

Table S4. Pearson correlations among soil properties and nutrients concentrations in grasses, legumes and other families. *: significant at level $P < 0.05$; **: significant at level $P < 0.01$.

	pH (H ₂ O)	OM %	N %	C/N	Exchangeable Cations (mol kg ⁻¹)			Ca : Mg	Exchangeabl eA l (mol kg ⁻¹)
					Ca	K	Mg		
Grasses									
(%)									
P									
Ca			0.446*	-0.557**					
Mg							0.515**	-0.547**	
K		0.460*							
Legumes									
(%)									
P								-0.470*	
Ca							-0.411*		
Mg								0.436*	0.408*
K		0.523**				0.451*			
Other									
families									
(%)									
P								-0.474*	
Ca	-0.421*								0.422*
Mg	-0.419*				-0.510**				
K		0.446*				0.472*			