

**Table S1.** Ecological factors from four treatments.

Gap	AT (°C)	AH (%)	SMC (%)
G <sub>1</sub>	26.30 ± 0.16bc	64.33 ± 0.32b	22.33 ± 0.03ab
G <sub>2</sub>	26.72 ± 0.46b	63.80 ± 0.23c	26.67 ± 0.02a
G <sub>3</sub>	27.85 ± 0.26a	48.27 ± 0.35d	18.33 ± 0.03b
G <sub>0</sub>	25.96 ± 0.25c	66.30 ± 0.20a	24.67 ± 0.06ab

Remarks: AT: Air temperature; AH: Air humidity; SMC: Soil moisture content; G<sub>1</sub>: small gap; G<sub>2</sub>: medium gap; G<sub>3</sub>: large gap; G<sub>0</sub>: closed canopy. Values are the mean ± standard deviation ( $n = 3$ ). Different lowercase letters indicate significant differences among gap size (Fisher's LSD test at 0.05).