

Additional file 3 Spearman rank correlation ρ and P -value for relationship between site species richness, evenness, and Shannon and Simpson indices of diversity. Results significant at $\alpha < 0.1$ are bolded.

	Richness		Evenness		Shannon		Simpson	
	ρ	P -value	ρ	P -value	ρ	P -value	ρ	P -value
dNBR	-0.156	0.3949	0.178	0.3308	0.094	0.6101	0.162	0.3756
Elevation	0.019	0.9197	0.180	0.3229	0.152	0.4053	0.233	0.1984
Aspect	0.115	0.532	0.074	0.6847	0.102	0.5782	0.030	0.8687
Live trees ha ⁻¹	0.192	0.292	-0.010	0.9554	0.045	0.808	0.016	0.9304
Dead trees ha ⁻¹	-0.255	0.1594	-0.094	0.6093	-0.137	0.4559	-0.131	0.4732
Canopy cover (%)	-0.040	0.8262	-0.218	0.2313	-0.168	0.357	-0.259	0.1519
Tall shrub cover (%)	0.063	0.7302	0.153	0.4018	0.116	0.5279	0.148	0.418
1000-hour fuel (kg m ⁻²)	-0.096	0.6024	-0.151	0.4102	-0.206	0.2584	-0.235	0.1946
100-hour fuel (kg m ⁻²)	-0.388	0.0282	-0.168	0.3572	-0.321	0.0732	-0.343	0.05495
10-hour fuel (kg m ⁻²)	-0.230	0.2046	-0.153	0.4036	-0.256	0.1574	-0.286	0.113
1-hour fuel (kg m ⁻²)	-0.082	0.6536	0.023	0.9	-0.038	0.8375	-0.084	0.6465
Moss depth (mm)	0.210	0.2488	0.065	0.7242	0.131	0.473	0.195	0.2838
Duff depth (mm)	0.228	0.2095	0.152	0.4051	0.246	0.1746	0.267	0.1394