

Treatment	Time	ST (°C)	SWC (%)	pH	NO ₃ ⁻ -N (mg kg ⁻¹ dry soil)	NH ₄ ⁺ -N (mg kg ⁻¹ dry soil)	TN (g kg ⁻¹ dry soil)	DOC (mg kg ⁻¹ dry soil)	POC (g kg ⁻¹ dry soil)	SOC (g kg ⁻¹ dry soil)	POC/SOC (%)	SOC/TN
None	April	18.9 ± 0.3aB	22.8 ± 0.5aA	4.88 ± 0.04aA	4.9 ± 0.8aA	23.1 ± 1.8bA	1.29 ± 0.08aA	45.9 ± 3.5bA	4.36 ± 0.63aA	19.7 ± 1.7aA	21.9 ± 1.5aA	15.3 ± 0.8aA
	July	28.1 ± 0.2aA	18.8 ± 0.5aB	4.80 ± 0.04aA	6.5 ± 0.4aA	14.6 ± 0.4bB	1.13 ± 0.06aA	40.5 ± 3.6bA	3.03 ± 0.37aA	16.9 ± 0.7aA	18.1 ± 2.2bA	15.4 ± 0.9aA
	November	16.4 ± 0.2aC	24.1 ± 1.0bA	4.95 ± 0.04aA	3.1 ± 0.3aB	6.4 ± 0.4aC	1.16 ± 0.03aA	25.6 ± 0.2bA	3.55 ± 0.03bA	16.3 ± 0.3bA	21.8 ± 0.4aA	14.0 ± 0.6aA
Understory	April	18.8 ± 0.0aB	22.6 ± 0.6aB	4.89 ± 0.07aA	4.9 ± 0.7aB	29.8 ± 2.1aA	1.29 ± 0.00aA	57.3 ± 4.0aA	5.17 ± 0.43aA	20.3 ± 0.9aA	25.6 ± 1.5aA	15.8 ± 0.7aA
	July	27.6 ± 0.2bA	19.9 ± 0.4aC	4.86 ± 0.07aA	7.1 ± 0.4aA	29.24 ± 0.8aA	1.29 ± 0.03aA	51.4 ± 5.0aA	4.48 ± 0.84aA	19.9 ± 1.2aA	22.1 ± 2.9aA	15.4 ± 0.7aA
	November	16.5 ± 0.2aC	26.3 ± 0.9aA	4.86 ± 0.04aA	4.5 ± 0.3aB	7.8 ± 0.2aB	1.32 ± 0.01aA	27.5 ± 0.2aA	4.93 ± 0.28aA	19.7 ± 0.3aA	24.9 ± 1.0aA	15.0 ± 0.3aA