

Treatment	Time	G ⁺ (nmol g ⁻¹ dry soil)	G ⁻ (nmol g ⁻¹ dry soil)	Bacteria (nmol g ⁻¹ dry soil)	Fungi (nmol g ⁻¹ dry soil)	AMF (nmol g ⁻¹ dry soil)	Actinobacterias (nmol g ⁻¹ dry soil)	PLFAs (nmol g ⁻¹ dry soil)	G ⁺ /G ⁻	F/B
None	April	4.25 ± 0.44aB	4.61 ± 0.50aA	8.86 ± 0.94aA	2.07 ± 0.30aA	0.36 ± 0.05aB	2.10 ± 0.22aA	11.56 ± 0.75bA	0.93 ± 0.01aB	0.21 ± 0.01aAB
	July	6.28 ± 0.47aA	3.62 ± 0.08aAB	9.31 ± 0.13bA	1.89 ± 0.03bA	0.69 ± 0.05aA	2.09 ± 0.22aA	13.29 ± 0.30aA	1.59 ± 0.07aA	0.20 ± 0.00aB
	November	2.82 ± 0.34bB	3.11 ± 0.22aB	5.93 ± 0.56bB	1.45 ± 0.07bA	0.35 ± 0.04aB	0.817 ± 0.41aB	8.19 ± 0.52bB	0.90 ± 0.05aB	0.25 ± 0.02aA
Understory	April	3.81 ± 0.46aC	4.32 ± 0.21aA	10.53 ± 0.54aA	2.21 ± 0.08aA	0.43 ± 0.26aB	2.05 ± 0.06aAB	14.62 ± 0.50aAB	0.89 ± 0.05aB	0.26 ± 0.04aA
	July	7.22 ± 0.25aA	4.52 ± 0.29aA	11.76 ± 0.51aA	2.23 ± 0.04aA	0.73 ± 0.43aA	2.99 ± 0.36aA	16.67 ± 0.71aA	1.62 ± 0.04aA	0.19 ± 0.01aA
	November	5.41 ± 0.51aB	4.92 ± 0.28aA	10.32 ± 0.59aA	2.35 ± 0.21aA	0.47 ± 0.45aB	1.23 ± 0.55aB	13.90 ± 0.98aB	1.13 ± 0.15aB	0.23 ± 0.03aA