

Supplementary Table S2. Weighted mean ($\pm$ SD) by age and treatments

Group	Annual Basal Area (cm ²)	Fibre wall thickness (μ m)	Fibre width (μ m)	Fibre length (μ m)	Vessel diameter (μ m)	Vessel number (N°mm ⁻²)	Cell wall Area (%)
1st year							
C	0.24 ($\pm$ 0.12)	0.003 ($\pm$ 0.001)	0.023 ($\pm$ 0.009)	0.828 ($\pm$ 0.351)	0.061 ($\pm$ 0.031)	0.147 ($\pm$ 0.071)	0.075 ($\pm$ 0.003)
M	0.78 ($\pm$ 0.26)	0.006 ($\pm$ 0.003)	0.039 ($\pm$ 0.002)	1.626 ($\pm$ 0.925)	0.104 ($\pm$ 0.063)	0.339 ($\pm$ 0.287)	0.124 ($\pm$ 0.070)
CHM	0.58 ($\pm$ 0.24)	0.006 ($\pm$ 0.003)	0.044 ($\pm$ 0.019)	1.814 ($\pm$ 0.688)	0.106 ($\pm$ 0.036)	0.318 ($\pm$ 0.163)	0.139 ($\pm$ 0.059)
CHM-F	1.72 ($\pm$ 0.64)	0.006 ($\pm$ 0.003)	0.040 ($\pm$ 0.020)	1.367 ($\pm$ 0.748)	0.095 ($\pm$ 0.046)	0.262 ($\pm$ 0.131)	0.133 ($\pm$ 0.059)
3rd year							
C	2.28 ($\pm$ 0.843)	0.032 ($\pm$ 0.015)	0.227 ($\pm$ 0.090)	8.593 ($\pm$ 4.067)	0.627 ($\pm$ 0.273)	0.774 ($\pm$ 0.409)	0.578 ($\pm$ 0.388)
M	7.26 ($\pm$ 1.627)	0.076 ($\pm$ 0.045)	0.504 ($\pm$ 0.257)	21.329 ($\pm$ 10.858)	1.449 ($\pm$ 0.746)	2.231 ($\pm$ 1.249)	1.310 ($\pm$ 0.706)
CHM	8.61 ($\pm$ 1.558)	0.093 ($\pm$ 0.019)	0.678 ($\pm$ 0.107)	24.884 ($\pm$ 5.949)	1.901 ($\pm$ 0.392)	2.051 ($\pm$ 0.451)	1.734 ($\pm$ 0.517)
CHM-F	18.04 ($\pm$ 7.77)	0.151 ($\pm$ 0.049)	1.028 ($\pm$ 0.336)	41.987 ($\pm$ 14.366)	3.015 ($\pm$ 0.895)	4.137 ($\pm$ 1.569)	2.934 ($\pm$ 1.092)
10th year							
C	37.98 ($\pm$ 2.96)	0.487 ($\pm$ 0.065)	3.450 ($\pm$ 0.520)	182.983 ($\pm$ 33.107)	9.306 ($\pm$ 2.200)	8.213 ($\pm$ 1.151)	8.952 ($\pm$ 1.521)
M	43.13 ($\pm$ 8.21)	0.466 ($\pm$ 0.174)	3.146 ($\pm$ 1.104)	178.802 ($\pm$ 64.704)	9.124 ($\pm$ 3.371)	8.035 ($\pm$ 3.357)	8.278 ($\pm$ 3.186)
CHM	36.97 ($\pm$ 5.52)	0.415 ($\pm$ 0.080)	3.076 ($\pm$ 0.472)	162.810 ($\pm$ 23.125)	8.981 ($\pm$ 1.336)	6.167 ($\pm$ 1.610)	7.467 ($\pm$ 1.116)
CHM-F	42.40 ($\pm$ 6.34)	0.370 ($\pm$ 0.065)	2.677 ($\pm$ 0.559)	149.547 ($\pm$ 30.576)	8.523 ($\pm$ 2.010)	5.898 ($\pm$ 1.545)	6.367 ($\pm$ 1.041)