

OPPO = cactus → set aside

LTER GZTX 1998 NPP

• 2 dec places - gr.  
• trace .05

Page 1 of 33

98gz npp.wbi

	1 DATE	2 LOC	3 Trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt. (g)	9 Util	Notes
1	081298	24	UG	4	15	38	Bogr	4.62		
2							Tapa	0.09		
3							Spcr	1.75		
4							Arfr	19.91		
5							Cahe	1.78		
6							Scpa	0.50		
7							Agsm	18.99		
8	081298	24	UG	4	15	34	Buda	9.12	util	
9							Cahe	2.40	util	
10							Arfr	13.36	util	
11							Spcr	0.07	util	
12							Agsm	1.92	util	
13							Spcr	0.08	util	
14							Bogr	3.73	util	
15	081298	24	UG	1	27	10	Bogr	9.22	util	
16							Cahe	2.19	util	
17							Arfr	4.59	util	
18							Arlo	2.59	util	
19							Spcr	0.12	util	
20							Agsm	0.46	util	
21	081298	24	UG	1	27	14	Arfr	2.56		
22							SiHy	6.61		
23							Cahe	6.70		
24							Bogr	10.57		
25							Erfl	9.80		
26							Arfr	24.06		
27	081298	24	UG	2	46	17	Bogr	6.30		
28							AGSM	5.00		
29							ARLO	3.25		
30							CAHE	0.13		
31							ARFR	24.34		

EFFICIENCY LINE® 22-206



LTER GZTX 1998 NPP

• 2 dec places - gr.  
• trace .05

page 2 of 33

	1 DATE	2 LOC	3 trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt. (g)	9 Util	Notes
1	081298	24	UG	3	40	32	Bogr	9.63	util	
2							ARFR	0.81	util	
3							SIHY	1.94	util	
4							AGSm	4.60	util	
5	081298	24	UG	2	47	13	ARFR	39.20	util	
6							Bogr	1.33	util	
7							AGSm SIHY	1.69	util	
8	081298	24	UG	3	40	36	BOGR	17.30		
9							BUDA	0.25		
10							CAHE	1.22		
11							ARLO	0.25		
12	081298	24	UU	2	33	36	AGSm	9.20		
13							BOGR	11.57		
14							ARLO	1.05		
15							CAHE	1.58		
16							GUSA	2.13		
17							SPCO	0.32		
18							SIHY	0.11		
19	081298	24	UU	4	10	16	BOGR	20.22		
20							ARLO	0.65		
21							PIOP	0.03		
22							ARFR	1.70		
23							BUDA	0.12		
24							SPCO	0.08		
25							SIHY	1.52		
26							CAHE	0.94		
27	081198	24	UU	21	27	31	BOGR	3.91		
28							SIHY AGSm	0.94		
29							THME	0.07		
30							SPCO	0.95		
31								0.76		BUDA? ✓ before grinding

LTER GZTX 1998 NPP

• 2 dec places - gr.

• trace .05

page 3 of 33

	1 Date	2 LOC	3 trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt.(g)	9 Util	Notes
1	081298	24	UU	3	22	03	BOGR	9.20		
2							CAHE	1.64		
3							SPCO	0.88		
4							ARLO	0.74		
5							STCO	0.09		
6							SIHY	2.61		
7							ARFR	6.07		
8	081298	24	GU	3	52	57	BOGR	9.71		
9							ARLO	18.41		
10							ARFR	6.96		
11							CAHE	0.03		
12							SPCO	1.83		
13							SIHY	1.04		
14							SPCR	1.02		
15	081298	24	GU	1	28	51	BOGR	12.57		
16							SIHY	6.92		
17							AGSM	1.21		
18							SPCO	0.08		
19							SPCR	0.22		
20	081298	24	GU	4	19	49	Buda	4.46		
21							SIHY	2.12		
22							Cahe	0.57		
23							Spco	0.46		
24							Pach	0.49		
25							Bogr	1.54		
26	081298	24	GU	2	29	30	Bogr	18.03		
27							Arlo	1.07		
28							Buda	0.24		
29							Spco	1.58		
30							SIHY	7.39		
31							Spgr Agsm	0.85		

LTER GZTX 1998 NPP  
 • 2 dec. places - gr.  
 • trace .05

page 4 of 33

	1 Date	2 LOC	3 Trt	4 Plot	5 X	6 Y	Spec.	8 wt.(g)	9 Util	Notes
1	08/29/98	24	GG	3	38	54	Buda	8.22	util	
2							Bogr	0.92	util	
3							Arfr	0.12	util	
4							Cahe	4.79	util	
5							Togr	0.25	util	
6							Spco	0.04	util	
7							UNGR	0.04	util	unknown grass
8							Pach	0.88	util	
9	08/29/98	24	GG	4	42	29	Buda	22.97	util	
10							Cahe	8.49	util	
11							Spco	0.12	util	
12							Bogr	2.54	util	
13							Arlo	5.65	util	
14	08/29/98	24	GG	4	42	33	Bogr	9.54		
15							Togr	0.10		
16							Cahe	5.42		
17							Spco	0.67		
18							Arlo	1.84		
19							SiHY	0.77		
20							Buda	3.51		
21							Pach	1.10		
22	08/29/98	24	GG	1	31	4	BOGR	17.75	util	
23							Arlo	18.65	util	
24							Buda	6.22	util	
25							Pach	0.67	util	
26							SiHY	2.08	util	
27							Cahe	1.16	util	
28							PiOP	0.84	util	
29							Spco	0.20	util	
30	08/29/98	24	GG	3	38	58	Buda	9.88		
31							Bogr	1.86		

LTER GZTX-1998 NPP  
 2 dec. ples - gpl.  
 trace .05

page 5 of 33

	1 Date	2 LOC	3 Trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt.(g)	9 Util	Notes
1							Cahe	0.65		
2							SpcO	0.01		
3							Pach	0.77		
4							Arlo	0.27		
5							ASOX	3.23		
6	081298	24	GG	1	31	8	Bogr	14.71		
7							Pach	0.07		
8							SIHY	1.70		
9							PloP	1.22		
10							Cahe	9.44		
11							Tapa	0.10		
12							Buda	2.44		
13	081298	24	GG	2	27	37	Bogr	15.33		
14							Pach	0.39		
15							Peal	0.51		
16							SpcO	0.75		
17							Cahe	3.65		
18							Arfr	1.18		
19							Buda	4.50		
20							ArLO	0.14		
21	081298	24	GG	2	27	33	Bogr	7.62	util	
22							SpcO	0.16	util	
23							SIHY	1.03	util	
24							Pach	0.30	util	
25							Cahe	2.83	util	
26							ArLO	0.75	util	
27	081798	5A	UU	2	56	12	Agsm	16.94		
28							SpcO	0.30		
29							ASOX SAIB	0.63		
30							Bogr	6.89		
31	081798	5A	UU	3	19	25	Bogr	22.47		



LTER GZTX 1998 NPP  
 .2 dec. places - gr.  
 . trace .05

page 6 of 33

	1 Date	2 LOC	3 Trt	4 Plot	5 X	6 Y	7 Spec	8 Wt.(g)	9 Util	Notes
1							SpcO	0.39		
2							Cahe	0.43		
3							Agsm	3.06		
4							Asox	0.25		
5	081798	5A	UU	1	62	28	Bogr	13.81		
6							Mata	3.18		
7							Cahe	3.30		
8							SpcO	0.40		
9							Atca	1.41		
10							Agsm	2.19		
11	081798	5A	UU	4	16	10	Bogr	15.64		
12							KOSC	0.05		
13							SpcO	1.82		
14							Cahe	0.11		
15							Sepa	5.38		
16	081798	5A	UU	1	28	51	Bogr	23.85		
17							Cela	5.84		
18							SIHY	4.90		
19							Pach	0.21		
20	081798	5A	GU	4	19	49	Bogr	26.00		
21							Cahe	0.12		
22							SpcO	0.97		
23							Cela	0.16		
24							Pach	1.48		
25	081798	5A	GU	3	52	57	BOGR	15.31		
26							Pach	0.50		Burnt
27							SpcO	0.49		
28							Buda	0.09		
29	081798	5A	GU	2	29	30	Bogr	20.98		
30							Agsm	5.31		
31							Asdx	0.05		trace .05

LTER GZTX 1998 NPP  
 · 2 dec. places- gr.  
 · trace .05

page 7 of 33

	1 Date	2 LOC	3 Tr+	4 Plot	5 x	6 y	7 Spec	8 Wt. (g)	9 Util	Notes
1							Pach	0.79		
2							Spc	0.70		
3	081498	5A	UG	2	25	26	Bogr	23.58		
4							Spc	0.89		
5							Cahe	6.51		
6	081498	5A	UG	4	41	14	Bogr	21.41		
7							Spc	0.05		
8							Agsm	1.32		
9	081498	5A	UG	1	24	21	Bogr	20.00		
10							Agsm	3.99		
11							Spc	0.75		
12							Asox	0.32		
13							Cahe	3.94		
14	081498	5A	UG	3	26	10	Bogr	15.41		
15							Agsm Sepa	1.19		
16							Buda	2.07		
17							Cahe	0.42		
18							Spc	0.95		
19	081498	5A	UG	4	41	10	Bogr	11.67	util	
20							Cela	0.33	util	
21							Cahe	6.04	util	
22							Agsm	3.55	util	
23							Buda	7.27	util	
24	081498	5A	UG	1	24	17	Bogr	19.71	util	
25							Cahe	2.98	util	
26							Pach	1.30	util	
27							Agsm	0.37	util	
28							Spc	0.58	util	
29	081498	5A	UG	2	25	22	Bogr	13.48	util	
30							Cela	4.08	util	
31							Cahe	1.55	util	

LTER GZTX NPP-1998  
 • 2 dec. places. - gr.  
 • trace .05

page 8 of 33

	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 Spec	8 Wt.(g)	9 Util	Notes
1							SpcO	0.08	util	
2							Agsm	0.53	util	
3	081498	5A	UG	3	26	6	Bogr	23.07	util	
4							SpcO	1.42	util	
5							Agsm	0.63	util	
6	081498	5A	GG	1	18	22	Bogr	14.88		
7							Cela	4.29		
8							Cahe	0.32		
9							Pach	0.51		
10	081498	5A	GG	4	55	32	Bogr	17.69		
11							Cahe	0.81		
12							Cela	0.04		
13							Pach	0.80		
14							SpcO	0.19		
15	081498	5A	GG	2	20	46	Bogr	15.70		
16							Pach	1.11		
17							Cahe	0.32		
18	081498	5A	GG	3	30	22	Bogr	13.76		
19							Cahe	5.48		
20							SpcO saib	0.21		
21	081498	5A	GG	2	20	42	Bogr	11.47	util	
22							SpcO	0.51	util	
23							Pach	1.88	util	
24							Cahe	2.13	util	
25	081798	5A	GG	1	18	18	Bogr	25.15	util	
26							Pach	2.49	util	
27							SpcO	0.21	util	
28							Cahe	0.99	util	
29	081498	5A	GG	3	30	18	Bogr	6.37	util	
30							SpcO	1.78	util	
31							Cahe	1.38	util	



LTER GLTX NPP-1998

.2 dec. places

. trace .05

page 9 of 33

	1 Date	2 Loc	3 trt	4 Plot	5 x	6 y	7 Spec	8 Wt.(g)	9 Util	Notes
1	081798	5A	GG	4	55	28	BOGR	16.84	util	
2							CAHE	2.27	util	
3							SPCO	0.70	util	
4	081498	5A	RU	2	5	13	Bogr	9.19		
5							Pach	3.12		
6							Cahe	0.23		
7							SpcO	0.14		
8	081498	5A	RU	3	27	29	BOGR	26.45		
9							SIHY	3.13		
10							PACH	0.21		
11							CAHE	0.34		
12							SPCO	0.31		
13	081498	5A	RU	1	8	27	Bogr	13.81		
14							Cahe	0.99		
15							SpcO	0.27		
16							Pach	1.65		
17	081498	5A	RU	4	1	1	BOGR	16.85		
18							ATCA	2.46		
19							CAHE	4.53		
20							PACH	1.11		
21							SPCO	0.85		
22							GRACO Chenopodium	0.24		too small to tell species
23	081394	5B	RU	4	1	1	Bogr	33.36		
24							Oeal	1.40		
25							Agsm	1.18		
26							Arfr	3.73		
27							Lede	0.11		
28							Saib	0.80		
29							Buda	0.24		
30							Vber	4.42		
31							Pach	0.13		

LTER GZTX NPP 1998

.2 dec. places

.trace .05

page 10 of 33

	1 Date	2 Loc	3 Trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt.(g)	9 Util	Notes
1	081398	5B	RU	3	27	24	Bogr	10.93		
2							Arfr	11.51		
3							Buda	5.79		
4							SpcO	0.72		
5							Cahe	0.87		
6							Pach	0.26		
7	081398	5B	RU	1	8	28	BOGR	8.92		
8							ARFR	0.66		
9							ATCA	0.10		
10							CAHE	0.59		
11							ASOX	0.11		
12							AGSM	13.95		
13							SPCR	0.43		
14							SPCO	0.26		
15	081398	5B	RU	2	5	13	Agsm	14.75		
16							Pach	0.15		
17							Arfr	0.59		
18							SpcO	2.58		
19							Atca	7.86		
20							Bogr	2.08		
21	081298	7	RU	4	1	1	BOGR	20.16		
22							CELA	0.54		Winter Fat
23							SIHY	1.64		
24							SIAB	0.27		
25							BUDA	0.38		
26							CAHE	0.37		
27							SPCO	0.50		
28							ARLO	3.88		
29							EREF	25.61		
30							STCO	8.99		
31										

(plots 1, 3 of loc 7 on pg 12)

Trace .05

EFFICIENCY LINE® 22-206

[illegible]

	1 Date	2 Loc	3 Trt	4 Plot	5 X	6 Y	7 Spec	8 wt(g)	9 Utl	Notes
1							Ag sm	13.87		
2							Bogr	9.00		
3										
4	081498	5A	RU	1	8	27	Cahe	0.98		
5							spco	0.28		
6							Pach	1.63		
7							Bogr	13.95		
8										
9	081498	5A	RU	2	5	13	Pach	3.09		
10							Cahe	0.22		
11							spco	0.14		
12							Bogr	9.19		
13										
14	081498	5A	RU	3	27	29	Pach	0.21		
15							Cahe	0.32		
16							spco	0.31		
17							Si hy	3.13		
18							Bogr	26.42		
19										
20	081498	5A	RU	4	1	1	Pach	1.11		
21							spco	0.85		
22							GACO	0.25		+ Chenopodium sp (small)
23							Cahe	4.47		
24							Atca	2.38		
25							Bogr	16.90		
26										
27	081298	7	RU	1	8	28	spcr	0.15		
28							Thme	1.56		
29							Arlo	0.36		
30							Spco	0.25		
31							Chle	0.07		

	1 Date	2 Loc	3 Trt	4 Plot	5 X	6 Y	7 Spec.	8 Wt(g)	9 Util	Notes
1							Thtr	1.27		
2							Bogr	9.49		
3							Stco	12.37		
4										
5	081298	7	RU	3	27	24	Peal	0.11		
6							Stco	1.68		
7							Agsm	1.29		
8							Arlo	0.06		
9							Spco	0.35		
10							Eugl	0.27		
11							Thme	0.40		
12							Si'hy	1.32		
13							Bogr	19.91		
14										
15	081298	19	RU	2	5	13	Cahe	0.92		
16							Stco	6.21		
17							Bogr	12.84		
18										
19	081298	7	UU	1	39	55	Si'hy	3.54		envelopes said loc 199
20							Spco	1.15		
21							Bogr	2.11		
22							Cahe	0.01		
23							Buda	9.54		
24										
25	081298	7	UU	2	24	5	Si'hy	3.18		
26							Cahe	0.28		
27							Spco	0.46		
28							Bogr	14.27		
29										
30	081398	7	UU	3	33	8	Cahe	4.67		
31							Si'hy	1.43		



	1 Date	2 Loc	3 Trt	4 Plot	5 X	6 Y	7 Spec.	8 wt(g)	9 Util	Notes
1							Buda	0.21		
2							Saib	0.05		trace
3							Grsq	0.06		
4							SpcO	0.19		
5							Bogr	18.31		
6										
7	081298	7	UU	4	12	22	SpcO	2.67		
8							SiHy	1.74		
9							Cahe	2.32		
10							Bogr	10.10		
11										
12	081398	7C	GU	3	52	57	Bogr	6.60		
13							Stco	10.27		
14							Spcr	6.18		
15							Eugl	0.09		
16							Pach	1.13		
17							SiHy	0.18		
18							Eref	2.33		
19										
20	081398	7C	GU	1	28	51	Bogr	11.86		
21							SpcO	0.11		
22							Stco	0.66		
23							thfi	4.46		
24							Arlo	1.66		
25										
26	081398	7C	GU	2	29	30	BOGR	17.36		
27							CAHE	0.69		
28							EVGL	0.16		
29							GACO	0.92		
30							SPCR	0.08		
31							SPCO	2.56		

LTER GZTX NPP 1998

.2 dec places - g.

.trace .05

pg. 15 of 33

	1 Date	2 LOC	3 Trt	4 Plot	5 x	6 y	7 Spec.	8 Wt (g)	9 Util	Notes
1	081398	7	GU	4	19	49	Bogr	11.40		
2							Stco	7.09		
3							SPCO	0.17		
4							Cahe	0.03		
5	081398	7C	UG	1	37	23	BOGR	13.47		
6							SPCO	0.34		
7							SIHY	1.34		
8							ARLO	0.68		
9							CAHE	2.09		
10	081398	7C	UG	3	26	47	Bogr	15.46	util	1/4 frame
11							Sper	1.07	util	covered
12							SPCO	0.43	util	by low
13	081398	7C	UG	4	30	56	BOGR	13.23	util	Pie.
14							STCO	0.88	util	
15							SPCO	6.77	util	
16							AGSM	0.92	util	
17							CELA	0.05	util	
18							SPCR	1.16	util	
19							SCPA	0.42	util	
20	081398	7C	UG	1	37	19	Bogr	3.97	util	
21							Cahe	3.85	util	
22							SPCO	0.11	util	
23							Arlo	1.29	util	
24							Pach	0.47	util	
25	081398	7C	UG	4	30	60	BOGR	19.60		
26							STCO	2.05		
27							AGSM	0.44		
28							SIHY	0.59		
29							SAIB	0.06		
30	081398	7	UG	2	11	38	Bogr	20.78		
31							Agsm	1.85		

LTER GZTX NPP 1998

2 dec. places - gl.

trace .05

pg. 16 of 33

	1 Date	2 LOC	3 trt	4 Plot	5 x	6 y	7 Spec.	8 Wt (g)	9 Util	Notes
1							Sper	0.23		
2							Cahe	0.22		
3							Stco	16.07		
4							Arlo	3.14		
5							Spcd	0.10		
6	081398	7	UG	.3	26	51	BOGR	17.24	Cow P	Cow Pie in Plot
7							SIHY	2.10		
8							SPCD	0.17		
9							SPCR	1.18		
10							AGSM	2.19		
11	081398	7C	UG	2	11	34	Bogr	13.94	Util	Some Cow scat in Plot
12							Spcd	0.07	Util	
13							Sper	0.30	Util	
14	081398	7C	GG	4	47	56	BOGR	26.46		Cow pie in 12% of frame
15							SIHY	0.73		
16							SPCA	0.26		
17							STCO	0.37		
18							SPCO	0.36		
19							EREF	0.38		
20							ARLO	7.64		
21	081398		GG	2	42	22	Bogr	29.30	Loc	Location Not marked
22						26	Buda	1.72		
23						26	Sper	0.05		
24						26	Spcd	0.22		
25						22	Stco	1.77		
26	081398	7C	GG	3	25	31	BOGR	13.14	Util	
27							STCO	2.93	Util	
28							ARLO	0.66	Util	
29	081398	7	GG	1	26	19	Bogr	14.47		
30							SIHY	3.00		
31							Gaco	0.14		

LTER GZTX NPP 1998

2 dec. places - gr.

Trace .05

pg 17 of 33

	1 Date	2 LOC	3 trt	4 Plot	5 X	6 y	7 Spec	8 Wt (g)	9 Util	Notes
1							Sper	3.64		
2							Stco	2.24		
3							SpcO	0.21		
4							Oeal	5.88		
5							Scpa	1.44		
6							Arlo	19.05		
7	081398	7	GG	1	26	15	BOGR	8.29	util	
8							ARFR	1.55	util	
9							CAHE	0.24	util	
10							ARLO	0.75	util	
11							PACH	1.40	util	
12	081398	7	GG	2	42	22	Bogr	25.03	util	
13							Arlo	2.49	util	
14							SpcO	0.09	util	
15	081398	7C	GG	4	47	52	BOGR	10.68	util	
16							STCO	2.15	util	
17							PACH	0.67	util	
18							SPCO	0.04	util	
19							CAHE	0.41	util	
20	081398	7	GG	3	25	35	Bogr	8.04		
21							Cahe	6.77		
22							SIHy	0.27		
23							Sper	1.12		
24										
25	081398	5B	GU	1	28	51	Thtr	0.15		
26							SpcO	1.85		
27							Piop	0.36		
28							Bogr	20.19		
29	081398	5B	GU	2	29	30	SpcO	0.48		
30							LYJU	0.66		
31							Piop	3.73		

	1 Date	2 Loc	3 frt	4 Plot	5 X	6 Y	7 Spec	8 wt(g)	9 util	Notes
1							Agsm	0.97		
2							Gaco	4.30		
3							Pach	0.05		
4							Bogr	22.29		
5	081398	5B	GU	3	52	57	Buda	0.36		
6							Asox	1.73		
7							Cahe	0.00		
8							spco	0.12		
9							Bogr	12.46		
10	081398	5B	GU	4	19	49	Pach	7.50		
11							Bogr	16.99		
12	081398	5B	UU	1	15	12	spco	0.24		
13							Piop	0.66		
14							Cahe	0.08		
15							Agsm	7.57		
16							Bogr	10.40		
17	081398	5B	UU	2	25	18	?	0.22		no name on env.
18							Arfr	3.62		
19							Cahe	1.04		
20							Agsm	3.02		
21							Bogr	11.32		
22	081398	5B	UU	3	50	29	spco	1.08		
23							Cahe	1.51		
24							Agsm	0.33		
25							Bogr	11.31		
26	081398	5B	UU	4	47	28	Piop	0.07		
27							spco	0.21		
28							Cahe	0.14		
29							Muto	0.48		
30							Arfr	10.24		
31							Bogr	11.79		



	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 Spec.	8 wt(g)	9 Util	Notes
1	08/4/98	5B	UG	1	3	21	Cahe	1.72		1% cow pie cover
2							Agsm	6.41		
3							Arfr	6.90		
4							Bogr	17.90		
5	08/4/98	5B	UG	1	3	17	Arfr	1.17	Util	Anthrill + cow pie on plot
6							Agsm	1.50	Util	
7							Bogr	13.10	Util	
8	08/4/98	5B	UG	2	29	28	Cahe	0.27		2 bags for loc 5B p 2, neither marked "Util"
9							spco	0.42		
10							Agsm	1.61		
11							Arfr	3.46		
12							Bogr	17.63		
13	08/4/98	5B	UG	2	29	24	spco	0.33		
14							Pach	0.15		
15							Mato	0.49		
16							Arfr	4.19		
17							Bogr	8.91		
18	08/4/98	5B	UG	3	43	33	Cahe	2.82	Util	
19							Arfr	2.02	Util	
20							spco	0.84	Util	
21							Agsm	4.04	Util	
22							Bogr	13.50	Util	
23	08/4/98	5B	UG	3	43	37	Cahe	5.00		
24							spco	1.00		
25							Arfr	5.07		
26							Bogr	23.53		
27	08/4/98	5B	UG	4	54	10	Lede/Arfr	0.11	Util	env. had both in it
28							Agsm	1.20	Util	
29							spco	0.11	Util	
30							Boda	0.24	Util	
31										

LTER G2TX NPP 1998

pg 20 of 33

[illegible]

	1 Date	2 Loc	3 trt	4 plot	5 X	6 Y	7 Spec	8 wt(g)	9 Uhl	Notes
1	081398	5B	GG	1	26	32	Cake	0.34		
2							Bogr	13.41		
3	081398	5B	GG	2	21	23	Arfr	0.05		
4							Pach	0.12		
5							Agsm	0.53		
6							Buda	4.33		
7							cake	1.16		
8							Bogr	3.07		
9	081498	5B	GG	3	34	10	Agsm	1.37		
10							spco	1.27		
11							Cake	1.55		
12							Bogr	18.62		
13	081398	5B	GG	4	41	19	Agsm	0.09		
14							Pach	0.46		
15							Cake	0.79		
16							Buda	1.87		
17							Bogr	8.63		
18	081898	11	UG	1	35	17	Cake	2.85	Uhl	
19							Arfr	0.28	Uhl	
20							spco	0.09	Uhl	
21							Agsm	3.65	Uhl	
22							Asox	6.08	Uhl	
23							Buda	4.08	Uhl	
24							Bogr	4.20	Uhl	
25	081898	11	UG	2	44	16	Cake	3.58	Uhl	
26							Asox	1.52	Uhl	
27							spco	0.05	Uhl	
28							Arfr	1.06	Uhl	
29							tapa	0.12	Uhl	
30							Bogr	3.51	Uhl	
31										

	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 spec	8 wt(g)	9 Utl	Notes
1	081898	11	UG	3	21	25	Arfr	7.22	Utl	
2							Arlo	1.26	Utl	
3							Cahe	5.03	Utl	
4							Spco	0.61	Utl	
5							Bogr	1.17	Utl	
6	081898	11	UG	4	62	22	Spco	0.28	Utl	
7							Buda	0.80	Utl	
8							Agsm Asox	1.92	Utl	
9							Arfr	25.59	Utl	
10							Bogr	7.32	Utl	
11	081798	11	UU	1	27	31	Spco	1.21		
12							Agsm	2.52		
13							Cahe	5.10		
14							Bogr	0.87		
15							Asox	0.09		
16							Arfr	16.88		
17	081798	11	UU	2	33	36	Bogr	3.51		
18							Spco	0.06		
19							Cahe	3.81		
20							Arfr	8.77		
21							Agsm	7.17		
22	081798	11	UU	3	22	3	Buda	1.44		
23							Agsm	2.72		
24							Cahe	6.60		
25							Bogr	9.98		
26	081798	11	UU	4	10	16	Oeco	0.92		
27							Spco	0.39		
28							Bogr	3.51		
29							Arfr	2.45		
30							Buda	0.53		
31							Asox	1.69		

LTER G2TX NPP 1998

pg 23 of 33

	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 spec	8 wt(g)	9 Util	Notes
1							Piop	0.26		
2							Agsm	23.20		
3	081798	11	GG	1	15	21	Arlo	6.40		
4							Tapa	0.05		trace
5							Arfr	2.15		
6							Buda	0.26		
7							Pach	0.06		
8							Cahe	0.56		
9							Asox	0.26		
10							Bogr	13.05		
11							Agsm	6.36		
12	081798	11	GG	2	20	44	Buda	0.57		
13							Spcu	1.08		
14							Cahe	0.79		
15							Bogr	6.43		
16							Arlo	5.56		
17	081798	11	GG	3	34	53	Arfr	0.07		
18							Pach	0.74		
19							Buda	0.20		
20							Asox	0.15		
21							Bogr	2.39		
22	081798	11	GG	4	30	36	Asox	1.07		
23							Spcu	0.11		
24							Tapa	0.07		
25							Bogr	0.52		
26							Cahe	1.20		
27							Buda	14.21		
28	081798	11	GG	1	15	25	Arlo	0.08	Util	
29							Cahe	0.31	Util	
30							Asox	4.11	Util	
31							Tapa	0.60	Util	



	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 Spec	8 wt(g)	9 Util	Notes
1							Pach	0.52	Util	
2							Bogr	1.48	Util	
3							Buda	16.42	Util	
4	081798	11	GG	2	20	48	SpcO	0.25	Util	
5							Bogr	1.26	Util	
6							Cahe	0.95	Util	
7							Pach	0.56	Util	
8	081798	11	GG	3	34	57	Tapa	0.06	Util	
9							Buda	0.22	Util	
10							Cahe	1.20	Util	
11							Bogr	6.58	Util	
12	081798	11	GG	4	30	40	Buda	0.73	Util	
13							Bogr	3.85	Util	
14							Pach	2.82	Util	
15							Asox	1.26	Util	
16	081798	11	UG	1	35	13	Bogr	3.99		
17							Arfr	6.72		
18							Buda	0.03		
19							Cahe	4.91		
20							Asox	0.72		
21							Agsm	3.55		
22							Deal	0.25		
23	081798	11	UG	4	62	18	Bogr	17.56		
24							AGSM	3.34		
25							ARFR	15.79		
26							ATCA	8.11		
27	081798	11	UG	3	21	21	Bogr	14.55		
28							Agsm	9.61		
29							Arfr	8.35		
30							Buda	1.94		
31							Tappa	0.19		

	1 Date	2 Loc	3 trt	4 Plot	5 x	6 y	7 Spec.	8 Wt(g)	9 Util	Notes
1							SpcO	0.13		
2							Cahe	2.41		
3	081798	11	UG	2	44	12	CAHE	16.95		
4							Arfr	9.40		
5							BOGR	0.52		
6							AGSM	3.43		
7							ASOX	0.64		
8	081798	11	GU	1	15	12	Bogr	21.24		
9							Agsm	4.34		
10							Arfr	3.68		
11							SpcO	0.44		
12							oeal	1.47		
13							Cahe	4.83		
14	081798	11	GU	2	25	18	BOGR	8.99		
15							THME	16.17		
16							ASOX	0.57		
17							OEAL	2.98		
18							CAHE	7.45		
19							SPCO	0.19		
20							SAIB	0.21		
21							BUDA	1.50		
22	081898	11	GU	4	47	28	Bogr	19.96		
23							ASOX	0.48		
24							Cahe	0.74		
25							Agsm	0.95		
26							SpcO	0.13		
27							Arfr	1.49		
28							C.Vilosa	0.85		
29							Tapa	0.47		
30	081898	11	GU	3	50	29	BOGR	15.12		
31							TAPA	0.05		

	1 Date	2 LOC	3 trt	4 Plot	5 x	6 y	7 Spec	8 Wt(g)	9 Util	Notes
1							C.Villosa	0.29		
2							ASOX	0.94		
3							Cahe	2.26		
4	081898	19	GG	2	35	29	BOGR	32.33		
5							SpcO	2.81		
6							AGSM	4.53		
7							SPCR	1.47		
8							C.Villosa	1.07		
9	081898	19	GG	4	13	47	BOGR	17.30		
10							SpcO	0.22		
11							SPCR	0.89		
12							SIHY	0.87		
13	081898	19	GG	1	46	13	Cahe	14.92		
14							Pach	0.64		
15							Bogr	4.35		
16							SpcO	0.67		
17	081898	19	GG	3	25	38	BOGR	16.35		
18							SIHY	10.24		
19							SPCR	5.24		
20							SpcO	2.00		
21	081898	19	UG	2	17	43	BOGR	26.82		
22							Pach	0.06		
23							SIHY	1.04		
24							SpcO	1.09		
25	081898	19	UG	1	10	58	ARCA	5.61		
26							PACH	0.15		
27							SpcO	0.68		
28							SIHY	0.32		
29							STCO	12.17		
30							BOGR	16.70		
31	081898	19	UG	3	34	52	STCO	31.64		

	1 Date	2 Loc	3 trt	4 Plot	5 x	6 y	7 Spec	8 Wt(g)	9 Util	Notes
1							Cahe	0.58		
2							Bogr	0.09		
3	081898	19	UG	4	10	9	STCO	11.83		
4							SPCO	0.26		
5							CAHE	5.00		
6							BOGR	9.37		
7	081898	19	UG	1	10	62	Arca	11.38	util	
8							Cahe	0.13	util	
9							Pach	0.74	util	
10							SpcO	0.05	util	
11							Bogr	7.50	util	
12							Stco	10.21	util	
13	081898	19	UG	2	17	47	BOGR	10.90	util	
14							SIHY	1.29	util	
15							STCO	7.16	util	
16							PACH	0.10	util	
17							SPCO	0.74	util	
18	081898	19	UG	3	34	56	Stco	45.62	util	
19							Bogr	0.84	util	
20	081898	19	UG	4	10	13	STCO	29.30	util	
21							BOGR	7.67	util	
22	081898	19	GG	1	46	17	Bogr	10.49	util	
23	081898	19	GG	1	46	17	Cahe	0.60	util	
24							SpcO	0.32	util	
25							SIHY	0.64	util	
26							Spcr	6.72	util	
27	081898	19	GG	2	35	33	BOGR	12.33	util	
28							CAHE	0.21	util	
29							SPCR	2.45	util	
30							SPCO	0.69	util	
31							AGSM	6.95	util	

	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 Spec	8 Wt(g)	9 Util	Notes
1	081898	19	CG	3	25	42	Mata	2.08	util	
2							Scpa	0.38	util	
3							SiHY	0.15	util	
4							BOGR	12.05	util	
5	081898	19	GG	4	13	15	Bogr	14.17	util	
6							Scpa	0.42	util	
7							SiHY	0.23	util	
8							Aqsm	0.15	util	
9							Spco	0.29	util	
10							Spcr	0.53	util	
11	081898	19	UU	1	8	32	STCO	18.74		
12							BOGR	6.43		
13							BUDA	0.85		
14	081898	19	UU	2	11	30	Stco	10.91		
15							Bogr	7.28		
16							cael	0.44		
17							Spco	0.17		
18	081898	19	UU	3	14	37	STCO	16.02		
19							BOGR	5.31		
20							CLSE	2.47		
21							SAIB	20.90		
22							SPCO	0.78		
23	081898	19	UU	4	12	49	Stco	28.37		
24							Spcr	8.98		
25							Aqsm	2.06		
26							Bogr	0.56		
27							Spco	0.09		
28							cael	0.47		
29	081898	19	UU	1	28	51	STCO	23.05		
30							PLPA	0.14		
31							BOGR	2.14		



	1 Date	2 Loc	3 trt	4 Plot	5 X	6 Y	7 Spec	8 Wt(g)	9 Util	Notes
1							PACH	0.28		
2							SPCR	1.49		
3							LYJU	0.24		
4	081898	19	GU	2	29	30	Bogr	11.41		
5							Spcr	4.73		
6							Sihy	2.19		
7							Atca	1.54		
8							Pach	0.51		
9							Spcr	0.34		
10	081898	19	GU	3	52	57	STCO	9.28		
11							BGR	2.01		
12							SPCR	0.95		
13	081898	19	GU	4	19	49	Bogr	13.09		
14							STCO	11.97		
15							Spcr	1.24		
16							Sihy	1.11		
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

LTER GZTX NPP 1998

• weighed in grams to 2 dec. places  
• trace = .05gr.

	<sup>1</sup> DATE	<sup>2</sup> LOC	<sup>3</sup> TRT	<sup>4</sup> PLOT	<sup>5</sup> X	<sup>6</sup> Y	<sup>7</sup> SPEC	<sup>8</sup> WT(g)	<sup>9</sup> UTIL	NOTES
1	81398	5B	GU	4	19	49	OPPO	1.48		
2										
3	81798	11	GG	3	34	53	OPPO	0.65		
4										
5	81798	11	UU	1	27	31	OPPO	0.52		
6										
7	81798	11	GG	1	15	21	OPPO	0.40		
8										
9	81398	5B	GG	2	21	23	OPPO	0.61		
10										
11	81398		GG	2	42	26	OPPO	1.10		
12										
13	81398	7	GU	1	28	51	OPPO	1.08		
14										
15	81298	7	RU	1	8	28	OPPO	0.62		
16										
17	81498	5A	RU	1	8	27	OPPO	0.06		
18										
19	81498	5A	RU	3	27	29	OPPO	0.11		
20										
21	81798	5A	GU	2	29	30	OPPO	2.69		
22										
23	81798	11	GG	4	30	40	OPPO	2.88	UTIL	
24										
25	81798	11	UG	3	21	21	OPPO	0.09		
26										
27	81298		GG	2	27	37	OPPO	0.45		
28										
29	81798	11	GG	3	34	57	OPPO	0.29	UTIL	
30										
31	81498	5A	GG	3	30	22	OPPO	0.12		

LTER GZTX NPP 1998

	<sup>1</sup> DATE	<sup>2</sup> LOC	<sup>3</sup> TRT	<sup>4</sup> PLOT	<sup>5</sup> X	<sup>6</sup> Y	<sup>7</sup> SPEC	<sup>8</sup> WT(g)	<sup>9</sup> UTIL	NOTES
1	81498	5A	UG	1	24	21	OPPO	2.58		
2										
3	81298	24	GG	3	38	54	OPPO	0.20	UTIL	
4										
5	81298	24	UG	2	47	13	OPPO	1.29	UTIL	
6										
7	81298	24	GG	3	38	58	OPPO	0.13		
8										
9	81398	5B	RU	1	8	28	OPPO	1.94		
10										
11	81298	7	UU	2	24	5	OPPO	23.84		
12										
13	81398		GG	2	42	22	OPPO	3.11	UTIL	
14										
15	81298		GG	2	27	33	OPPO	0.37	UTIL	
16										
17	81398	7	GG	3	25	31	OPPO	1.80	UTIL	
18										
19	81798	5A	GG	4	55	28	OPPO	0.58	UTIL	
20										
21	81298	24	UU	1	27	31	OPPO	9.94		
22										
23	81398	7	GG	3	25	35	OPPO	5.15		
24										
25	81798	5A	GU	4	19	49	OPPO	3.52		
26										
27	81398	7	UG	1	37	19	OPPO	0.50	UTIL	
28										
29	81298	24	GG	4	42	29	OPPO	1.60	UTIL	
30										
31	81298	24	GU	4	19	49	OPPO	2.35		

LTER GZTX NPP 1998

	<sup>1</sup> DATE	<sup>2</sup> LOC	<sup>3</sup> TRT	<sup>4</sup> PLOT	<sup>5</sup> X	<sup>6</sup> Y	<sup>3</sup> SPEC	<sup>8</sup> WT(g)	<sup>9</sup> UTIL	NOTES
1	81298	24	UG	3	40	32	OPPO	9.37	UTIL	
2										
3	81298	7	UU	4	12	22	OPPO	1.30		
4										
5	81898		GU	3	50	29	OPPO	13.50		
6										
7	81298	24	GG	1	31	8	OPPO	7.34		
8										
9	81298	7	UU	1	39	55	OPPO	12.16		
10										
11	81398	7	GU	2	29	30	OPPO	15.42		
12										
13	81498	5B	UG	4	54	14	OPPO	2.39		
14										
15	81398	5B	GU	3	52	57	OPPO	1.68		
16										
17	81498	5B	GG	4	41	15	OPPO	8.38	UTIL	
18										
19	81898	19	GU	1	28	51	OPPO	15.92		
20										
21	81298	24	GU	3	52	57	OPPO	16.07		
22										
23	81298		UU	2	33	36	OPPO	9.26		
24										
25	81798	11	GU	2	25	18	OPPO	10.06		
26										
27	81798	11	GU	1	15	12	OPPO	0.91		
28										
29	81298	24	UG	3	40	36	OPPO	12.71		
30										
31	81898	19	GG	1	46	13	OPPO	8.29		

LTER GZTX NPP 1998

	<sup>1</sup> DATE	<sup>2</sup> LOC	<sup>3</sup> TRT	<sup>4</sup> PLOT	<sup>5</sup> X	<sup>6</sup> Y	<sup>7</sup> SPEC	<sup>8</sup> WT(g)	<sup>9</sup> UTIL	NOTES
1	81898	19	GG	3	25	42	OPPO	20.98	UTIL	
2										
3	81898	19	GU	3	52	57	OPPO	11.53		
4										
5	81898	19	UU	2	11	30	OPPO	1.64		
6										
7	81898	11	UU	3	14	37	OPPO	4.90		
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

