Bogr Speco cake	2.61 0.54 0.17			
8-5-93	24	GZ Un	4	32,40	Bogr Speco Lede Plpa	13.28 0.48 0.05 0.06			
8-5-93	24	Un Un	4	48,20	Agsm Bogr Speco Budg cake	12.24 1.47 0.73 1.63 0.18			
8-5-93	24	GZ GZ	3	43,22	Budg Cake Bogr	3.71 0.74 0.93	Utl ↓		
8-5-93	24	Un Un	1	85,14	Budg Speco Cake Sihy Lede Bogr	9.03 0.57 0.92 0.36 0.02 0.54			

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Sample Date	Loc	Trmt	Plot	Coord.	Spec.	Wt.	Util		
8-5-93	24	GZ GZ	32 43	35, 43	Buda Cake Spec lede	8.91 1.38 0.68 0.05			
8-4-93	19	GZ GZ	1	16, 24	Spec stec sper unfb	0.04 2.88 2.52 0.07			
8-2-93	11	GZ Un	2	18, 08	Ag sm Bogr lede chle Spec thfe	11.15 15.18 0.38 0.06 1.04 0.25			
8-4-93	7	GZ	3	26, 61	Erof Bogr s.hy Spec sper Arlo ungr unfb.	12.89 8.32 3.42 0.18 2.15 1.09 0.19 0.97			
8-3-93	5A	GZ GZ	1	38, 01	Bogr Arlo Spec s.hy Cake	12.98 4.07 0.28 1.56 1.43	Util		
8-4-93	7	Un GZ	2	12, 50	Bogr Spec busa Spec sper Astr Erof	16.03 9.33 0.92 0.50 1.37 0.02 8.47			
8-4-93	7	GZ	2	15, 43	Arlo Bogr Erof Spec lede sper	18.44 8.66 2.02 0.34 0.01 1.55			
8-3-93	5B	GZ GZ	4	22, 24	Bogr Buda Cake	5.55 2.14 0.78			

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Sample Date	Loc	Trmt	Plot	Coord	Spec	WZ	Util		
8-3-93	SB	GZ Un	4	32,40	Bogr Erof cake Speco	15.41 • 11 • 98 • 34			
8-5-93	24	GZ GZ	2	39,43	Arfr Bogr Speco Plpa cake	11.43 4.28 • 35 • 16 1.27	Util ↓		
8-3-93	SB	GZ Un	2	18,08	Bogr Speco cake	13.45 1.05 • 21			
8-2-93	11	Un Un	4	48,20	Bogr Agsm Assp chle ledc cake Arfr	14.85 8.00 5.33 • 07 • 09 1.97 • 13			
8-3-93	SB	GZ Un	3	14,09	Bogr cake	11.61 • 07			
8-3-93	SA	Un GZ	3	35,22	Bogr Agsm cela Speco cake	12.56 3.06 • 86 • 51 • 36	Util ↓		
8-2-93	11	GZ Un	4	32,40	Bogr Agsm Buda Speco cake Tapa Assp	4.42 3.82 3.69 • 45 • 12 • 04 1.13			
8-3-93	SB	Un Un	4	48,20	Bogr Speco Agsm cake	9.86 • 17 • 36 2.60			
8-4-93	SB	Un GZ	2	41,5	Bogr cake Arfr Agsm Piop Speco	8.94 • 21 • 87 2.77 1.01 • 41	Util ↓		

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Sample Date	Loc	Trmt	Plot	Coord.	Spec.	Wt.	Util.		
8-3-93	5B	GZ GZ	2	15,30	Bogr Buda saka Speco Coke	9.26 3.38 0.07 0.12 0.03			
8-3-93	5B	Un Un	2	82,40	Bogr Coke Agsm Speco	5.09 1.06 5.47 0.17			
8-2-93	11	GZ GZ	4	40,18	Bogr Coke Arlo Speco Agsm Astr Buda Tapa Plpa Musa	3.18 2.20 0.54 0.22 0.13 0.19 1.87 0.21 0.17 0.06	Util ↓		
8-2-93	11	GZ	3	23,40	Buda Coke Lichen Bogr	3.80 1.85 0.46 2.63			
8-2-93	11	GU	1	24,32	Bogr Assp. Plpa Piop Agsm Iede baco	30.52 3.55 2.26 0.88 0.92 0.51 0.09			
8-2-93	11	Un GZ	4	64,8	Bogr Astr Agsm Chle Speco	4.49 12.44 2.29 0.11 0.45	Util ↓		Ant mounds adjacent to plot.
8-2-93	11	Un GZ	3	40,20	Buda Agsm Bogr Assp. Piop Specr Speco Iede Coke	2.62 4.40 7.39 2.08 4.82 0.03 0.48 0.10 2.48			

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Sample Date	Loc	TrmZ	Plot	Coord.	Spec	Wt.	Util		
8-3-93	5B	Un 6Z	2	37, 5	Arfr	12.48			
					Bogr	7.68			
					Agsm	1.23			
					Musa	.06			
					Cake	.67			
					SPCO	.11			
8-3-93	5B	6Z Un	1	24, 32	Bogr	8.02			
					Arlo	3.16			
					Prop	1.12			
					Agsm	.15			
					Chna	.12			
					Spec	.09			
					Cake	.08			
								Small mammal disturbed site	
								↓	
8-2-93	11	6Z	1	11, 63	Bogr	13.78			
					Arfr	3.03			
					Feoc	.10			
					Cake	1.42			
					Chle	.08			
					Shy	1.34			
					Prop	.26			
					Plpa	.12			
					Agsm	3.15			
8-2-93	11	Un 6Z	1	9, 39	Agsm	12.75			
					Bogr	.34			
					Arlo	7.84			
					Arfr	6.96			
					Spec	.16			
								Util	
								↓	
8-2-93	1	Un 6Z	1	5, 39	Arlo	17.55			
					Agsm	10.99			
					Spec	.19			
					Arfr	3.91			
					Cake	.44			
					Bogr	1.84			
8-2-93	11	6Z	4	36, 18	Buda	20.56			
					Cake	.62			
					Prop	.74			
					Agsm	.60			
					Astr	.75			
					Spec	.03			
					Tapa	.48			
8-2-93	11	Un 6Z	2	23, 29	Bogr	5.37			
					Buda	1.25			
					Cake	3.97			
					Agsm	2.03			
					Astr	.62			
					Spec	.55			

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Sample Date	Loc	Trmt	Plot	Coord.	Spec.	Wt	Util		
8-2-93	11	GZ	2	16,52	Bogr Buda Agsm Kssp Coke Lichen	3.36 0.44 0.82 0.68 1.83 0.42			
8-2-93	11	Un GZ	4	60,8	Agsm Bogr Speco	24.26 3.56 0.13			
8-4-93	7C	Un GZ	4	21,09	Bogr Speco China Gaco Specr	5.40 0.83 0.11 0.14 0.07	Util. ↓		
8-2-93	11	Un GZ	2	27,29	Bogr Agsm Coke	1.72 2.86 2.01	Util ↓	Disturbed 35% Barren ↓	
8-2-93	11	Un	2	82,40	Agsm Bogr Coke Eugl	2.57 9.42 3.92 0.98			

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DATE	Location	TREATMENT	PLOT	Coord	Species	Wt			
8-2-93	11	U/G	3	40,20	OPPO	4.38			NPP
8-5-93	19	U/G	4	46,77	OPPO	4.30			NPP
8-2-93	11	U/U	2	82,40	OPPO	24.46			NPP
8-3-93	5A	G/G	2	35,19	OPPO	3.45			NPP
8-3-93	5B	G/U	4	32,40	"	10.64			NPP
8-3-93	5A	G/G	1	38,01	"	9.93			UTIL
8-5-93	19	G/U	4	32,40	"	11.74			NPP
8-4-93	19	G/G	2	52,17	"	12.23			UTIL
8-5-93	24	G/G	3	39,22	"	7.81			NPP
8-5-93	19	U/G	2	19,16	"	2.92			UTIL
8-5-93	19	U/U	2	8,30	"	1.95			NPP
8-4-93	7	U/U	2	40,82	"	0.43			NPP
8-5-93	24	G/U	2	18,08	"	0.26			NPP
8-4-93	7	G/U	1	24,32	"	4.02			NPP
8-4-93	7	U/G	2	12,50	"	1.88			NPP
8-5-93	24	G/G	2	35,43	"	4.17			NPP
8-5-93	24	G/G	1	29,12	"	2.50			NPP
8-4-93	5A	G/U	3	14,09	"	6.48			NPP
8-2-93	11	G/G	2	20,52	"	1.68			UTIL
8-3-93	5B	G/G	2	15,30	"	0.69			NPP
8-4-93		G/U	4	32,40	"	0.15			NPP
8-4-93	7C	G/U	3	14,09	"	1.97			NPP
8-4-93	5A	G/U	1	24,32	"	2.17			NPP
8-4-93	7	U/G	3	18,26	"	2.47			UTIL
8-3-93	5A	G/G	1	34,1	"	1.86			NPP
8-4-93	19	G/G	4	93,08	"	0.55			UTIL

