

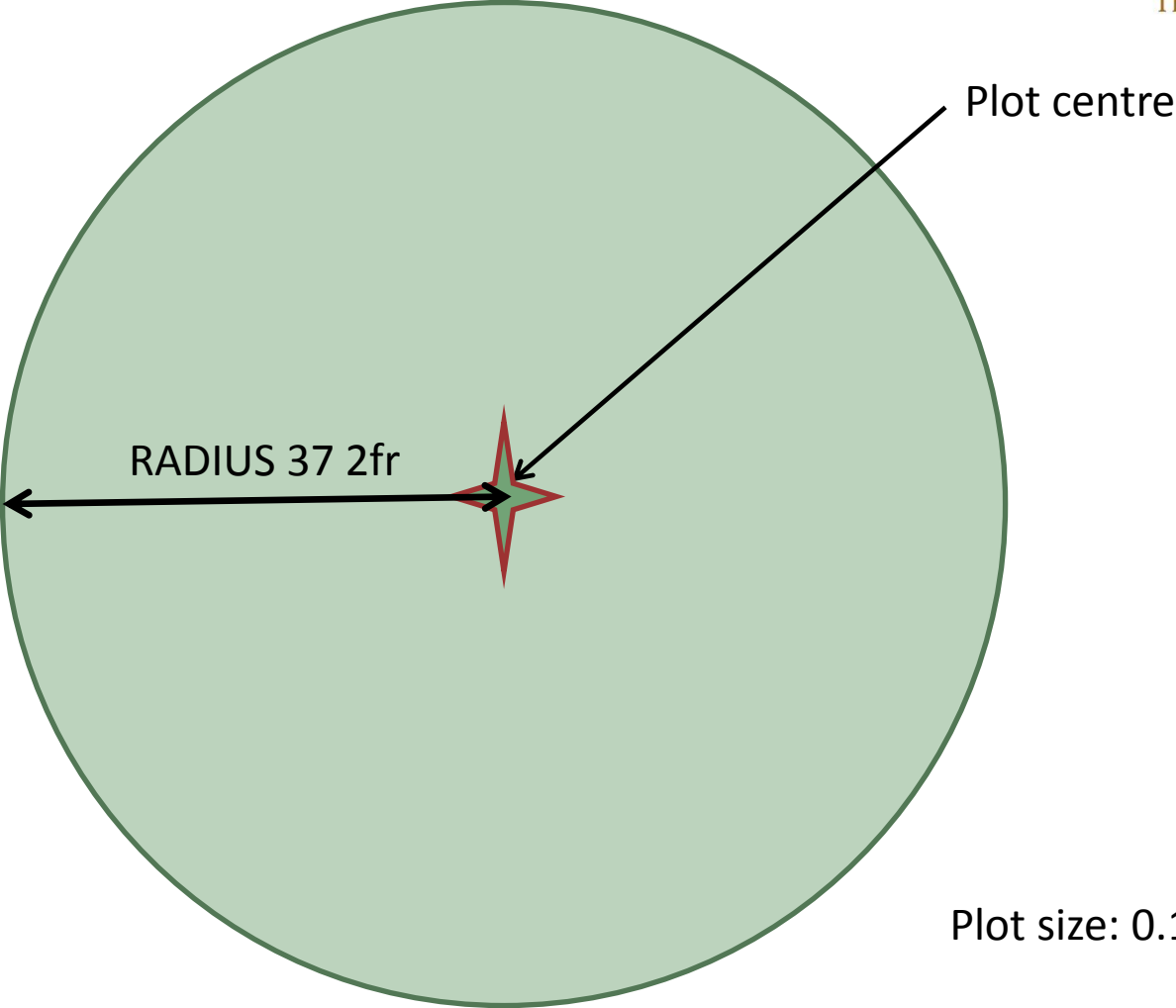


i-Tree

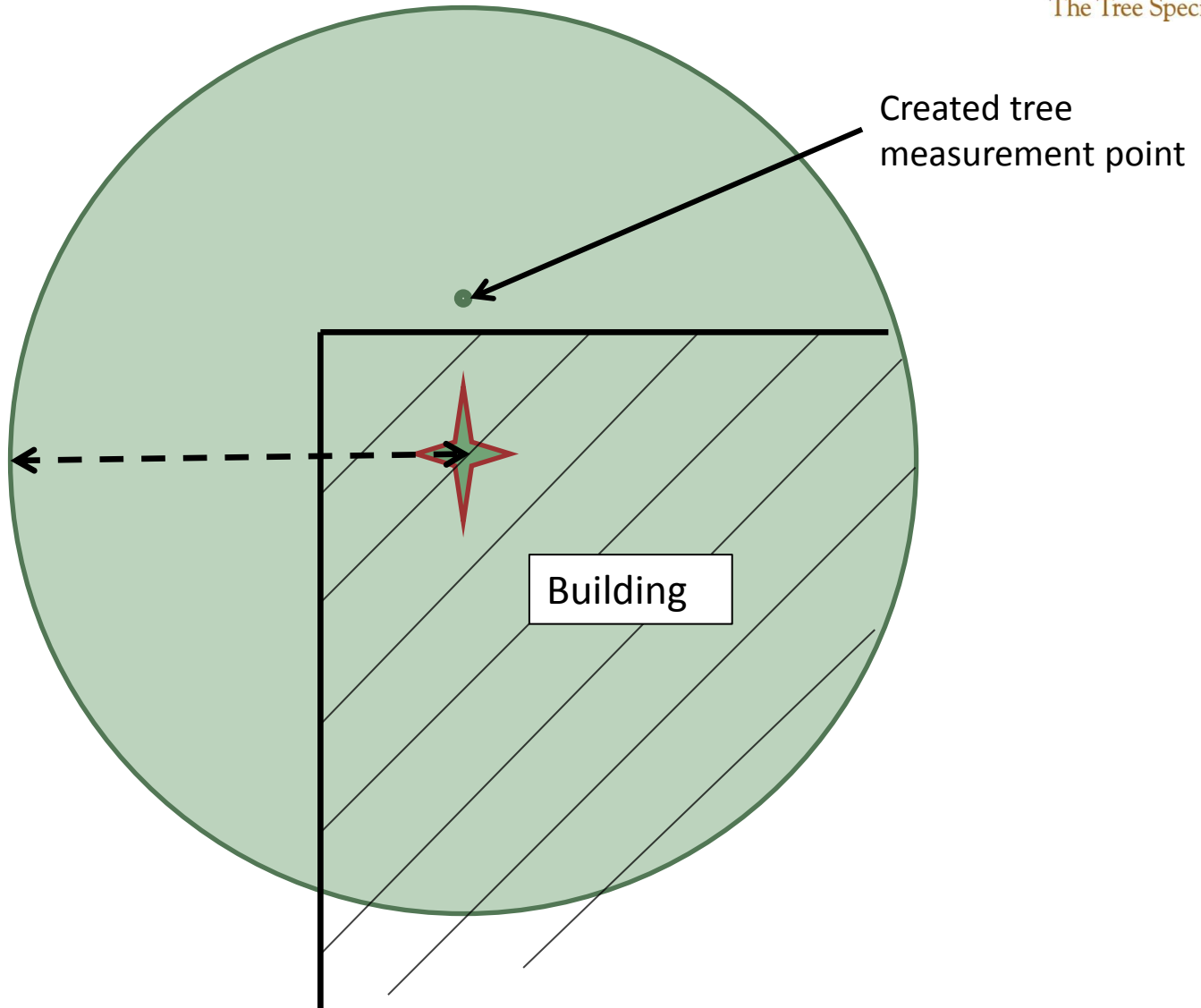
Plot Analysis



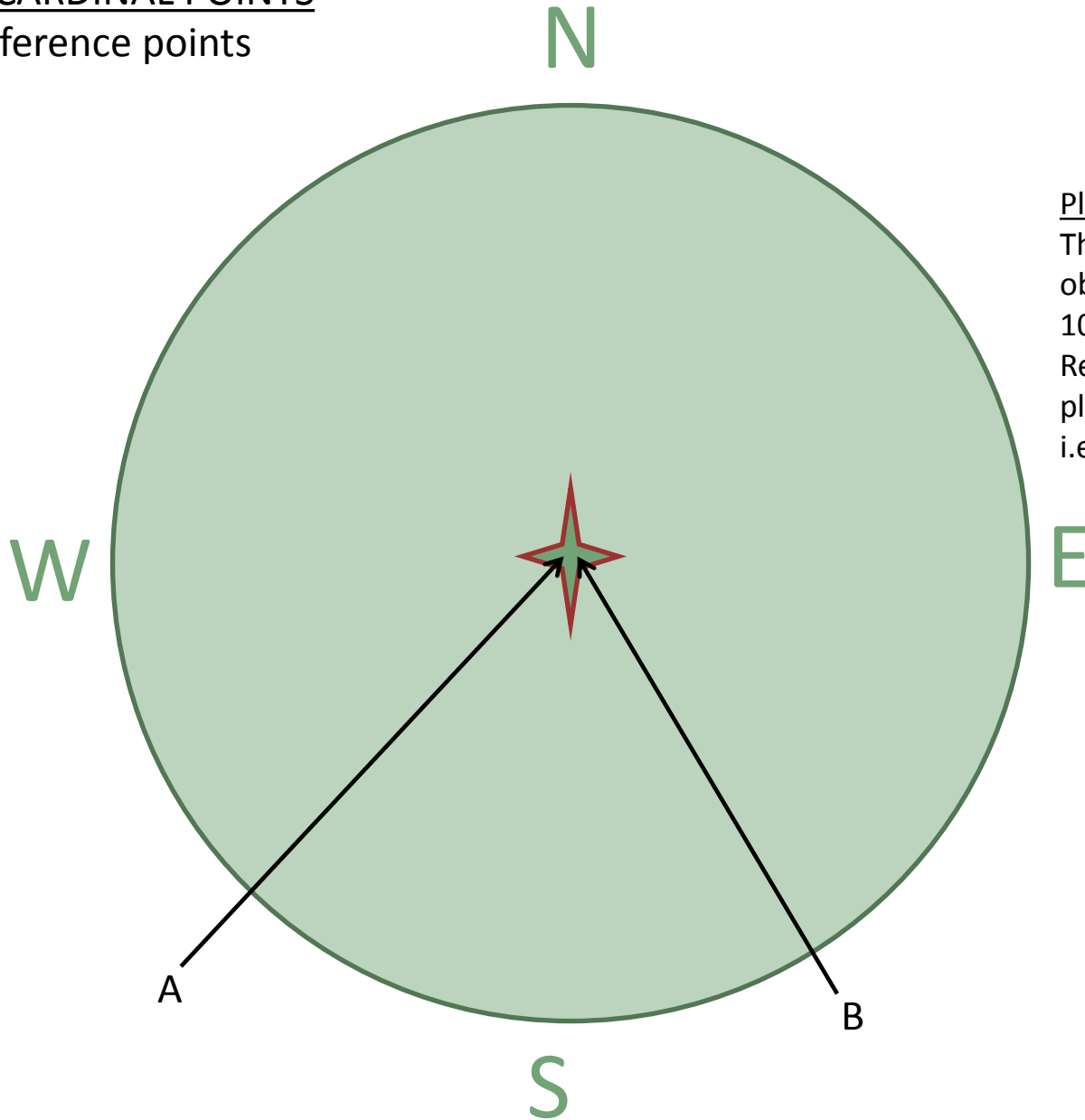
STANDARD I-TREE ECO PLOT



INACCESSIBLE PLOT CENTRE

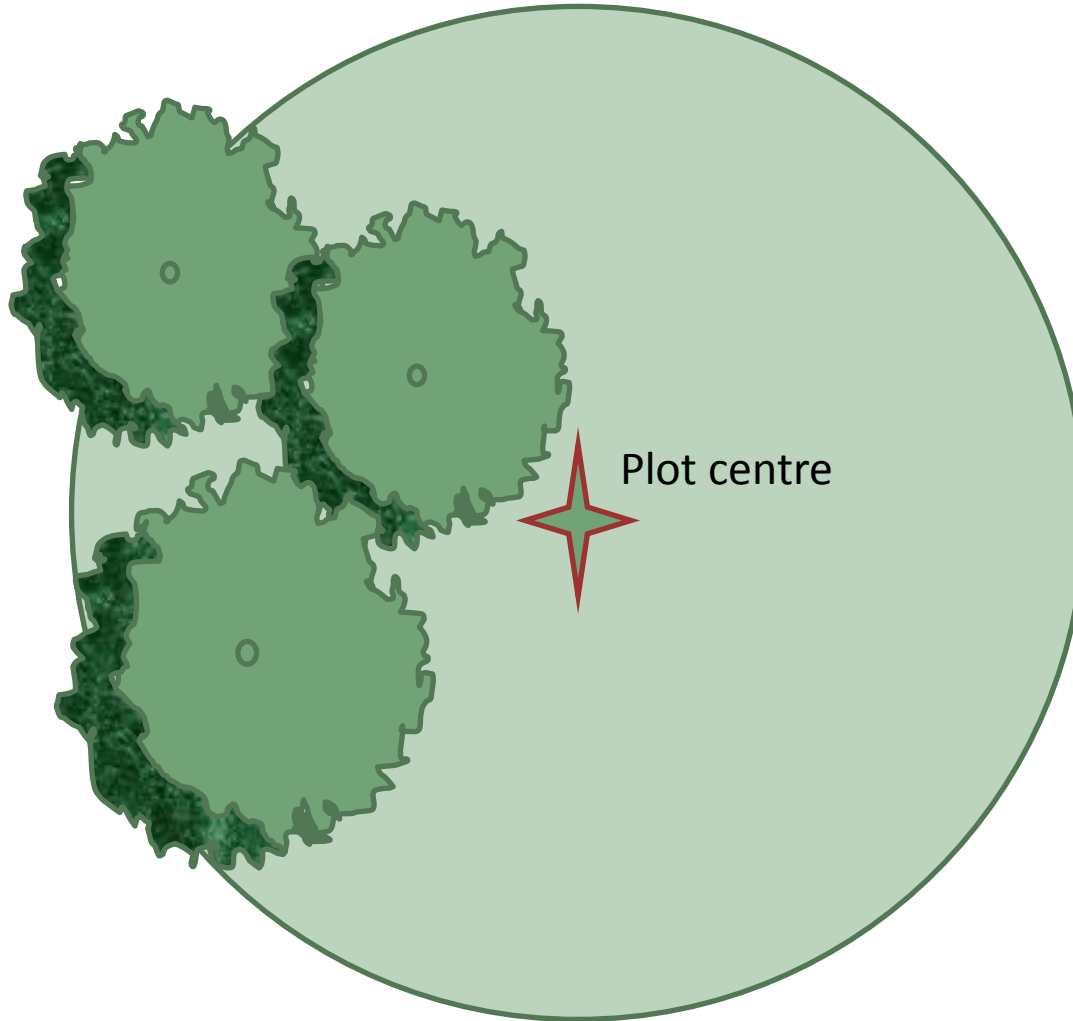


FOUR CARDINAL POINTS –
Plot reference points

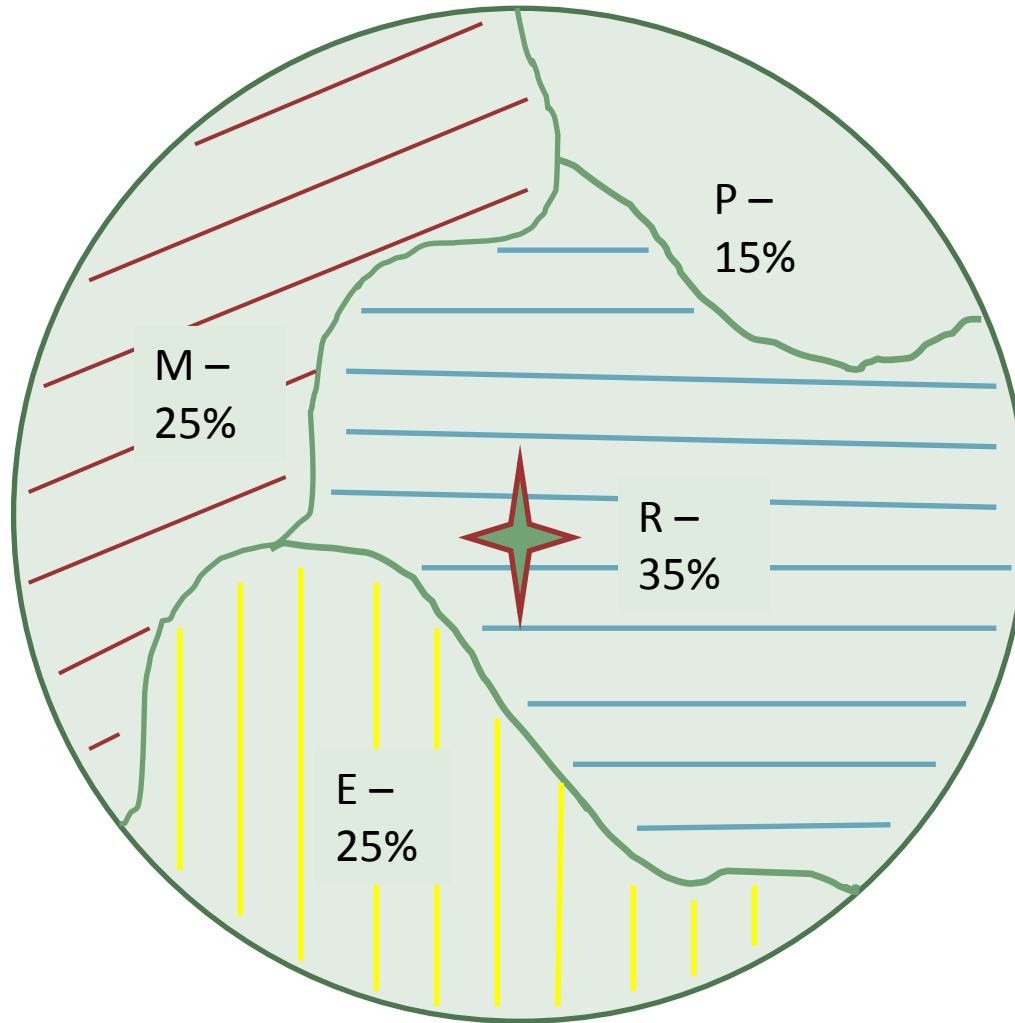


Plot Reference Points A & B
These are permanent
objects likely to be present
10-15 years
Record distance from the
plot centre and direction
i.e. 1° - 360°

PERCENTAGE PLOT COVERED BY TREE CANOPY
→ PERCENTAGE PLANTABLE



LAND USE CATEGORY –
% OF ACUTAL PLOT



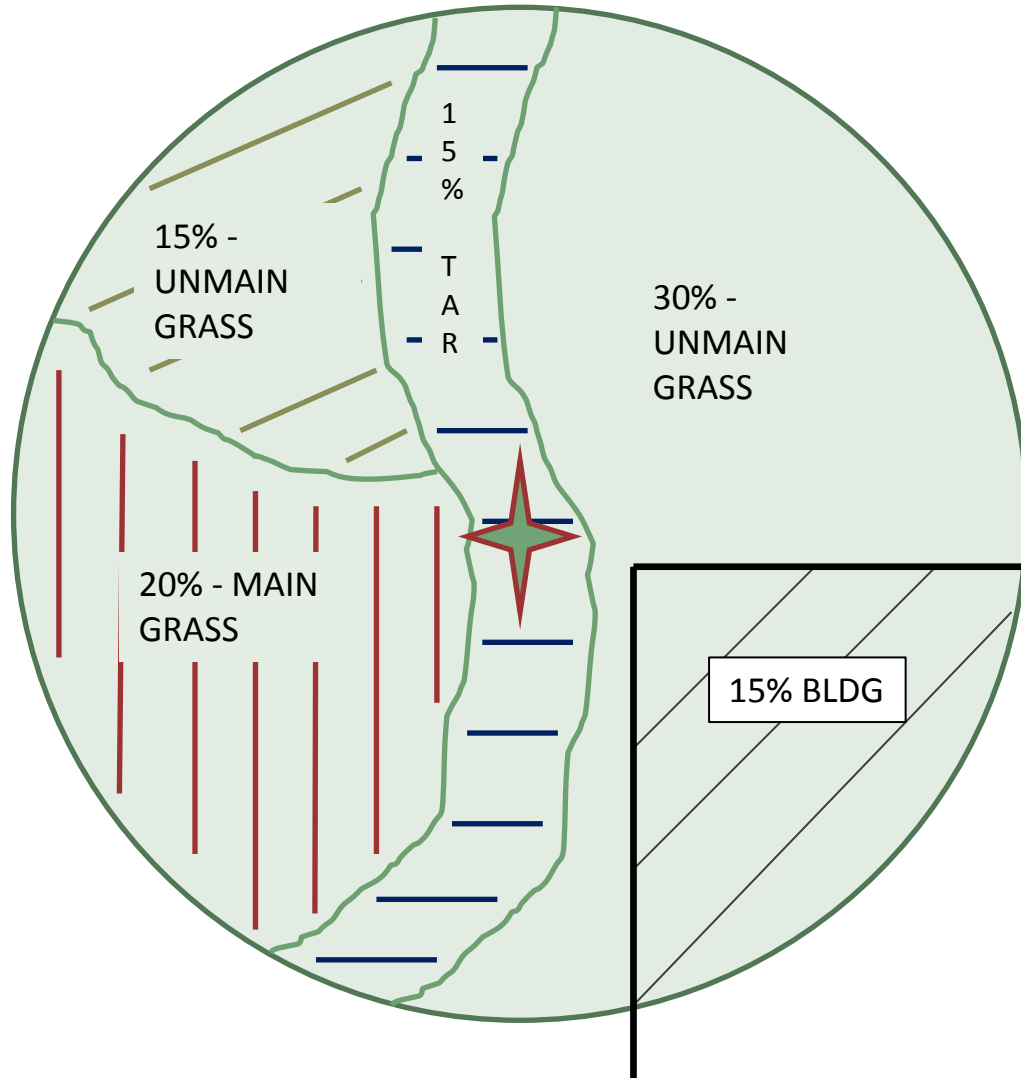
Land Use Types

- Residential (R)
- Multi family Residential (M)
- Commercial Industry (C)
- Park (P)
- Cemetery (E)
- Golf Course (G)
- Agriculture (A)
- Vacant (V)
- Intitutional (I)
- Utility (U)
- Water/Wetland (W)
- Transportation (T)
- Other (O)

*Note – It is not typical to see this many land use categories in one 1/10 acre plot.
There will usually be 1 or 2. AZ*

GROUND COVER –

Not including trees and shrub cover



Ground Cover Categories

- Building (% BLDG)
- Cement (% CMNT)
- Tar (% TAR)
- Rock (ROCK)
- Bare Soil (% SOIL)
- Duff/Mulch (%DUFF/MULCH)

- Herbs (% HERB/IVY)
- Grass (% MAIN GRASS)
- Unmaintained Grass (% UNMAIN GRASS)

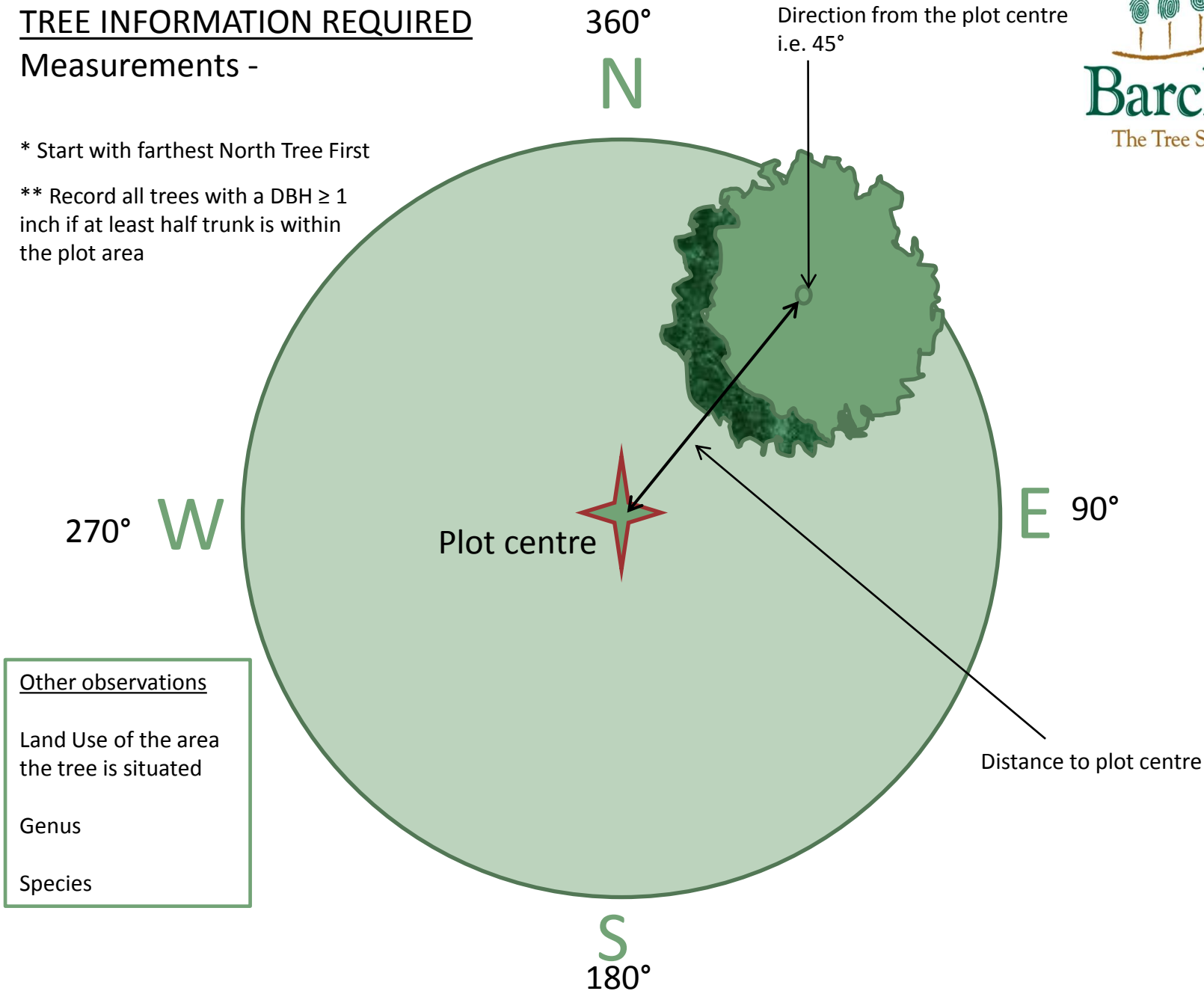
- Water (% H2O)

TREE INFORMATION REQUIRED

Measurements -

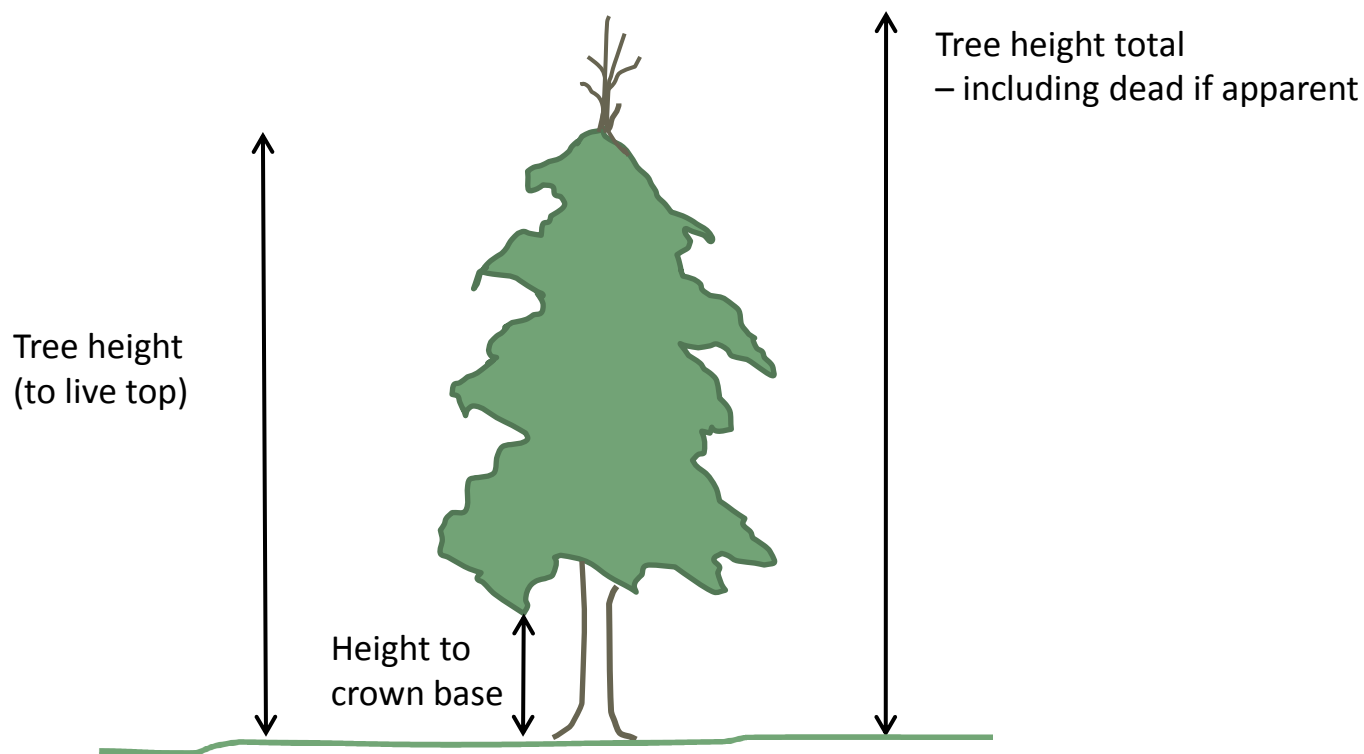
* Start with farthest North Tree First

** Record all trees with a DBH \geq 1 inch if at least half trunk is within the plot area



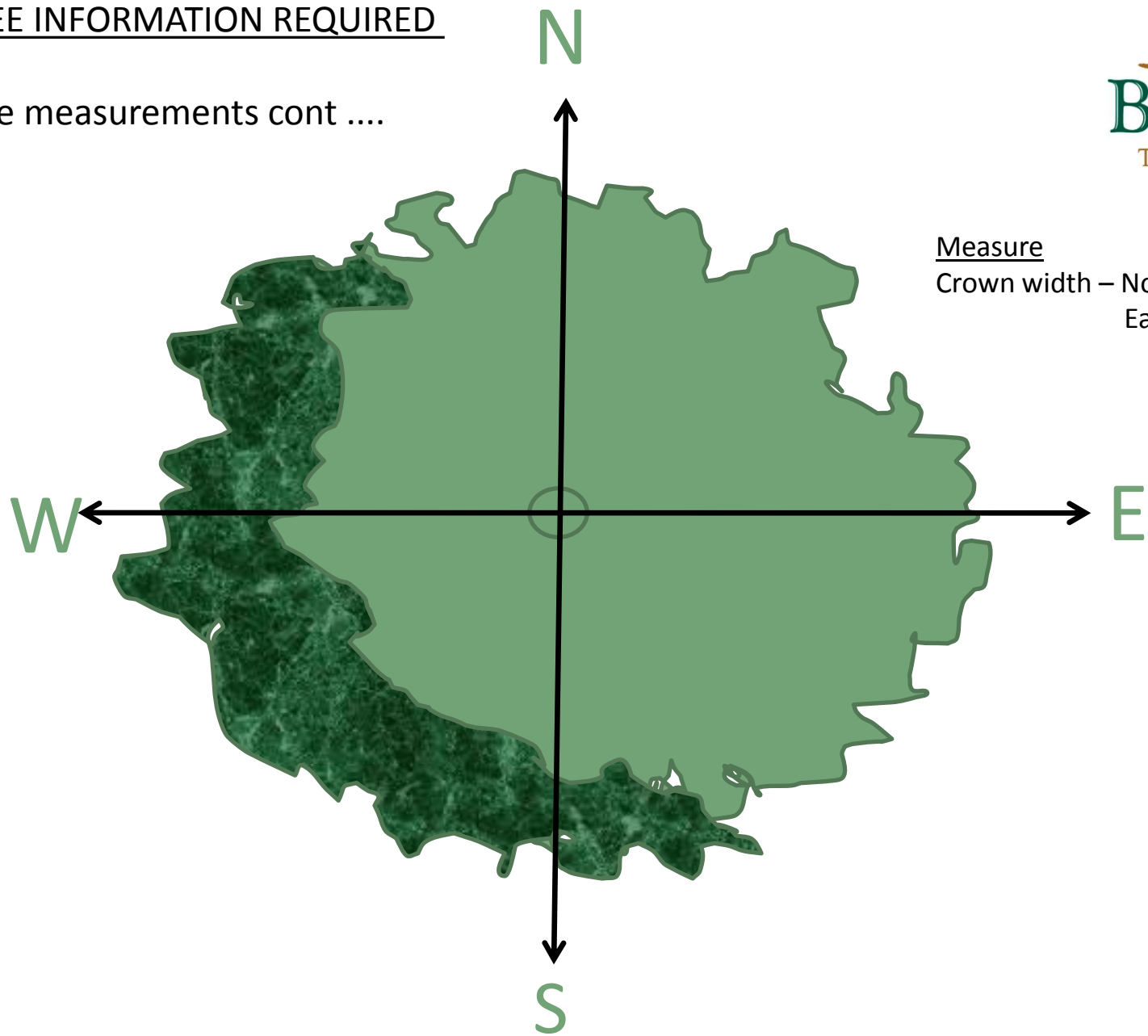
TREE INFORMATION REQUIRED

Tree measurements cont



TREE INFORMATION REQUIRED

Tree measurements cont

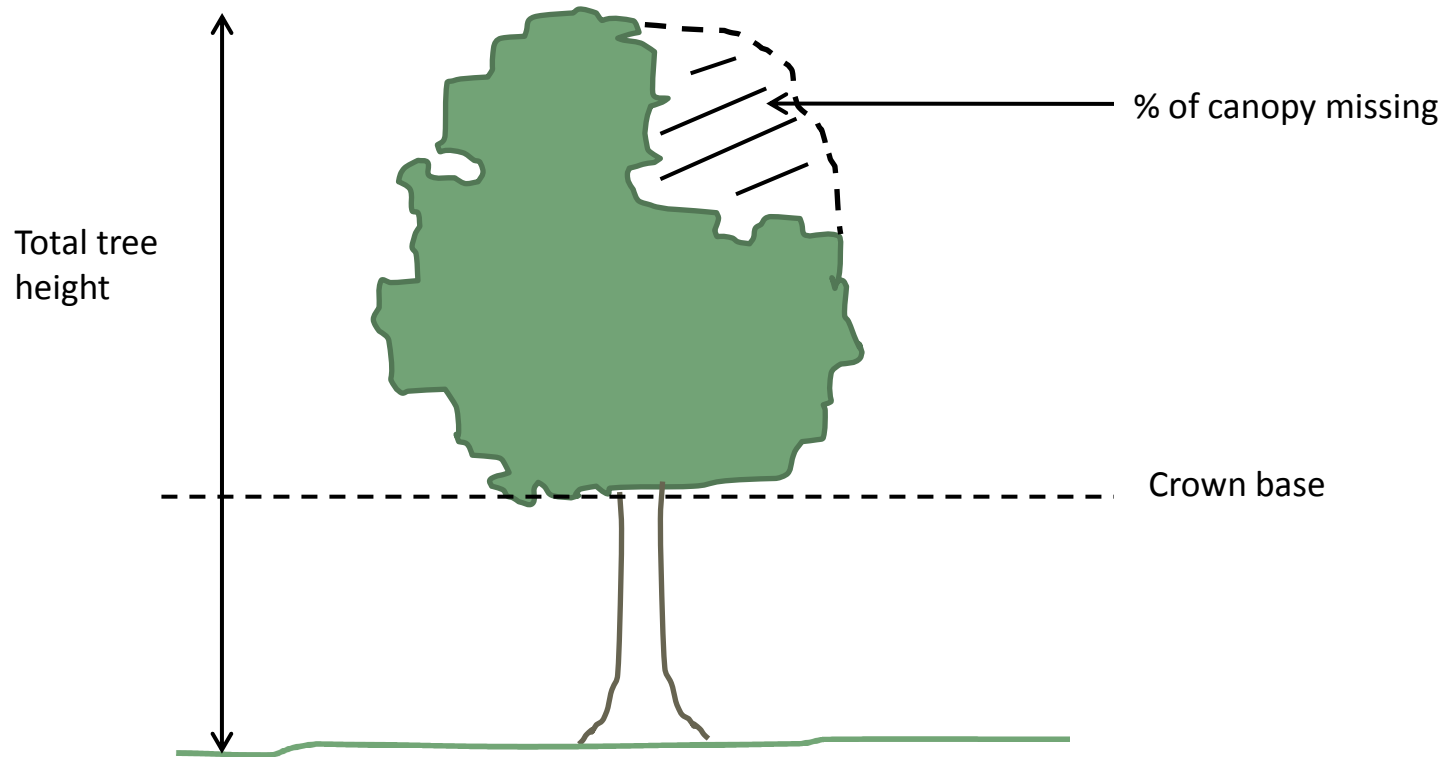


Measure
Crown width – North to South
East to West



TREE INFORMATION REQUIRED

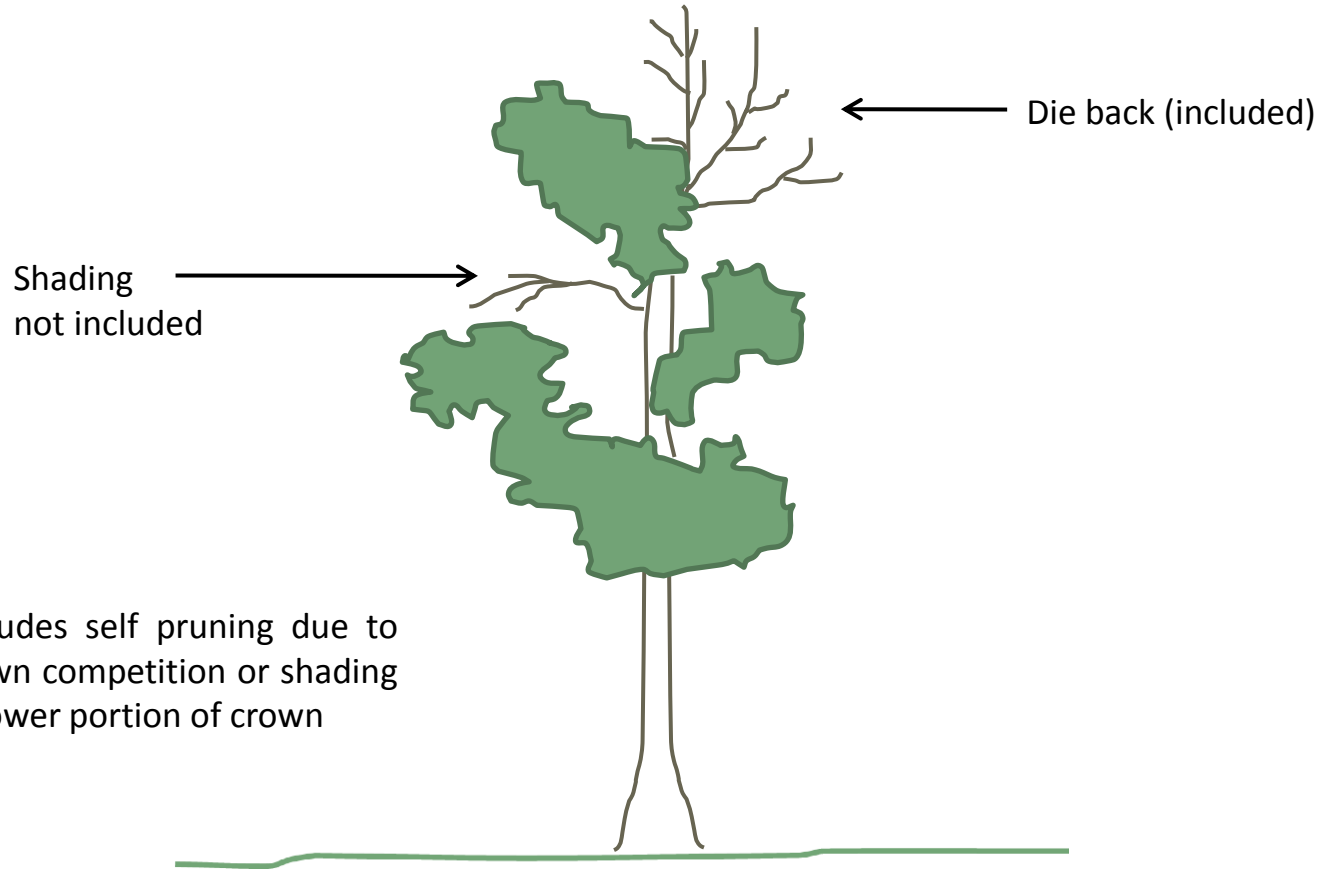
Tree measurements cont



CROWN DIEBACK



Percentage die back in crown area



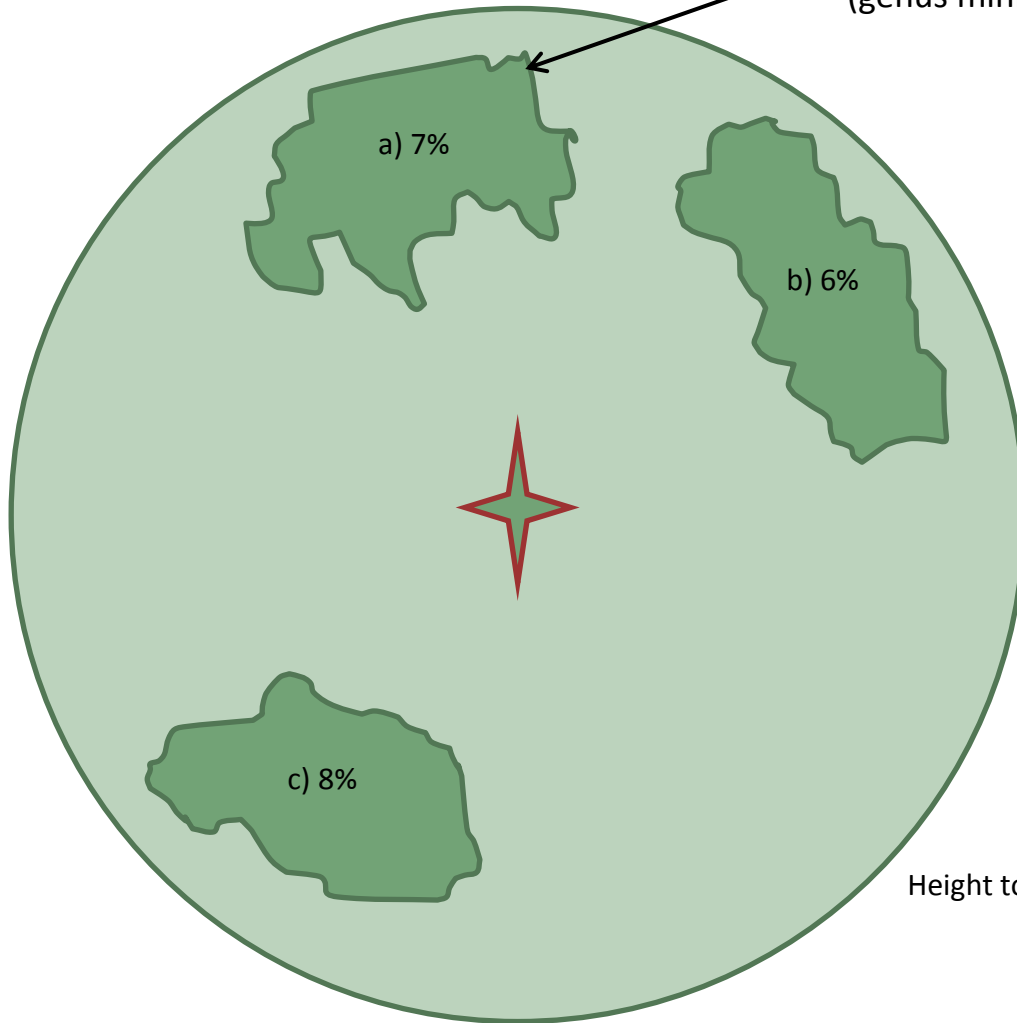
Shading not included

Die back (included)

Excludes self pruning due to crown competition or shading in lower portion of crown

SHRUB LAYER

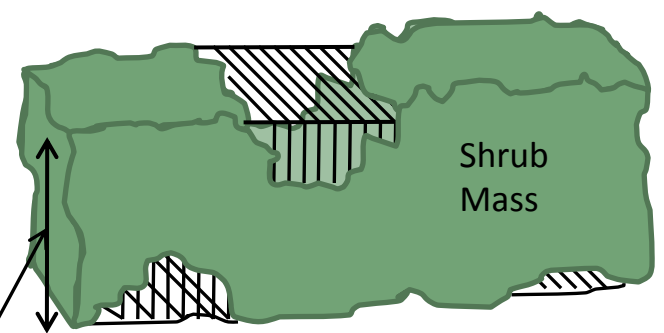
Identify shrub species
(genus minimum)



% Plot area occupied by shrub area


- a) 7%
- b) 6%
- c) 8%

Total: 17%

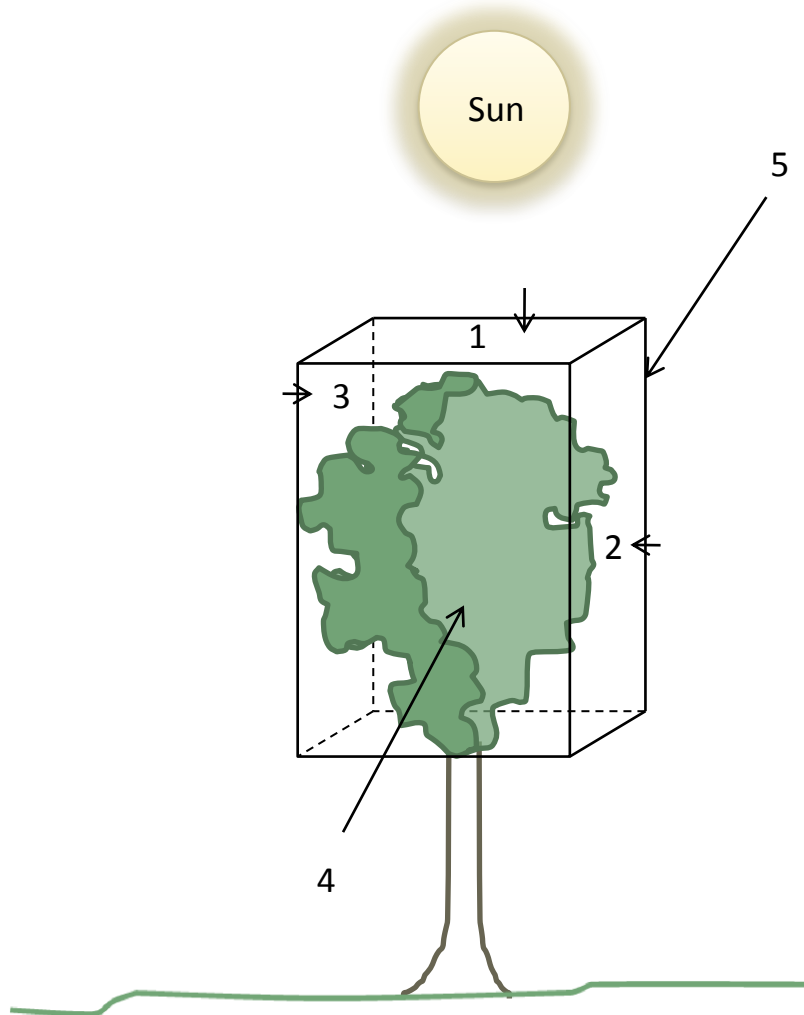


Height to the nearest 0.1ft

Key

 % of shrub missing

CROWN LIGHT EXPOSURE



The number of sides of the tree receiving sunlight from above.

The top of the tree is counted as one side.

0 – Tree Receives no full light

1 – Tree receives full light from the top or one side

2 – Tree receives full light from the top and one side (two sides without the top)

3 – Tree receives full light from the top and two sides (or three sides without top)

4 – Tree receives full light from the top and three sides

5 – Tree receives full light from the top and four sides

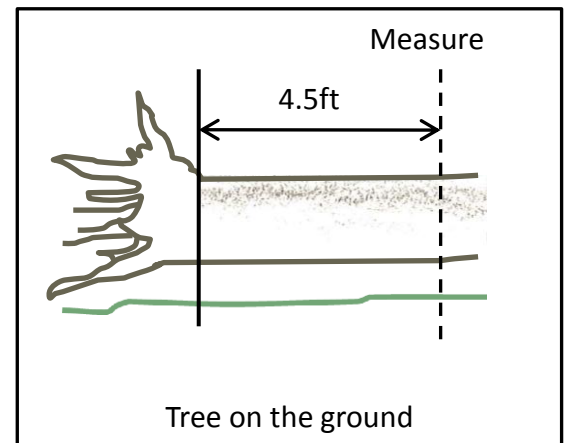
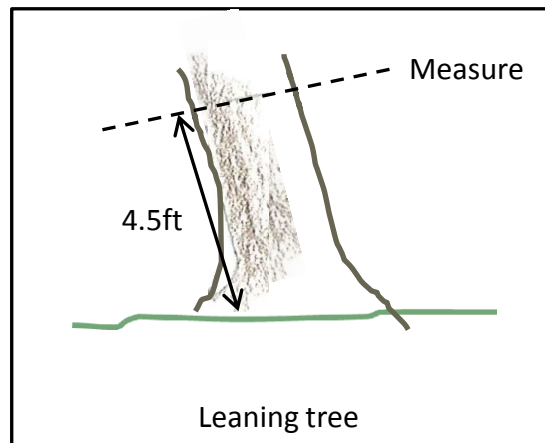
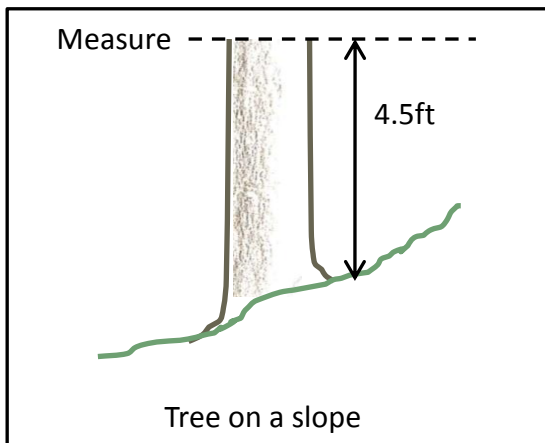
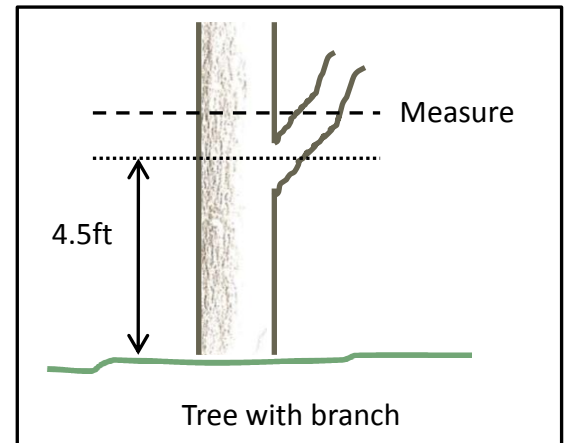
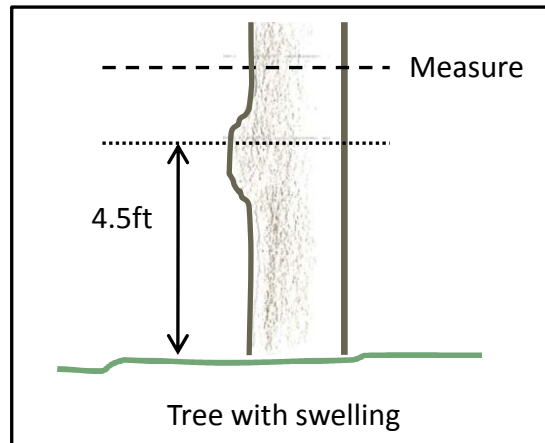
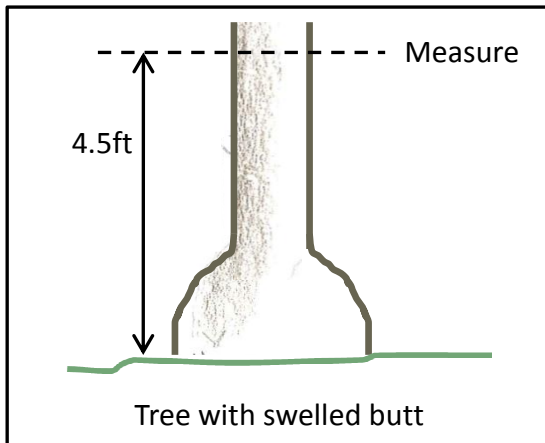
Diameter at Breast Height (DBH)

Measured on the uphill side of tree nearest 0.1 inch/cm

Measured at 4.5ft (approx 1.35m) up the stem

Measure all trees with DBH \geq 1 inch

Irregular DBH's

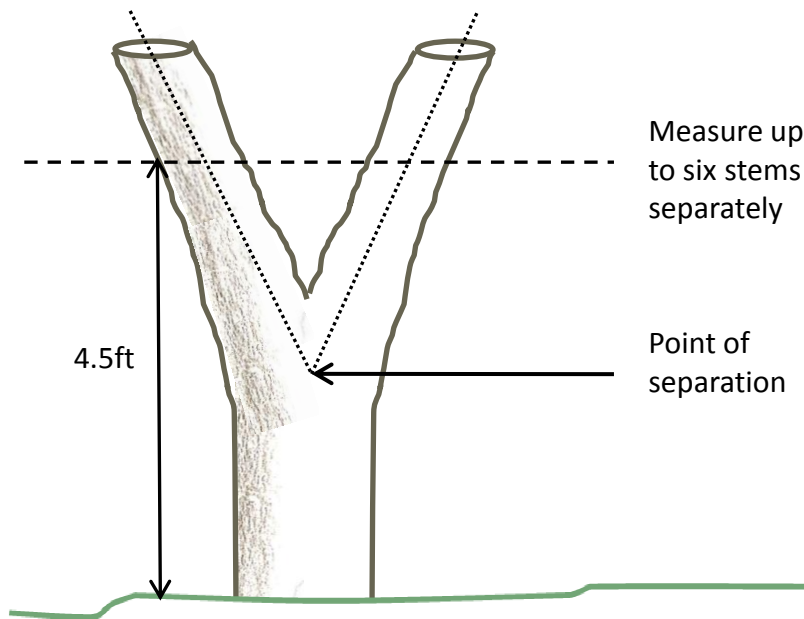


Diameter at Breast Height (DBH) continued



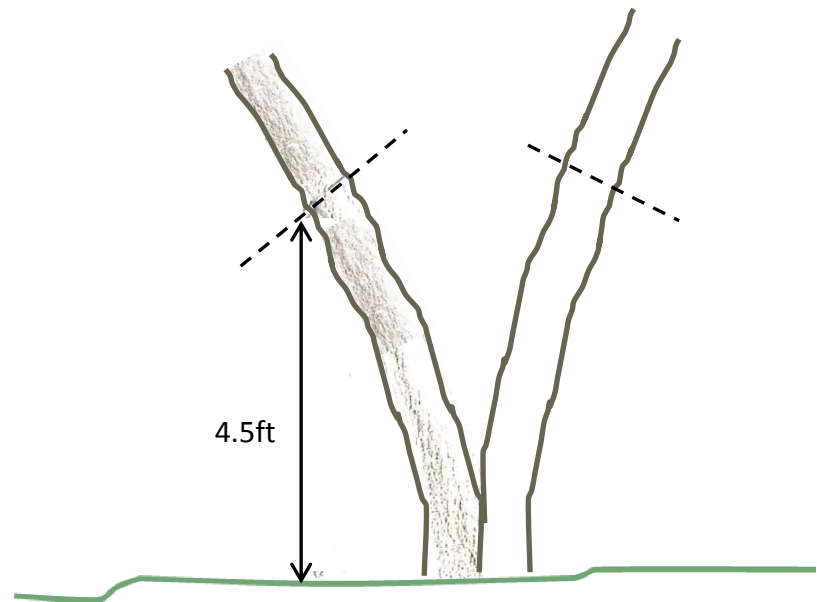
For forked or multi-stemmed trees

If point of pith separation is above ground it is considered to be one tree



More than six stems lower measurement height to 1ft above ground and record diameter of largest six stems

If point of pith separation is below ground each stem is considered as an individual tree and should be measured



Any root sprouts with DBH ≥ 1 inch should be measured as individual trees. Below can be ignored



Thank you for listening.
Any Questions?