Table S1. Pearson correlation coefficients (under the diagonal) and probabilities (over the diagonal) for soil physicochemical properties measured in the study. In bold, significant probabilities ($p \leq 0.05$). In italics, correlation coefficients for which probabilities are significant.

Soil property	Clay (%)	Sand (%)	pH	C (%)	N (%)	P (mg·kg⁻¹)	Ca (mg·kg⁻¹)	Mg (mg·kg⁻¹)	K (mg·kg⁻¹)	Na (mg·kg⁻¹)	Al (%)	CaCO₃ (%)	CEC (meq·100 g⁻¹)
Clay (%)	-	**0.000**	**0.001**	**0.000**	**0.018**	0.211	0.095	0.083	0.199	0.383	**0.006**	**0.009**	0.959
Sand (%)	*−0.913*	-	**0.002**	**0.000**	**0.022**	0.717	0.245	0.173	0.357	0.699	**0.007**	**0.006**	0.840
pH	*0.744*	*−0.709*	-	**0.000**	**0.002**	**0.047**	**0.012**	**0.024**	0.131	0.198	**0.000**	**0.001**	0.901
C (%)	*−0.846*	*0.829*	*−0.771*	-	**0.028**	0.182	**0.016**	**0.037**	0.084	0.317	**0.019**	**0.011**	0.372
N (%)	*0.582*	*−0.568*	*0.715*	*−0.548*	-	0.113	**0.033**	**0.008**	**0.043**	0.339	**0.004**	**0.002**	0.693
P (mg·kg⁻¹)	−0.331	0.098	*−0.503*	0.352	−0.412	-	**0.023**	0.076	0.142	0.123	0.092	0.271	0.291
Ca (mg·kg⁻¹)	−0.431	0.308	*−0.611*	0.589	−0.534	*0.563*	-	**0.000**	**0.005**	**0.046**	0.072	**0.011**	**0.042**
Mg (mg·kg⁻¹)	−0.446	0.358	*−0.559*	0.525	−0.640	0.455	*0.789*	-	**0.000**	**0.032**	0.059	**0.009**	0.135
K (mg·kg⁻¹)	−0.339	0.247	−0.394	0.446	*−0.512*	0.384	*0.663*	*0.794*	-	**0.005**	0.264	0.086	0.052
Na (mg·kg⁻¹)	−0.234	0.105	−0.340	0.267	−0.256	0.401	*0.504*	0.538	*0.670*	-	0.373	0.383	**0.042**
AL (%)	*0.654*	*−0.645*	*0.858*	*−0.580*	*0.681*	−0.435	−0.461	−0.482	−0.297	−0.239	-	**0.000**	0.542
CaCO₃ (%)	*0.632*	*−0.658*	*0.755*	*−0.618*	*0.723*	−0.293	*−0.618*	*−0.630*	−0.442	−0.234	*0.831*	-	0.930
CEC (meq·100 g⁻¹)	−0.014	−0.055	−0.034	0.239	0.107	0.281	*0.514*	0.390	0.494	*0.513*	0.165	0.024	-