

Table S1. Model-averaged coefficient estimates and standard errors (in parentheses) of environmental predictor variables used to model the mean number of species of amphibians and reptiles found per plot in two habitats, cocoa and forest. No predictor had a significant explanatory power, as in all cases their 90% confidence intervals included zero. Details on how variables were quantified can be found in Appendix S1.

Variables	Amphibians Cocoa	Reptiles Cocoa	Amphibians Forest	Reptiles Forest
(Intercept)	1.882 (0.158)	1.789 (0.151)	1.589 (0.176)	1.811 (0.164)
Humus	0.003 (0.038)	-0.005 (0.041)	0.003 (0.055)	0.003 (0.053)
Canopy height	0.003 (0.038)	0.014 (0.056)	0.029 (0.103)	0.004 (0.052)
Herbs	0.016 (0.052)	0.004 (0.033)	0.008 (0.052)	0.015 (0.062)
Air temperature	0.008 (0.047)	0.007 (0.045)	0.009 (0.055)	-0.012 (0.057)
Litter depth	-0.002 (0.033)	-0.006 (0.04)	-0.033 (0.118)	-0.006 (0.061)
Litter cover	-0.008 (0.084)	0.003 (0.081)	-0.032 (0.091)	-0.056 (0.108)
Trees	-0.029 (0.114)	0.012 (0.085)	-0.002 (0.078)	0.014 (0.088)
Shrubs	0.004 (0.07)	0.014 (0.088)	0.012 (0.051)	0 (0.029)
Logs&lianas	-0.02 (0.061)	-0.003 (0.034)	-0.038 (0.127)	0.005 (0.07)
Illuminance	0.005 (0.036)	-0.017 (0.063)	0.001 (0.044)	0.009 (0.05)
Water bodies	-0.01 (0.051)	-0.003 (0.042)	-0.036 (0.105)	-0.005 (0.048)
Relative humidity	0.003 (0.067)	-0.003 (0.066)	0.005 (0.038)	0.005 (0.037)