

## Appendix 7: Blank Data Collection Forms

Section 1 - Basic stand information

Woodland: \_\_\_\_\_ Gross Area: \_\_\_\_\_ ha
Stand/Stratum: \_\_\_\_\_ Net area: \_\_\_\_\_ ha
Date measured: \_\_\_\_\_ Plot area: \_\_\_\_\_ ha
Measured by: \_\_\_\_\_ Total area of plots: \_\_\_\_\_ ha

Section 2 - Details of number of trees

Table with 12 columns and multiple rows for recording tree counts. Headers include 'Count of trees (use gate style, i.e. //)' and sub-headers for 'Species:' and 'Plot no:' repeated three times.

Table titled 'Total heights (cm)' with 8 columns numbered 1-8 and 4 rows for recording height data.

Number of heights measured \_\_\_\_\_

Sum of heights measured \_\_\_\_\_

Average height (total of heights ÷ number measured): \_\_\_\_\_ cm.





**Section 3 – Details of height and diameter sample trees**

*N.B. For conifer species record total height; for broadleaved species record timber height. Tariff number should be rounded to the nearest whole number, except where stated otherwise.*

No.	Species code	Dbh (cm)	Height (m)	Mid diameter (cm)	Volume (m)	Tariff no.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Total (by species group):


Mean tariff number:

(Rounded down)

**Section 1 - Basic stand information**

Woodland: \_\_\_\_\_ Total area of plots: \_\_\_\_\_ ha  
 Stand/Stratum: \_\_\_\_\_ Mean basal area: \_\_\_\_\_ m<sup>2</sup>  
 Species: \_\_\_\_\_ Mean dbh: \_\_\_\_\_ cm  
 (estimated from mean basal area)  
 Age: \_\_\_\_\_  
 Gross Area: \_\_\_\_\_ ha Date measured: \_\_\_\_\_  
 Net area: \_\_\_\_\_ ha Measured by: \_\_\_\_\_

**Section 2 - Details of number of trees and dbh's in plots**

Dbh (cm)	Count of trees (use gate style, <i>i.e.</i>  )												TOTAL	
	Plot number													
	1	2	3	4	5	6	7	8	9	10	11	12		
7														
8														
9														
0														
1														
2														
3														
4														
5														
6														
7														
8														
9														
0														
1														
2														
3														
4														
5														
6														
7														
8														
9														
0														
1														
2														
3														
4														
5														
6														
7														
8														
9														
TOTAL														

Section 3 - Details of height and diameter sample trees

No.	Species (code)	Dbh (cm)	Timber height (m)	Tariff number (round to nearest)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

**Total:**

**Mean tariff number:**

(Rounded down)

**Section 1 - Basic stand information**

Woodland: \_\_\_\_\_ Total area of plots: \_\_\_\_\_ ha  
 Stand/Stratum: \_\_\_\_\_ Mean basal area: \_\_\_\_\_ m<sup>2</sup>  
 Species: \_\_\_\_\_ Mean dbh: \_\_\_\_\_ cm  
 (estimated from mean basal area)  
 Age: \_\_\_\_\_  
 Gross Area: \_\_\_\_\_ ha Date measured: \_\_\_\_\_  
 Net area: \_\_\_\_\_ ha Measured by: \_\_\_\_\_

**Section 2 - Details of number of trees and dbh's in plots**

Dbh (cm)	Count of trees (use gate style, i.e. $\mathbb{N}$ )												TOTAL
	Plot number												
	1	2	3	4	5	6	7	8	9	10	11	12	
7													
8													
9													
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
TOTAL													



Section 3 - Details of height and diameter sample trees

No.	Species (code)	Dbh (cm)	Total height (m)	Tariff number (round to nearest)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

**Total:**

**Mean tariff number:**

(Rounded down)



**Section 1 – Basic Assessment Information**

Woodland: \_\_\_\_\_  
 Species: \_\_\_\_\_  
 Diameter sampling fraction: 1: \_\_\_\_\_  
 Height sampling fraction: 1: \_\_\_\_\_

Compartment(s): \_\_\_\_\_  
 Gross area (ha): \_\_\_\_\_  
 Net area (ha): \_\_\_\_\_

Date measured: \_\_\_\_\_

Measured by: \_\_\_\_\_

**Section 2 – Details of height and diameter sample trees**

*N.B. For conifer species record total height; for broadleaved species record timber height and total height. Tariff number should be rounded to the nearest whole number, except where stated otherwise.*

No.	Spp code	Dbh (cm)	H <sub>timb</sub> (m)	H <sub>total</sub> (m)	Tariff no.	No.	Spp code	Dbh (cm)	H <sub>timb</sub> (m)	H <sub>total</sub> (m)	Tariff no.
1						26					
2						27					
3						28					
4						29					
5						30					
6						31					
7						32					
8						33					
9						34					
10						35					
11						36					
12						37					
13						38					
14						39					
15						40					
16						41					
17						42					
18						43					
19						44					
20						45					
21						46					
22						47					
23						48					
24						49					
25						50					

Total (by species group): \_\_\_\_\_  
 Mean tariff number: \_\_\_\_\_  
 (Rounded down)

Total (by species group): \_\_\_\_\_  
 Mean tariff number: \_\_\_\_\_  
 (Rounded down)



Section 4 – Diameter distribution & calculation of mean basal area.

(1) Dbh	Species:				Species:			
	(2) tally	(3) n	(4) dbh <sup>2</sup>	(5) n×dbh <sup>2</sup>	(2) tally	(3) N	(4) dbh <sup>2</sup>	(5) n×dbh <sup>2</sup>
7								
8								
9								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
0								
Col. totals (Σ)								
Mean dbh <sup>2</sup> = Σ(5) ÷ Σ(3)								
Mean ba = n × mean dbh <sup>2</sup> ÷ 40000								
Mean dbh = sqrt(mean dbh <sup>2</sup> )								