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Supplementary material

Fire alters soil labile stoichiometry and litter nutrients in Australian eucalypt forests

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Table S1. Pairwise comparisons of selected litter properties (means ± SE) between NRF and RFB areas at Toohey Forest and White Rock Spring Mountain Conservation Estate (WRSMCE) sites.

		Total C (%)	Litter HWE C_o (mg g^{-1})	Litter HWE N (mg g^{-1})	Litter HWE P (mg g^{-1})	Litter HWE C_o:N	Litter HWE C_o:P	Litter HWE N:P
Toohey Forest A	NRF area	49.2 (±2.1)	28.4 (±2.8)	0.77 (±0.07)	0.032 (±0.014)	37.9 (±4.2)	4049 (±2058)	101 (±51.5)
	RFB area	52.6 (±1.4)	27.6 (±1.7)	0.79 (±0.08)	0.068 (±0.025)	36.1 (±4.0)	2622 (±2079)	65.2 (±50.6)
	P-value	0.089	0.834	0.843	0.332	0.784	0.710	0.707
Toohey Forest B	NRF area	52.8 (±0.7)	27.5 (±0.7)	0.35 (±0.02)	0.005 (±0.001)	79.0 (±5.3)	7646 (±1868)	103 (±29.0)
	RFB area	48.8 (±1.9)	23.7 (±2.4)	0.43 (±0.02)	0.015 (±0.007)	55.3 (±5.8)	3036 (±955)	50.5 (±12.2)
	P-value	0.110	0.137	0.004*	0.250	0.031*	0.043*	0.110
WRSMCE A	NRF area	49.8 (±1.6)	32.3 (±1.1)	0.51 (±0.03)	0.14 (±0.01)	63.4 (±3.2)	228 (±23)	3.6 (±0.2)
	RFB area	52.6 (±0.3)	31.5 (±2.1)	0.58 (±0.05)	0.13 (±0.01)	56.2 (±16.6)	240 (±52)	4.4 (±0.2)
	P-value	0.168	0.739	0.291	0.485	0.391	0.682	0.017*
WRSMCE B	NRF area	50.4 (±0.5)	27.0 (±0.6)	0.61 (±0.03)	0.18 (±0.01)	44.9 (±3.2)	150 (±9.4)	3.3 (±0.07)
	RFB area	50.9 (±0.2)	30.5 (±0.9)	0.62 (±0.04)	0.20 (±0.02)	50.2 (±4.2)	161 (±20)	3.2 (±0.22)
	P-value	0.436	0.081	0.883	0.548	0.436	0.669	0.614

P-values from students' paired *t*-tests provided, with statistical significance ($P<0.05$) denoted *, n = 5; NRF = no recent fire; RFB = recent, frequent fire; HWE N, P and C_o, = hot water extractable (i.e. 'labile') forms of total N, total P and organic C.