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*Supplement of*

## **Edaphic, structural and physiological contrasts across Amazon Basin forest–savanna ecotones suggest a role for potassium as a key modulator of tropical woody vegetation structure and function**

**J. Lloyd et al.**

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PLOT	$\mathcal{V}$	$T_A$ (°C)	$P_A$ (m a <sup>-1</sup> )	$\theta$ (m <sup>3</sup> m <sup>-3</sup> )	$d_R$ $\theta_P$ (m)	pH	clay	sand	Silt	[N] <sub>s</sub> [C] <sub>s</sub> g kg <sup>-1</sup>	[Al] <sub>ex</sub>	[Ca] <sub>ex</sub>	[K] <sub>ex</sub>	[Mg] <sub>ex</sub>	[Na] <sub>ex</sub>	P <sub>extr</sub>	P <sub>resid</sub>	WRB Classification		
		mmol eq <sup>+</sup> kg <sup>-1</sup>															mg kg <sup>-1</sup>			
TUC-01	$\mathcal{F}$	24.8	0.82	0.21	1.4	0.29	6.1	0.18	0.48	0.35	1.22	10.76	0.3	28.2	1.9	18.8	2.3	299.6	237.5	Haplic Cambisol (Hypereutric, Greyic, Siltic)
TUC-03	$\mathcal{S}$	24.7	0.89	0.18	1.0	0.18	6.4	0.04	0.78	0.18	0.54	6.16	0.6	16.4	0.6	4.6	0.1	58.4	50.6	Feralllic Cambisol (Hypereutric)
OTT-01	$\mathcal{F}$	24.6	1.15	0.17	1.9	0.32	5.9	0.10	0.75	0.14	1.15	10.75	0.4	12.2	0.7	4.8	0.1	80.0	143.4	Plinthic Acrisol (Epieutric, Epiarenic)
OTT-02	$\mathcal{S}$	24.6	1.15	0.18	4.0	0.74	5.1	0.19	0.71	0.10	0.49	5.46	2.0	3.3	0.3	1.8	0.1	49.5	50.3	Haplic Ferralsol (Dystric, Xanthic)
OTT-03	$\mathcal{S}$	24.6	1.15	0.18	2.0	0.39	5.2	0.17	0.65	0.18	1.15	15.78	1.0	10.3	0.6	5.2	0.1	67.9	62.2	Umbric Ferralsol (Dystric)
ACU-01	$\mathcal{F}$	24.1	1.27	0.12	2.0	0.24	6.3	0.31	0.49	0.20	1.74	18.48	0.9	15.0	1.2	5.1	0.0	198.6	308.3	Nitic Acrisol (Epieutric, Chromic)
LFB-03	$\mathcal{S}$	24.1	1.44	0.13	1.9	0.25	4.9	0.32	0.50	0.19	0.96	13.69	3.7	0.1	0.3	0.3	0.2	110.7	73.3	Geric Acric Gibbssic Ferralsol (Dystric)
LFB-01	$\mathcal{F}$	23.9	1.46	0.17	4.0	0.68	4.6	0.20	0.74	0.06	0.83	10.85	10.9	0.2	0.7	0.6	0.0	46.6	60.5	Geric Acric Ferralsol (Dystric)
NXV-01	$\mathcal{S}$	25.0	1.50	0.12	1.9	0.23	4.6	0.11	0.85	0.03	0.38	6.07	8.4	1.0	1.0	1.5	0.1	65.5	39.0	Vetic Acric Ferralsol (Alumic, Hyperdystric, Arenic, Xanthic)
NXV-02	$\mathcal{S}$	25.0	1.50	0.15	4.0	0.60	4.5	0.18	0.75	0.07	0.84	12.83	13.6	1.7	1.2	2.3	0.0	88.2	39.2	Vetic Acric Ferralsol (Alumic, Hyperdystric, Epiarenic)
VCR-01	$\mathcal{F}$	25.3	1.51	0.11	4.0	0.45	4.2	0.45	0.47	0.08	1.05	15.92	17.3	1.5	1.7	1.4	0.2	123.3	192.7	Geric Ferralsol (Alumic, Hyperdystric, Clayic, Rhodic)
VCR-02	$\mathcal{F}$	25.2	1.51	0.14	4.0	0.54	4.7	0.24	0.66	0.10	NA	10.61	5.3	3.6	1.1	2.6	0.1	81.1	77.2	Geric Plinthic Ferralsol (Alumic, Hyperdystric, Endoclayic, Rhodic)
SMT-03	$\mathcal{S}$	25.8	1.60	0.14	4.0	0.48	4.8	0.04	0.93	0.03	0.23	3.53	4.9	0.1	0.2	0.1	0.1	25.3	10.7	Hypoluvic Ferralic Arenosol (Hyperdystric)
SMT-01	$\mathcal{S}$	25.8	1.60	0.14	4.0	0.55	4.9	0.06	0.91	0.03	0.25	4.38	4.7	0.1	0.3	0.2	0.1	20.3	10.7	Hypoluvic Ferralic Arenosol (Hyperdystric)
SMT-02	$\mathcal{S}$	25.8	1.60	0.12	4.0	0.55	4.6	0.05	0.91	0.04	0.24	3.92	5.0	0.2	0.4	0.2	0.1	22.4	21.0	Hypoluvic Ferralic Arenosol (Hyperdystric)
FLO-01	$\mathcal{F}$	25.5	1.61	0.14	4.0	0.57	4.2	0.16	0.78	0.06	0.62	9.03	4.3	0.3	0.5	0.4	0.2	51.9	65.1	Geric Ferralsol (Alumic, Hyperdystric, Epiarenic, Rhodic)
TAN-01	$\mathcal{F}$	25.1	1.65	0.11	4.0	0.45	4.1	0.49	0.46	0.05	1.57	25.48	17.2	0.5	0.7	0.9	0.3	89.2	52.3	Hypoluvic Ferralic Arenosol (Hyperdystric)
TAP-123	$\mathcal{F}$	25.9	1.88	0.11	4.0	0.45	3.8	0.66	0.23	0.10	1.20	16.40	17.4	1.7	0.6	1.5	0.3	35.6	43.3	Geric Ferralsol (Alumic, Hyperdystric, Clayic, Xanthic)
TAP-04	$\mathcal{F}$	25.1	1.96	0.11	4.0	0.45	3.8	0.89	0.02	0.08	1.67	23.59	23.3	3.0	2.2	0.7	0.4	67.6	124.6	Typic Ferralsol (Alumic, Hyperdystric, Clayic)
ALC-02	$\mathcal{S}$	26.0	1.97	0.05	4.0	0.21	4.8	0.05	0.91	0.04	0.49	10.24	6.9	0.2	0.3	0.3	0.2	66.9	49.9	Hyperalbic Arenosol (Alumic, Hyperdystric)
ALC-01	$\mathcal{S}$	25.9	2.02	0.05	3.5	0.18	5.1	0.02	0.97	0.01	0.21	4.20	1.6	0.2	0.1	0.2	0.0	24.9	16.7	Hyperalbic Arenosol (Alumic, Hyperdystric)

**Table S1.** Climatic and edaphic characteristics of the study sites(ordered according to mean annual precipitation): Abbreviations used:  $\mathcal{V}$ - Vegetation formation type;  $T_A$  - mean annual temperature;  $P_A$  mean annual precipitation;  $\theta$  – soil water storage capacity (averaged across rooting depth);  $d_R$  – depth of rooting ;  $\theta_P$  – maximum plant available water in soil profile; pH - soil pH, [C]<sub>s</sub> – soil carbon concentration; [N]<sub>s</sub> – soil nitrogen concentration; [ ]<sub>ex</sub> - soil exchangeable cations, [P]<sub>extr</sub> - soil extractable phosphorus pool , [P]<sub>resid</sub> - soil residual phosphorus pool; WRB - World Reference Base. Soil chemical and textural values represent the top 0.3 m of soil. For ease of interpretation forest plots are in black and savanna sites in red. Plots of similar location and climate have been grouped together with either grey or absent shading to easier enable forest-savanna comparisons. Other site details (for example precise co-ordinates and elevation) are provided in the supplementary information of Veenendaal *et al.* (2014).

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03	
Anacardiaceae	<i>Anacardium microcarpum</i>	S	SD	-	-	-	-	-	-	-	-	-	-	6	2	-	-	-	-	-	-	-	-	-	-
Anacardiaceae	<i>Astronium fraxinifolium</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	1	-	-	-	2	
Anacardiaceae	<i>Myracrodruon urundeuva</i>	F	D	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	4	-	-	2	
Anacardiaceae	<i>Tapirira guianensis</i>	S	U	1	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	
Acardiaceae	<i>Tapirira marchandii</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Annona coriacea</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Annonaceae	<i>Ephedranthus parviflorus</i>	F	SD	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Duguetia echinophora</i>	F	U	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annoceae	<i>Duguetia margraviana</i>	F	D	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Annoceae	<i>Ephedranthus parviflorus</i>	F	SD	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Guatteria schomburgkiana</i>	F	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Guatteriaopsis blepharophylla</i>	F	U	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annoceae	<i>Ephedranthus parviflorus</i>	F	SD	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Xylopia amazonica</i>	F	E	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Xylopia aromatica</i>	S	E	-	-	-	-	-	-	-	-	-	-	-	4	-	-	2	-	-	-	-	1	-	
Annonaceae	<i>Xylopia frutescens</i>	F	U	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Annonaceae	<i>Xylopia sericea</i>	S	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	1	
Apocynaceae	<i>Aspidosperma cylindrocarpon</i>	F	D	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Apocynaceae	<i>Aspidosperma desmanthum</i>	F	U	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma discolor</i>	F	SD	-	3	-	-	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma indet</i>	U	U	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma macrocarpon</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma multiflorum</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	
Apocynaceae	<i>Aspidosperma pyrifolium</i>	F	D	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma quirandy</i>	F	U	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma rigidum</i>	F	U	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma sp.</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma subincanum</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	
Apocynaceae	<i>Aspidosperma tomentosum</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1	1	-	
Apocynaceae	<i>Geissospermum sericeum</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Apocynaceae	<i>Himatanthus articulatus</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Apocynaceae	<i>Himatanthus bracteatus</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Apocynaceae	<i>Himatanthus obovatus</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Apocynaceae	<i>Himatanthus sucuba</i>	F	BD	-	1	-	-	-	-	-	-	-	-	7	4	-	-	-	-	-	-	-	-	-	
Arecaceae	<i>Iriartea deltoidea</i>	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bignoniaceae	<i>Handroanthus selachidentatus</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Bignoniaceae	<i>Jacaranda copaia</i>	F	U	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bignoniaceae	<i>Jacaranda indet</i>	U	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Bignoniaceae	<i>Tabebuia aurea</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	6	
Bignoniaceae	<i>Tabebuia impetiginosa</i>	F	D	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Bignoniaceae	<i>Tabebuia nodosa</i>	F	D	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03
Bignoniaceae	<i>Tabebuia ochracea</i>	S	D														2					2	2	
Bignoniaceae	<i>Tabebuia roseoalba</i>	F	D	3																				
Bignoniaceae	<i>Tabebuia serratifolia</i>	F	U									1												
Bignoniaceae	<i>Tabebuia sp</i>	F	U																					
Bignoniaceae	<i>Zeyheria montana</i>	S	U																					1
Bignoniaceae	<i>Ziziphus oblongifolius</i>	F	D								1													
Bixaceae	<i>Bixa arborea</i>	F	U							1														
Bombacaceae	<i>Pseudobombax longiflorum</i>	S	D													2			1					1
Bombacaceae	<i>Pseudobombax margitum</i>	F	D	7																1				
Bombacaceae	<i>Chorisia integrifolia</i>	F	U	2																				
Boraginaceae	<i>Cordia scabrada</i>	F	U						1															
Boraginaceae	<i>Cordia trichotoma</i>	F	D									1												
Brassicaceae	<i>Capparis speciosa</i>	U	U																					
Burseraceae	<i>Protium apiculatum</i>	F	U						2	2														
Burseraceae	<i>Protium heptaphyllum</i>	S	SD						1										1					
Burseraceae	<i>Protium pilosissimum</i>	S	SD		3								1											
Burseraceae	<i>Trattinnickia sp.</i>	F	U					2																
Burseraceae	<i>Protium unifoliolatum</i>	F	U		1																			
Burseraceae	<i>Tetragastris altissima</i>	F	U									3	5											
Burseraceae	<i>Trattinnickia burserifolia</i>	F	U					1																
Burseraceae	<i>Trattinnickia glaziovii</i>	F	U					5																
Cactaceae	<i>Cereus dayamii</i>	F	U								1													
Caryocaraceae	<i>Caryocar brasiliense</i>	S	BD													4	1							
Celastraceae	<i>Cheiloclinium cognatum</i>	F	SD										1											
Celastraceae	<i>Salacia sp.</i>	U	E																					1
Chrysobalanaceae	<i>Couepia grandiflora</i>	S	D																					
Chrysobalanaceae	<i>Hirtella glandulosa</i>	S	E										1						7					
Chrysobalanaceae	<i>Hirtella racemosa</i>	F	E		5																			
Clusiaceae	<i>Kielmeyera coriacea</i>	S	D													1								
Clusiaceae	<i>Kielmeyera rubriflora</i>	S	D															2						
Clusiaceae	<i>Kielmeyera speciosa</i>	S	D															1						
Combretaceae	<i>Buchenavia tomentosa</i>	S	D																				2	
Combretaceae	<i>Combretum spp.</i>	U	U												1									
Combretaceae	<i>Terminalia amazonia</i>	F	U							1														
Combretaceae	<i>Terminalia argentea</i>	S	BD															3	2		2			
Connaraceae	<i>Connarus perrottetii</i>	F	U		2																			
Connaraceae	<i>Connarus suberosus</i>	S	SD															1						2
Connaraceae	<i>Rourea induta</i>	S	U																			1		1
Dilleniaceae	<i>Curatella americana</i>	S	BD													4		2	8			1	1	4
Dilleniaceae	<i>Davilla elliptica</i>	S	BD													2						1		2
Ebenaceae	<i>Diospyros hispida</i>	S	BD																			1	1	2
Elaeocarpaceae	<i>Simira cordifolia</i>	F	D	1																				
Elaeocarpaceae	<i>Sloanea eichleri</i>	F	SD			3																		
Elaeocarpaceae	<i>Sloanea sinemariensis</i>	F	SD		2			2																
Erythroxylaceae	<i>Erythroxylum citrifolium</i>	F	SD		1																			
Erythroxylaceae	<i>Erythroxylum patentissimum</i>	F	D								2													

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03
Erythroxylaceae	<i>Erythroxylum</i> sp.	U	U	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Euphorbiaceae	<i>Alchornea schomburgkii</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Euphorbiaceae	<i>Chaetocarpus echinocarpus</i>	F	E	-	-	-	-	3	-	-	-	-	6	-	-	-	-	-	1	-	-	-	-	-
Euphorbiaceae	<i>Hyeronima oblonga</i>	F	U	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Euphorbiaceae	<i>Mabea fistulifera</i>	F	SD	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Euphorbiaceae	<i>Maprounea guianensis</i>	F	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
Euphorbiaceae	<i>Pera coccinea</i>	F	U	-	3	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Euphorbiaceae	<i>Sapium longifolium</i>	F	U	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Euphorbiaceae	<i>Sapium</i> spp.	U	U	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Abarema mataybifolia</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Acacia tenuifolia</i>	F	D	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Acosmium cardesii</i>	F	E	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Diplotropis purpurea</i>	F	E	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Adenantha colubrina</i>	F	D	2	-	-	3	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Amburana cearensis</i>	F	U	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Andira vermifuga</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Fabaceae	<i>Apuleia leiocarpa</i>	F	U	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Bauhinia rufa</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Fabaceae	<i>Bowdichia virgilioides</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	-
Fabaceae	<i>Caesalpinia pluviosa</i>	F	BD	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Centrolobium microchaete</i>	F	D	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Copaifera duckei</i>	F	U	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Copaifera martii</i>	S	BD	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	1	-	1
Fabaceae	<i>Dalbergia miscolobium</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Dimorphandra mollis</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Fabaceae	<i>Dipteryx alata</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-
Fabaceae	<i>Diptychandra aurantiaca</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-
Fabaceae	<i>Dussia tessmannii</i>	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Enterolobium gummiferum</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Hymenaea courbaril</i>	F	E	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-
Fabaceae	<i>Hymenaea stigonocarpa</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-
Fabaceae	<i>Inga heterophylla</i>	F	E	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Inga microcalyx</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Inga thibaudiana</i>	F	E	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Luetzelburgia praecox</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Fabaceae	<i>Machaerium acutifolium</i>	F	SD	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Machaerium opacum</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Machaerium scleroxylon</i>	F	SD	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Machaerium villosum</i>	F	U	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Ormosia paraensis</i>	F	U	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Peltogyne confertiflora</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Fabaceae	<i>Piptadenia viridiflora</i>	F	U	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Platymiscium pintum</i>	F	U	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Platypodium elegans</i>	F	D	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Poecilanthe effusa</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Pseudopiptadenia psilostachya</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03
Fabaceae	<i>Pterodon emarginatus</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Fabaceae	<i>Pterodon pubescens</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Fabaceae	<i>Samanea tubulosa</i>	U	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Fabaceae	<i>Sclerobium aureum</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-
Fabaceae	<i>Sclerobium chrysophyllum</i>	F	U	-	-	-	-	-	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Sclerobium guianense</i>	F	U	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Sclerobium paniculatum</i>	S	U	-	-	-	-	-	-	-	-	3	-	1	-	-	-	1	-	-	-	-	-	-
Fabaceae	<i>Stryphnodendron adstringens</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Stryphnodendron fissuratum</i>	F	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Fabaceae	<i>Stryphnodendron obovatum</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Fabaceae	<i>Tachigali myrmecophila</i>	F	U	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fabaceae	<i>Vatairea macrocarpa</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
Flacourtiaceae	<i>Bara guianensis</i>	S	U	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Humiriaceae	<i>Sacoglottis guianensis</i>	F	SD	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Icaceae	<i>Emmotum nitens</i>	S	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	5	3	1	-
Lauraceae	<i>Mezilaurus crassiramea</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	3	2	-
Lauraceae	<i>Mezilaurus lindavia</i>	F	U	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Nectandra cuspidata</i>	F	SD	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Nectandra hihua</i>	F	SD	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Nectandra sp.</i>	U	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Ocotea guianensis</i>	F	U	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Ocotea hoehnei</i>	F	U	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lauraceae	<i>Ocotea leucoxydon</i>	F	U	-	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lecythidaceae	<i>Eschweilera albiflora</i>	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lecythidaceae	<i>Eschweilera blanchetia</i>	F	U	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lecythidaceae	<i>Eschweilera odora</i>	F	U	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lecythidaceae	<i>Lecythis lurida</i>	F	U	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loganiaceae	<i>Antonia ovata</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Loganiaceae	<i>Strychnos pseudoquina</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	1	-
Lythraceae	<i>Lafoensia pacari</i>	S	D	-	-	-	-	-	-	-	-	-	-	4	-	1	-	-	-	-	2	-	-	-
Malpighiaceae	<i>Banisteriopsis pubipetala</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Malpighiaceae	<i>Byrsonima basiloba</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Malpighiaceae	<i>Byrsonima chrysophylla</i>	S	U	-	-	-	-	-	-	-	-	-	7	4	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Byrsonima coccolobaefolia</i>	S	BD	-	-	-	-	-	-	-	-	-	4	2	-	1	1	-	-	-	-	1	-	-
Malpighiaceae	<i>Byrsonima crassa</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Malpighiaceae	<i>Byrsonima fagifolia</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Byrsonima intermedia</i>	S	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Byrsonima pachyphylla</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-
Malpighiaceae	<i>Byrsonima verbascifolia</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Malpighiaceae	<i>Heteropterys eglandulosa</i>	F	U	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Licania apetala</i>	F	U	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Licania blackii</i>	F	U	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Licania gardneri</i>	F	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Licania heteromorpha</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malpighiaceae	<i>Licania humilis</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Malpighiaceae	<i>Licania minutiflora</i>	F	U	-	5	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03
Malvaceae	<i>Ceiba insignis</i>	F	D	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvaceae	<i>Ceiba speciosa</i>	F	D	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvaceae	<i>Eriotheca gracilipes</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	1	3	-
Malvaceae	<i>Eriotheca pubescens</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvaceae	<i>Eriotheca roseorum</i>	F	U	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvaceae	<i>Erisma unctum</i>	F	U	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvaceae	<i>Guazuma ulmifolia</i>	F	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Malvaceae	<i>Luehea paniculata</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Malvaceae	<i>Luehea tomentella</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Malvaceae	<i>Lueheopsis duckea</i>	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Bellucia dichotoma</i>	F	U	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Bellucia grossularioides</i>	F	U	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia albicans</i>	S	E	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	1	-	-
Melastomataceae	<i>Miconia chrysophylla</i>	F	E	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia cuspidata</i>	F	E	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia ferrugita</i>	S	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia indet</i>	U	U	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia lepidota</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia pyriformis</i>	F	E	-	1	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Miconia tomentosa</i>	F	E	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Mouriri brachyanthera</i>	F	U	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melastomataceae	<i>Mouriri elliptica</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	4	1	1
Meliaceae	<i>Guarea kunthiana</i>	F	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meliaceae	<i>Trichilia micrantha</i>	F	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meliaceae	<i>Trichilia quadrijugis</i>	F	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meliaceae	<i>Trichilia sp.</i>	U	U	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monimiaceae	<i>Siparuna decipiens</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Brosimum gaudichaudii</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Moraceae	<i>Brosimum paririoides</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Brosimum rubescens</i>	F	SD	-	-	-	-	-	-	-	1	2	5	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Helicostylis pedunculata</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Maclura tinctoria</i>	F	D	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Maquira guianensis</i>	S	D	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Moraceae	<i>Maquira sclerophylla</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Perebea mollis</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Pseudolmedia laevigata</i>	F	U	-	2	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Pseudolmedia laevis</i>	F	U	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Pseudolmedia macrophylla</i>	F	U	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Moraceae	<i>Sahagunia racemifera</i>	F	U	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myristicaceae	<i>Iryanthera laevis</i>	F	U	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myristicaceae	<i>Virola michelii</i>	F	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myristicaceae	<i>Virola sebifera</i>	F	U	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Myrtaceae	<i>Blepharocalyx salicifolius</i>	S	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Family	Species	V	H	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03	
Myrtaceae	<i>Eugenia dysenterica</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-
Myrtaceae	<i>Eugenia gemmiflora</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Myrtaceae	<i>Eugenia omisssa</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Myrtaceae	<i>Myrcia multiflora</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Myrtaceae	<i>Myrcia sellowiana</i>	S	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	2	1	-	-
Myrtaceae	<i>Psidium sartorianum</i>	F	U	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Not known	<i>Unidentified</i>	U	U	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nyctagiceae	<i>Guapira graciliflora</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-
Nyctagiceae	<i>Guapira noxia</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Nyctagiceae	<i>Neea hermaphrodita</i>	F	U	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nyctagiceae	<i>Neea sprucea</i>	F	U	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nyctagiceae	<i>Pisonia zapallo</i>	F	U	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ochnaceae	<i>Ouratea discophora</i>	F	U	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ochnaceae	<i>Ouratea hexasperma</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Ochnaceae	<i>Ouratea spectabilis</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Olacaceae	<i>Minuartia guianensis</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oleaceae	<i>Prigymnthus hasslerianus</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Opiliaceae	<i>Agonandra brasiliensis</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Polygonaceae	<i>Coccoloba mollis</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Polygonaceae	<i>Ruprechtia triflora</i>	F	D	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proteaceae	<i>Euplassa inaequalis</i>	S	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	2	-	-
Proteaceae	<i>Roupala montana</i>	S	SD	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	-	4	2	2	-
Rhamnaceae	<i>Rhamnidium elaeocarpum</i>	F	BD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Rubiaceae	<i>Amaioua guianensis</i>	F	E	-	5	-	-	2	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubiaceae	<i>Calycophyllum multiflorum</i>	F	BD	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubiaceae	<i>Coussarea racemosa</i>	F	U	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubiaceae	<i>Ferdinandusa elliptica</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Rubiaceae	<i>Ferdinandusa rudgeoides</i>	F	U	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubiaceae	<i>Tocoyena formosa</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Salicaceae	<i>Casearia arborea</i>	U	E	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salicaceae	<i>Casearia sylvestris</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Sapindaceae	<i>Astronium urundeuva</i>	S	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapindaceae	<i>Dilodendron bipinatum</i>	S	D	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	2	-
Sapindaceae	<i>Magonia pubescens</i>	S	D	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7	6	-	-	-	4	-
Sapindaceae	<i>Matayba guianensis</i>	S	D	-	-	-	-	4	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-
Sapindaceae	<i>Talisia longifolia</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapindaceae	<i>Talisia sp.</i>	U	U	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Ecclinusa ramiflora</i>	F	U	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Manilkara huberi</i>	F	U	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Micropholis egensis</i>	F	U	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Family	Species	$\mathcal{V}$	$\mathcal{Lh}$	ACU-01	FLO-01	LFB-01	OTT-01	TAN-04	TAP-04	TAP-123	TUC-01	VCR-01	VCR-02	ALC-01	ALC-02	LFB-03	NXV-01	NXV-02	OTT-02	OTT-03	SMT-01	SMT-02	SMT-03	TUC-03	
Sapotaceae	<i>Micropholis venulosa</i>	$\mathcal{F}$	$U$	-	4	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Pouteria caimito</i>	$\mathcal{F}$	$U$	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Pouteria ramiflora</i>	$\mathcal{S}$	$BD$	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	3	3	-
Sapotaceae	<i>Pouteria sp.</i>	$U$	$U$	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapotaceae	<i>Pouteria torta</i>	$\mathcal{F}$	$SD$	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Schoepfiaceae	<i>Schoepfia obliquifolia</i>	$\mathcal{F}$	$E$	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Simaroubaceae	<i>Simaba cedron</i>	$\mathcal{F}$	$U$	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Simaroubaceae	<i>Simarouba amara</i>	$\mathcal{S}$	$SD$	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Styracaceae	<i>Styrax ferrugineus</i>	$\mathcal{S}$	$SD$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ulmaceae	<i>Phyllostylon rhamnoides</i>	$\mathcal{F}$	$D$	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Urticaceae	<i>Pourouma guianensis</i>	$\mathcal{F}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Verbeceae	<i>Vitex triflora</i>	$\mathcal{F}$	$U$	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Violaceae	<i>Rinorea guianensis</i>	$\mathcal{F}$	$U$	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Violaceae	<i>Rinoreocarpus ulei</i>	$\mathcal{F}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vochysiaceae	<i>Qualea grandiflora</i>	$\mathcal{S}$	$D$	-	-	-	-	-	-	-	-	-	-	1	4	-	2	-	-	1	1	2	-	-	-
Vochysiaceae	<i>Qualea multiflora</i>	$\mathcal{S}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-
Vochysiaceae	<i>Qualea paraensis</i>	$\mathcal{F}$	$U$	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vochysiaceae	<i>Qualea parviflora</i>	$\mathcal{S}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
Vochysiaceae	<i>Qualea spp.</i>	$U$	$U$	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
Vochysiaceae	<i>Salvertia convallariodora</i>	$\mathcal{S}$	$SD$	-	-	-	-	-	-	-	-	-	-	6	4	-	1	-	-	-	-	-	-	1	-
Vochysiaceae	<i>Vochysia haenkeana</i>	$\mathcal{S}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Vochysiaceae	<i>Vochysia rufa</i>	$\mathcal{S}$	$SD$	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Vochysiaceae	<i>Vochysia thyrsoidea</i>	$\mathcal{S}$	$U$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vochysiaceae	<i>Vochysia vismiifolia</i>	$\mathcal{F}$	$U$	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table S2.** List of measurement species along with their primary vegetation affiliation ( $\mathcal{V}$ ), leaf habit ( $\mathcal{Lh}$ ) and number of samples taken per plot.  $\mathcal{F}$  = primarily forest affiliated,  $\mathcal{S}$  = primarily savanna affiliated;  $BD$  = brevideciduous,  $D$  = deciduous,  $E$  = evergreen,  $SD$  = semi-deciduous,  $U$  = unknown. Where sampled in the same plot as their primary affiliation, forest trees cells are coloured green and savanna trees coloured light brown. Where sampled in the other  $s$  to which they usually occur, forest trees are coloured blue and savanna trees are coloured maroon. Trees not identified to the species level are cell coloured grey with this also being the case for a few species for which  $\mathcal{V}$  was not known equivocally.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>T</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$	115.1	4.9	23.26
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	25.6	5.7	4.45

**Random effect**

<i>Level 2 variances</i>	<b>Variance component</b>
Plot	295.0
Species	108.1
<i>Level 1 variance</i>	
Residual	1498.6

**Table S3a:** Mixed model predictions for leaf mass per unit area ( $M_a$ :  $\text{g m}^{-2}$ ) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$	21.20	1.05	20.14
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	-2.87	1.08	-2.66

**Random effect**

<i>Level 2 variances</i>	<b>Variance component</b>
Plot	16.06
Species	9.23
<i>Level 1 variance</i>	
Residual	25.02

**Table S3b:** Mixed model predictions for leaf nitrogen per unit dry mass ( $N_m$ :  $\text{mg g}^{-1}$ ) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	475.41	4.94	96.2
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	20.31	7.03	2.89

**Random effect**

<i>Level 2 variances</i>	<b>Variance component</b>
Plot	34.8
Species	590.2
<i>Level 1 variance</i>	
Residual	4547.7

**Table S3c:** Mixed model predictions for leaf carbon per unit dry mass ( $C_m$ :  $\text{mg g}^{-1}$ ) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	0.809	0.043	19.14
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	-0.036	0.049	-0.73

**Random effect**

	<b>Variance component (x 10<sup>3</sup>)</b>
<i>Level 2 variances</i>	
Plot	21.6
Species	2.8
<i>Level 1 variance</i>	
Residual	133.7

**Table S3d:** Mixed model predictions for leaf phosphorus per unit dry mass ( $P_m$ : mg g<sup>-1</sup>) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	8.54	0.88	9.73
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	-2.90	0.99	-2.92

**Random effect**

	<b>Variance component (x 10<sup>3</sup>)</b>
<i>Level 2 variances</i>	
Plot	9.80
Species	6.86
<i>Level 1 variance</i>	
Residual	16.36

**Table S3e:** Mixed model predictions for leaf calcium per unit dry mass ( $Ca_m$ : mg g<sup>-1</sup>) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	7.75	0.64	12.05
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	-3.04	0.73	-4.15

**Random effect**

	<b>Variance component (x 10<sup>3</sup>)</b>
<i>Level 2 variances</i>	
Plot	5.16
Species	4.25
<i>Level 1 variance</i>	
Residual	8.23

**Table S3f:** Mixed model predictions for leaf potassium per unit dry mass ( $K_m$ : mg g<sup>-1</sup>) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	2.91	0.27	10.80
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	-0.61	0.32	-1.94

**Random effect**

<i>Level 2 variances</i>	<b>Variance component</b>
Plot	0.87
Species	0.83
<i>Level 1 variance</i>	
Residual	1.49

**Table S3g:** Mixed model predictions for leaf magnesium per unit dry mass ( $M_{\text{gm}}$ :  $\text{mg g}^{-1}$ ) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect

**Fixed Effect**

<i>Parametric terms</i>	<b>Coefficient</b>	<b>S.E.</b>	<b><i>t</i></b>
$\mu$ = intercept: $\mathcal{F}$ dataset mean, $\langle \mathcal{F} \rangle$ ,	1.42	0.025	56.38
$\alpha$ = savanna - forest difference: $\langle \mathcal{S} \rangle - \langle \mathcal{F} \rangle$	0.09	0.035	2.53

**Random effect**

<i>Level 2 variances</i>	<b>Variance component (<math>\times 10^3</math>)</b>
Plot	3.6
Species	22.1
<i>Level 1 variance</i>	
Residual	21.4

[www.try-db.org](http://www.try-db.org)/Mixed model predictions for leaf construction costs ( $K$ :  $\text{mg g}^{-1}$ ) as in Eqn 4, but with species affiliation ( $\mathcal{a}$ ) treated as a fixed rather than a random effect.

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