Tree Growth Data Sheet (DBH)

Date: 17/12/2019   Plot no: 7   Recorders: RE + BM   Treatment:

The diameter at breast height (DBH) of 20 tagged & GPS'd large trees marked with xx coloured tape and 20 trees from each across class sizes (2, 3/ 4) are to be measured and recorded these trees are also tagged and marked with red tape. The DBH of the tagged trees is measured at the nail holding the tag.
Recored actual DBH and DBH class.

*Need to convert DBH had lost DBH measure.

20 large								dbh(cm)	circ (cm)
Tree	Tree number	Large Tree (Y/N)	Class	✶ DBH	Dead (D) Alive (L)	GPS Marked		10	31
1 ✶ 583/ 201		y		1·30	L			20	63
2	202	y		1·23	L	Y		30	94
3	203	y		1·30	L			40	126
4	204	y DBH		1·385	L			50	157
5	205	y	1·78	1·337	L			60	188
6	206	y		1·33	L			70	220
7	(207)	y			L	1·305		80	251
8	208	y		1·62	L				
9	209	y		1·235	L			class 1	0-10 cm
10	210	y		1·345	L			class 2	10-20 cm
11	(211)	y		1·24	L			class 3	20-30
12	212	y		1·88	L			class 4	30-40
13	213	y		1·34	L			class 5	40-50
14	214	y		1·39	L			class 6	50-60
15	215	y		1·52	L			class 7	60-70
16	216	y		1·36	L			class 8	70-80
17	217	y		✶	L				
18	218	y		1·28	L				
19	219	y		1·13	L				
20	N/A	y							
21	421			0·91	L				
22	(422)			0·81	L				
23	423			0·84	L				
24	424			1·055	L				
25	425			0·835	L				
26	426			1·00	L				
27	427			0·94	L				
28	428			1·10	L				
29	429			0·785	L				
30	430			1·21	L				
31	431			1·13	L				
32	432			0·84	L				
33	433			0·815	L				
34	434			1·05	L				
35	435			1·06	L				
36	436			1·04	L				
37	437			1·05	L				
38	438			1·09	L				
39	439			0·98	L				
40	440			1·02	L				

✶ 583/201 retagged 2019

✶ 207 retagged as 584

✶ 211 retagged as 586

✶ 1·33 / 1·46 → check measurmt from 2012.
↓
above limb

△✶ — only 19 trees measured in 2012.

Still need to GPS

1·25 - 211 ?
check with previous measure.

CWD data sheet

Undertake a sweep of the 1 ha plot. One person using a paint spray to mark the the log/stump as counted, the other recording the measure. Only measure logs that are > 10 cm diameter measure the meter length and put into 3 categories: measure the meter length and put into 3 categories: Mobile phone calculator to add the total meters per category

Project Name:							BFR Thinning Trials			
Date:					17/12/19	Recorder:	TS			
Plot No:					7	Treatment:				
Log Length (m) <40cm						Stumps	Large Logs (m)> 40cm			
0.4	0.5	0.2	4.0	0.2	1.0	HH HHI HHI HHI	0.5 3.0	0.5 0.6	0.5 0.5	0.4
0.4	2.5	1.5	0.5	10	0.2	HHI HHI HH HHI	0.4	16.0	2.0	1.0
5.0	4.0	12.0	15	2.0	9.2	HHI HH HHI HHI	2.1	5.5	0.9	1.0
1.1	0.6	5.4	1.2	1.4	1.8	HHI HHI HHI HHI	10.0	6.0	2.0	0.5
3.3	4.7	0.4	3.4	0.6	6.2	HHI HHI HHI HHI	8.0	0.4		
0.6	33	2.6	1.3	2.5	.4	HHI HHI HHI HHI				
1.4	4.5	0.4	4.5	1.5	0.1	HHI HHI HHI HHI				
0.3	1.1	0.6	2.1	7.8	2.4	HHI HHI HHI HHI				
1.8	3.5	4.5	1.5	2.5	3.2	HHI HHI HHI HHI				
2.4	2.0	2.2	1.5	2.5	2.4	HHI HHI HHI HHI				
2.2	1.1	8.5	1.6	6.2	5.1	HHI HHI HHI I				
2.5	3.6	4.1	2.8	2.2	8.3	HHH HHI				
4.	1.1	1.9	2.	1.9	1.5	HHH HHH HHH				
10	15	8.5	3.5	1.8	2.5	HHH HHH				
1.2	1.0	1.5	1.0	1.5	1.1	HHH HHH HHH				
3.0	0.8	1.5	1.0	1.0	30	HHI HHI HHH				
30	40	30	2.8	2.0	15	HHH HHI HHI				
2.2	3	12	0.7	5	3.2	HHI HHI HHI				
13	2.2 2	7.2	4	1		HHI HHI HHI				
26	3.9	24	11.5	4.8	2.2	HHI 25				
3.5	6.8 20	12.1	3.9	3.6		HHI 6.9				
2.8	1.3	15	1.3	16.1	3.2	HHI HHI				
1.7	2.1	3.8	2.5			HHI HHI IIII				

Column totals											
Small Log Total =											
Large Log Totals =											
Jmp Totals x 0.5m											

Tree hollows data sheet

Plot No: 7   **Recorder:** Paul H.   **Date:** 17/12/2019

Hollows are measured in the tagged large 20 trees(used to measure DBH) plus 10 additional trees from class 3 marked with blue tape & tagged. Two people must observe the tree from four perpendicular angles (N,S,E,W). Record the number of hollows on each tree within each class size. Hollows must be cross checked with the two observers for presence and class size. Hollows must be 5cm deep to qualify as a hollow
NB: Throwing a golf ball (4cm) in front of the hollow will help give perspective on hollow class

Hollow class 1	5-10 cm
Hollow class 2	11-15 cm
Hollow class 3	>15 cm

Tree	Tree Tag #	Tree Class	Hollow class 1	Hollow class 2	Hollow class 3
1	201/583		o	o	o
2	202		o	o	o
3	203		o	o	o
4	204		o	o	o
5	205		o	o	o
6	206		o	o	o
7	207		o	o	o
8	208		o	o	o
9	209		o	o	o
10	210		o	o	o
11	211		o	o	o
12	212		o	o	o
13	213		o	o	o
14	214		o	o	o
15	215		o	o	o
16	216		o	o	o
17	217		o	o	o
18	218		o	o	o
19	219		o	o	o
20					
21	421		o	o	o
22	422		o	o	o
23	423		o	o	o
24	424		o	o	o
25	425		o	o	o
26	426		o	o	o
27	427		o	o	o
28	428		o	o	o
29	429		o	o	o
30	430		o o	o	o
31	431		o	o	o
32	432		o	o	o
33	433		o	o	o
34	434		1	o	o
35	435		o	o	o
36	436		o	o	o
37	437		o	o	o
38	438		o	o	o
39	439		o	o	o
40	440		o	o	o
		TOTAL			