
Supplementary materials

Effect of temperature and exposure time on cambium cell viability in vitro for *Eucalyptus* species

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Supplementary

Table S1: Tree data of the three *Eucalyptus* species

Species	Location	GPS Location	Age (years)	No of trees	Average Height (m)	Average Dbh (cm)	Bark Thickness (cm)
<i>E. obliqua</i>	Creswick	-37.42493, 143.90269	29	9	12.3±0.7	22.0±1.0	2.94±0.26
<i>E. radiata</i>	Spring Hill	-37.32699, 144.31753	25	6	22.4±0.7	27.2±0.8	1.73±0.16
<i>E. ovata</i>	Spring Hill	-37.32699, 144.31753	25	8	19.2±0.6	27.6±1.7	1.65±0.16

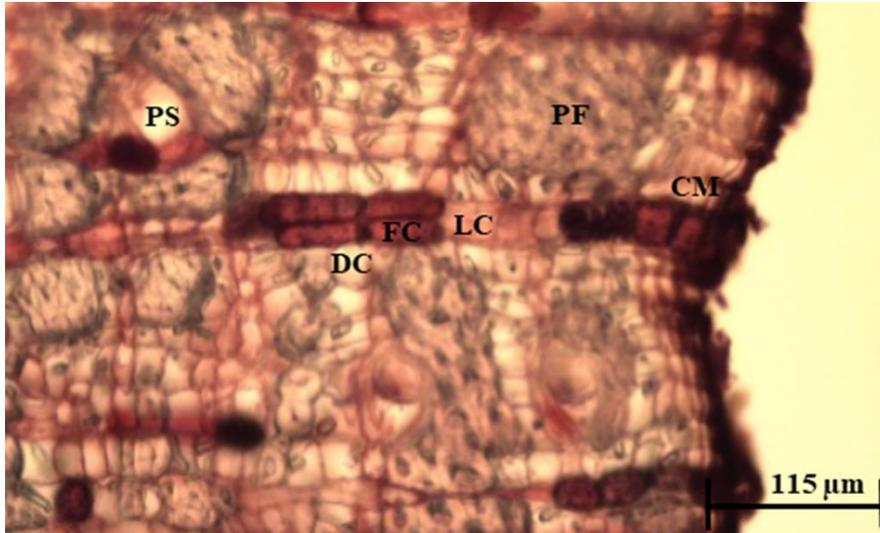


Figure S1: Microscopic image of a cross section of a Neutral Red-stained secondary phloem tissue of *E. obliqua*. CM-cambium, DC- dead cell, FC-false live cell, LC-live cell, PF-phloem fibres, PS-phloem sieve tube [13]

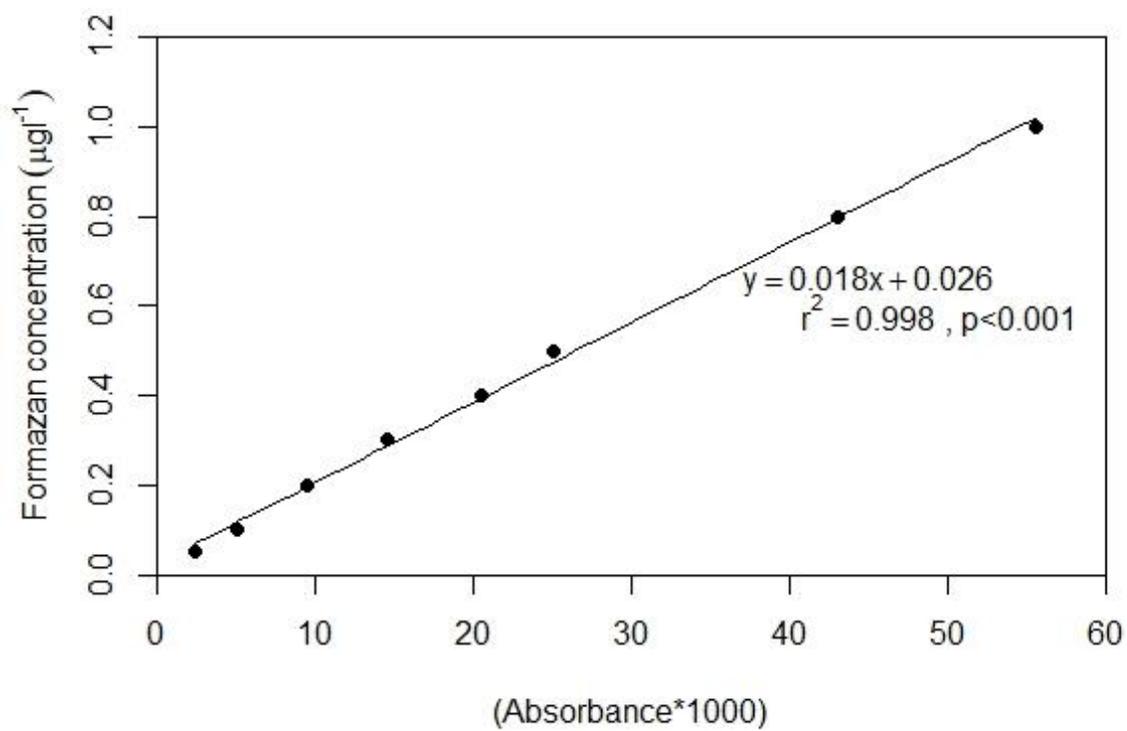


Figure S2: Standard absorbance curve for 1,3,5 triphenyl tetrazolium formazan at 20°C

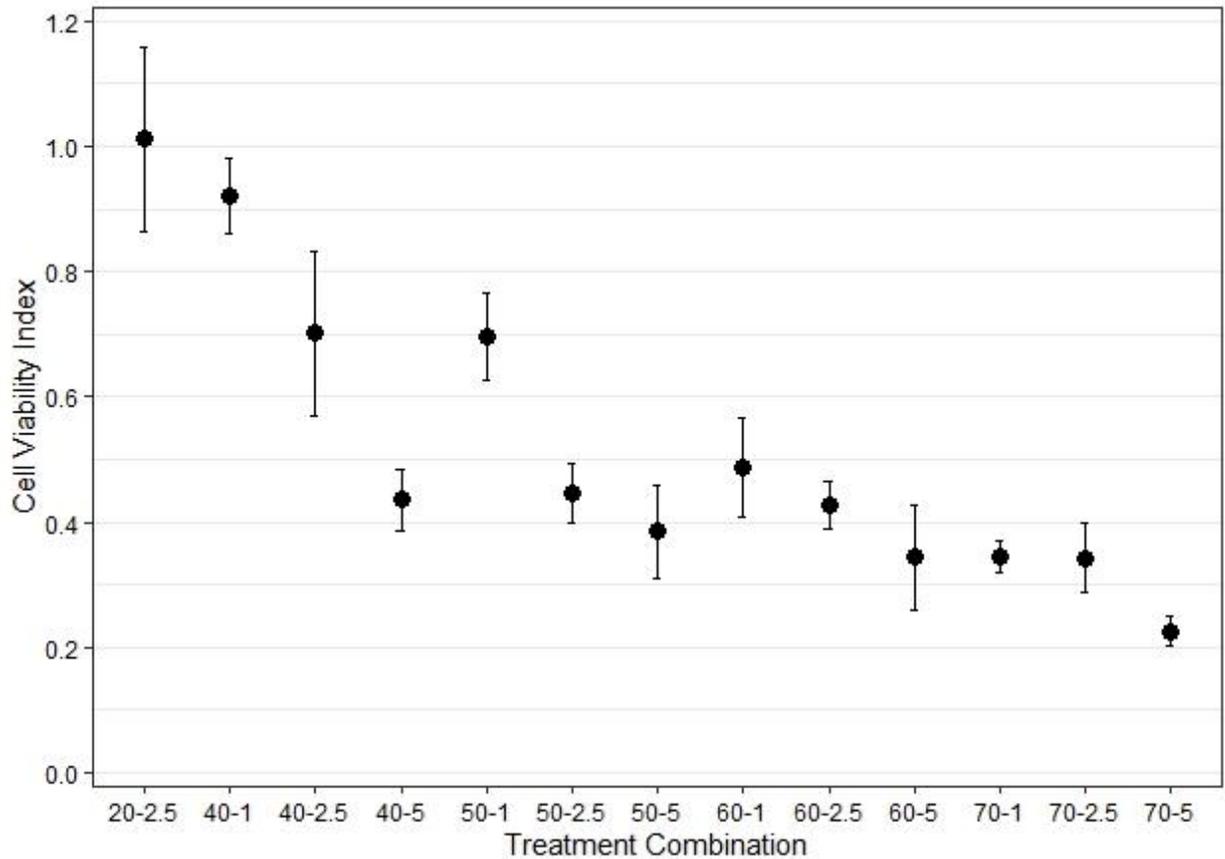


Figure S3: Closed circles indicate the average Cell Viability Index (CVI) values of all species for each treatment combination. Error bar indicates the standard error of mean at 95% confidence interval. Different lower case (in bold) letters adjacent to each closed circle indicates the significant difference tested for the average of log transformed CVI values of each treatment combination.

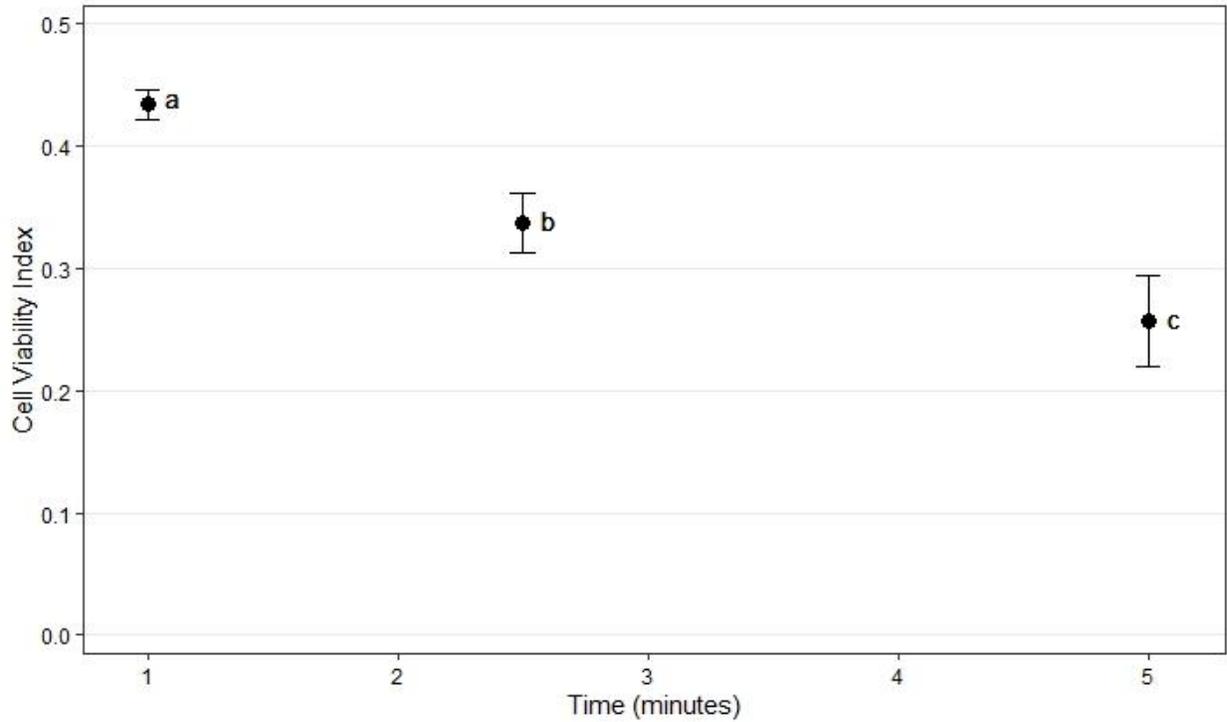


Figure S4: Closed circles indicate the average Cell Viability Index (CVI) values of all species treated at 60°C for 1 minute, 2.5 minutes and 5 minutes in the Neutral Red method. Error bar indicates the standard error of mean at 95% confidence interval. Different lower case (in bold) letters adjacent to each closed circle indicates the significant difference tested for the average of log transformed CVI values of each treatment combination.