

12 **Supplementary Table S3**

13 Days to 50% leaf senescence and CCI senescence in seedlings of four subtropical tree species in a factorial experiment addressing the

14 effects of the air temperature (T), photoperiod (P), and soil moisture (SM). Means and standard deviations are based on six or ten

15 replicates of each species and treatment.

16

Treatment			<i>Carya illinoensis</i>	<i>Cerasus serrulata</i>	<i>Liriodendron chinense</i>	<i>Sassafrs tzumu</i>
T	P	SM				
Leaf senescence						
HT	LD	W	62.3±3.1	29.7±4.6	68.0±1.4	50.0±1.73
HT	LD	D	47.4±9.0	18.5±4.0	67.3±0.6	57.2±6.8
HT	SD	W	59.7±2.5	35.8±6.9	65.5±1.0	47.4±14.2
HT	SD	D	47.0±7.0	21.7±2.1	52.8±8.0	53.4±8.8
LT	LD	W	52±1.2	28.7±6.1	42.8±3.2	57.1±9.9
LT	LD	D	51.7±1.75	25.6±6.8	44.7±4.2	56.3±5.8
LT	SD	W	48.7±7.8	30.5±8.2	42.2±5.2	49.6±8.5
LT	SD	D	49.5±1.5	35±3.67	39±4.9	51.7±10.0
CCI senescence						
HT	LD	W	NA	40.5±1.5	NA	NA
HT	LD	D	52.7±8.5	47.8±11.4	NA	NA
HT	SD	W	NA	58.0±3.3	NA	61.6±5.1
HT	SD	D	45.0±2.5	45.7±1.29	49.1±3.3	59.7±3.8
LT	LD	W	52.4±6.0	37.8±5.1	38.8±4.6	62.2±7.1
LT	LD	D	48.7±1.2	34.5±4.4	38.7±4.8	63.8±4.5
LT	SD	W	45.3±2.0	36.4±3.7	41.4±3.4	49.2±7.1
LT	SD	D	41.7±±1.0	38.8±4.2	39.2±4.5	59.6±8.8

17