

Supplementary Material

Fig. S1 - Principal Component Analysis (PCA) of relations between the sites and soil physical attributes. For analysis: soil humidity (M) and soil bulk density (D) and the soil texture as sand, clay and silt contents, and penetration resistance (PR).

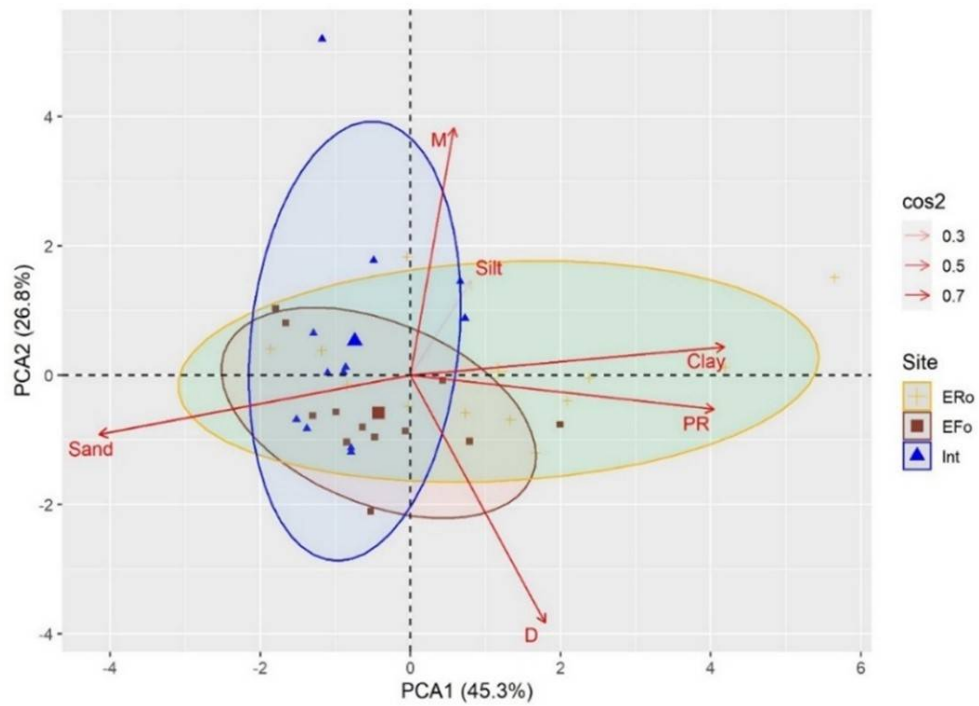
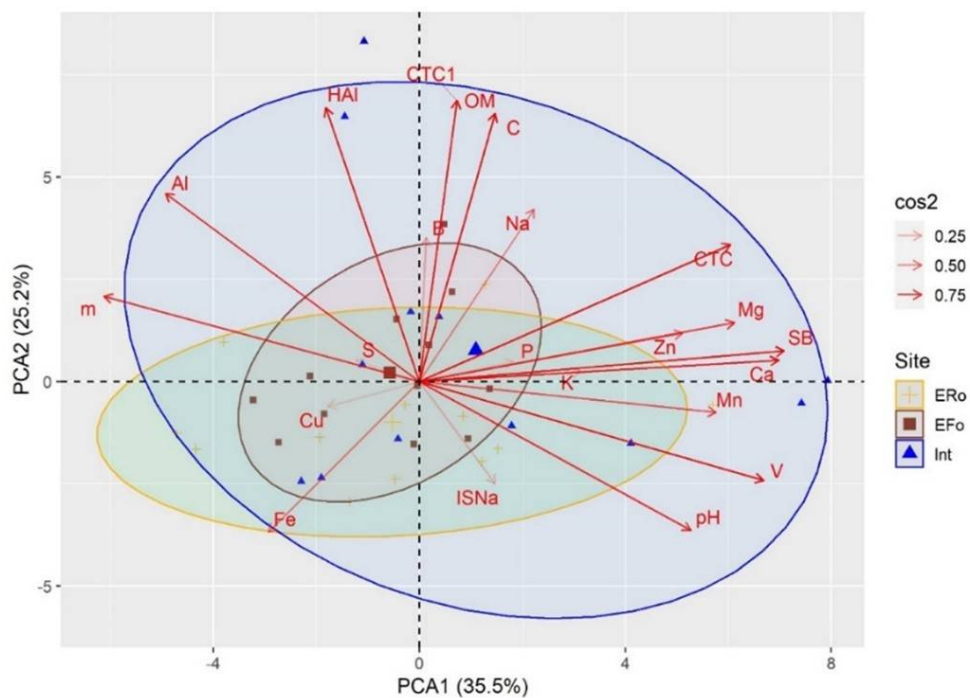


Fig. S2 - Principal Component Analysis (PCA) of relations between the sites and soil chemical attributes. For analysis: available C, P, K, Al, S, Ca, Na, Mg, Fe, Cu, B, Mn, Zn, exchangeable acidity (HAI), pH (H₂O), organic matter (OM), sum of exchangeable bases (SB), aluminum saturation (m), Cation Exchange Capacity (CTC), base saturation (V), sodium saturation index (ISNa), and effective cation exchange capacity (CTC1).



Tab. S1 - The phytosociology analysis of the three sites. Number of individuals (NI), Relative dominance (Rdo), Relative frequency (RF) and relative density (RD). Importance value (IV) of species is also indicated for the three study areas in percentage (%).

Habitat	Species	Family	NI	RDo	RF	RD	IV	IV%
Edge with road	<i>Eugenia astringens</i> Cambess.	Myrtaceae	16	4.44	3.26	4.49	12.19	4.06
	<i>Adenocalymma</i> sp.1	Bignoniaceae	19	3.89	2.79	5.34	12.02	4.01
	<i>Cordia taguahyensis</i> Vell.	Boraginaceae	13	5.01	1.86	3.65	10.52	3.51
	<i>Ecclinusa ramiflora</i> Mart.	Sapotaceae	12	3.77	1.40	3.37	8.53	2.84
	<i>Acanthocladus pulcherrimus</i> (Kuhlm.) J.F.B.Pastore & D.B.O.S.Cardoso	Polygalaceae	9	4.30	0.93	2.53	7.76	2.59
	<i>Swartzia apetala</i> Raddi var. <i>apetala</i>	Fabaceae	8	2.74	2.33	2.25	7.31	2.44
	<i>Myrcia splendens</i> (Sw.) DC.	Myrtaceae	10	1.82	2.33	2.81	6.95	2.32
	<i>Eugenia inversa</i> Sobral	Myrtaceae	12	1.37	1.86	3.37	6.61	2.20
	<i>Licania kunthiana</i> Hook.f.	Chrysobalanaceae	8	2.01	1.86	2.25	6.12	2.04
	<i>Eschweilera ovata</i> (Cambess.) Mart. ex Miers	Lecythidaceae	10	1.74	1.40	2.81	5.94	1.98
	<i>Couepia schottii</i> Fritsch	Chrysobalanaceae	8	2.24	1.40	2.25	5.88	1.96
	<i>Guapira opposita</i> (Vell.) Reitz	Nyctagenaceae	7	1.28	2.33	1.97	5.57	1.86
	<i>Guapira nitida</i> (Mart.ex. J.A.Schmidt) Lundell	Nyctagenaceae	5	2.45	1.40	1.40	5.25	1.75
	<i>Clarisia racemosa</i> Ruiz & Pav.	Moraceae	6	2.14	1.40	1.69	5.22	1.74
	<i>Ocotea glauca</i> (Ness & Mart.) Mez	Lauraceae	6	0.95	2.33	1.69	4.96	1.65
	<i>Sorocea guillemianiana</i> Gaudich.	Moraceae	7	1.51	1.40	1.97	4.87	1.62
	<i>Protium warmingianum</i> Marchand	Burseraceae	5	1.41	1.40	1.40	4.21	1.40
	<i>Protium aracouchini</i> (Aubl.) Marchand	Burseraceae	4	2.06	0.93	1.12	4.11	1.37
	<i>Himatanthus bracteatus</i> (A. DC.) Woodson	Apocynaceae	5	0.75	1.86	1.40	4.01	1.34
	<i>Guarea guidonia</i> (L.) Sleumer	Meliaceae	7	1.42	0.47	1.97	3.85	1.28
	<i>Pera glabrata</i> (Schott) Baill.	Peraceae	3	1.61	1.40	0.84	3.85	1.28
	<i>Psychotria</i> sp.2	Rubiaceae	6	1.13	0.93	1.69	3.75	1.25
	<i>Pogonophora schomburgkiana</i> Miers ex Benth.	Peraceae	3	1.95	0.93	0.84	3.73	1.24
	<i>Myrciaria floribunda</i> (H.West ex Willd.) O.Berg	Myrtaceae	3	2.32	0.47	0.84	3.63	1.21
	<i>Aniba firmula</i> (Nees & Mart.) Mez	Lauraceae	4	1.01	1.40	1.12	3.53	1.18
	<i>Xylopia frutescens</i> Aubl.	Annonaceae	5	1.16	0.93	1.40	3.49	1.16
	<i>Picramnia</i> cf. <i>ciliata</i> Mart.	Picramniaceae	3	1.64	0.93	0.84	3.41	1.14
	<i>Virola gardneri</i> (A.DC.) Warb.	Myristicaceae	3	1.17	1.40	0.84	3.41	1.14
	<i>Tabebuia elliptica</i> (DC.) Sandwith	Bignoniaceae	2	2.22	0.47	0.56	3.25	1.08
	Rubiaceae sp.2	Rubiaceae	2	1.62	0.93	0.56	3.11	1.04
	<i>Tabebuia roseoalba</i> (Ridl.) Sandwith	Bignoniaceae	1	2.23	0.47	0.28	2.98	0.99
	<i>Aspidosperma cylindrocarpon</i> Müll.Arg.	Apocynaceae	3	0.65	1.40	0.84	2.89	0.96
	<i>Protium heptaphyllum</i> (Aubl.) Marchand	Burseraceae	3	0.63	1.40	0.84	2.87	0.96
	<i>Schoepfia brasiliensis</i> A.DC.	Schoepfiaceae	3	0.90	0.93	0.84	2.67	0.89
	<i>Ocotea velutina</i> (Nees) Rohwer	Lauraceae	2	1.13	0.93	0.56	2.62	0.87
	<i>Pera furfuraceae</i> Müll.Arg.	Peraceae	2	1.03	0.93	0.56	2.52	0.84
	<i>Piper corcovadensis</i> (Miq.) C.DC.	Piperaceae	4	0.25	0.93	1.12	2.30	0.77
	<i>Psychotria</i> sp.3	Rubiaceae	1	1.55	0.47	0.28	2.30	0.77
	<i>Macrolobium latifolium</i> Vogel	Fabaceae	1	1.48	0.47	0.28	2.23	0.74
	<i>Pouteria</i> sp.1	Sapotaceae	4	0.57	0.47	1.12	2.16	0.72
	<i>Protium</i> sp.1	Burseraceae	3	0.32	0.93	0.84	2.09	0.70
	<i>Eugenia subterminalis</i> DC.	Myrtaceae	2	0.56	0.93	0.56	2.05	0.68
	<i>Casearia commersoniana</i> Cambess.	Salicaceae	2	0.53	0.93	0.56	2.02	0.67
	<i>Endlicheria glomerata</i> Mez	Lauraceae	2	0.51	0.93	0.56	2.00	0.67
	<i>Ocotea spectabilis</i> (Meisn.) Mez	Lauraceae	4	0.41	0.47	1.12	2.00	0.67
	<i>Coccoloba</i> sp.1	Polygonaceae	4	0.38	0.47	1.12	1.97	0.66
	<i>Ocotea longifolia</i> Kunth	Lauraceae	2	0.47	0.93	0.56	1.96	0.65
	<i>Piper amplum</i> Kunth	Piperaceae	2	0.43	0.93	0.56	1.93	0.64
	<i>Hydrogaster trinervis</i> Kuhlm.	Malvaceae	2	0.89	0.47	0.56	1.92	0.64
	<i>Pterocarpus rohrii</i> Vahl	Fabaceae	2	0.89	0.47	0.56	1.92	0.64
Fabaceae sp.1	Fabaceae	2	0.39	0.93	0.56	1.88	0.63	
<i>Tabernaemontana montana</i> sp.1	Apocynaceae	3	0.57	0.47	0.84	1.88	0.63	
<i>Astronium glaziovii</i> Mattick	Anacardiaceae	2	0.34	0.93	0.56	1.83	0.61	
<i>Guapira hirsuta</i> (Choisy) Lundell	Nyctagenaceae	1	1.08	0.47	0.28	1.82	0.61	
<i>Amaioua guianensis</i> Aubl.	Rubiaceae	1	1.05	0.47	0.28	1.80	0.60	
<i>Piper aduncum</i> L.	Piperaceae	3	0.46	0.47	0.84	1.77	0.59	
Indet. 2	Indeterminate	1	1.02	0.47	0.28	1.76	0.59	

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	<i>Brosimum rubescens</i> Taub.	Moraceae	2	0.26	0.93	0.56	1.76	0.59
	<i>Davilla</i> sp.1	Dilleniaceae	2	0.15	0.93	0.56	1.64	0.55
	<i>Clitoria</i> sp.1	Fabaceae	2	0.14	0.93	0.56	1.63	0.54
	<i>Tabernaemontana salzmännii</i> A.DC.	Apocynaceae	2	0.13	0.93	0.56	1.62	0.54
	<i>Vataireopsis araroba</i> (Aguiar) Ducke	Fabaceae	2	0.12	0.93	0.56	1.61	0.54
	<i>Stephanopodium blanchetianum</i> Baill.	Dichapetalaceae	1	0.82	0.47	0.28	1.57	0.52
	<i>Calyptanthes</i> sp.1	Myrtaceae	2	0.53	0.47	0.56	1.56	0.52
	<i>Caamembeca</i> cf. <i>spectabilis</i> (DC.) J.F.B.Pastore	Polygonaceae	3	0.11	0.47	0.84	1.42	0.47
	<i>Melanoxylon brauna</i> Schott	Fabaceae	2	0.37	0.47	0.56	1.40	0.47
	<i>Virola officinalis</i> Warb.	Myristicaceae	1	0.64	0.47	0.28	1.38	0.46
	<i>Myrcia maximiliana</i> O.Berg	Myrtaceae	1	0.63	0.47	0.28	1.37	0.46
	<i>Eugenia bahiensis</i> DC.	Myrtaceae	1	0.60	0.47	0.28	1.35	0.45
	<i>Margaritopsis</i> sp.1	Rubiaceae	1	0.56	0.47	0.28	1.31	0.44
	<i>Strychnos</i> sp.1	Loganiaceae	1	0.55	0.47	0.28	1.30	0.43
	<i>Eugenia puniceifolia</i> (Kunth) DC.	Myrtaceae	2	0.26	0.47	0.56	1.29	0.43
	Bignoniaceae sp.1	Bignoniaceae	2	0.24	0.47	0.56	1.27	0.42
	<i>Pavonia calyculosa</i> A.St.-Hil. & Naudin	Malvaceae	1	0.51	0.47	0.28	1.26	0.42
	<i>Mollinedia glaziovii</i> Perkins	Monimiaceae	1	0.50	0.47	0.28	1.25	0.42
	<i>Exellodendron gracile</i> (Kuhl.) Prance	Chrysobalanaceae	1	0.49	0.47	0.28	1.24	0.41
	<i>Margaritopsis cymuligera</i> (Müll.Arg.) C.M.Taylor	Rubiaceae	1	0.49	0.47	0.28	1.23	0.41
	<i>Siparuna reginae</i> (Tul.) A.DC.	Siparunaceae	2	0.19	0.47	0.56	1.22	0.41
	<i>Protium catuaba</i> (Soares da Cunha) Daly & P. Fine	Burseraceae	1	0.47	0.47	0.28	1.21	0.40
	<i>Oxandra espiantana</i> (Spruce ex Benth.) Baill.	Annonaceae	1	0.44	0.47	0.28	1.18	0.39
	<i>Micropholis</i> sp.1	Sapotaceae	1	0.41	0.47	0.28	1.15	0.38
	<i>Rinorea bahiensis</i> (Moric.) Kuntze	Violaceae	1	0.39	0.47	0.28	1.14	0.38
	<i>Tabebuia cassinoides</i> (Lam.) DC.	Bignoniaceae	1	0.33	0.47	0.28	1.08	0.36
	<i>Monteverdia schummaniana</i> (Loes.) Biral	Celastraceae	1	0.32	0.47	0.28	1.06	0.35
	Hernandiaceae sp.2	Hernandiaceae	1	0.30	0.47	0.28	1.05	0.35
	<i>Helicostylis tomentosa</i> (Poepp. & Endl.) Rusby	Moraceae	1	0.27	0.47	0.28	1.01	0.34
	<i>Pouteria</i> aff. <i>Durlandii</i>	Sapotaceae	1	0.27	0.47	0.28	1.01	0.34
	Bignoniaceae sp.2	Bignoniaceae	1	0.25	0.47	0.28	0.99	0.33
	Indet. 3	Indeterminate	1	0.23	0.47	0.28	0.98	0.33
	<i>Simarouba amara</i> Aubl.	Simaroubaceae	1	0.21	0.47	0.28	0.95	0.32
	<i>Trichilia lepidota</i> Mart.	Meliaceae	1	0.20	0.47	0.28	0.95	0.32
	<i>Licaria bahiana</i> kurz	Lauraceae	1	0.20	0.47	0.28	0.94	0.31
	<i>Pouteria bullata</i> (S.Moore) Baehni	Sapotaceae	1	0.20	0.47	0.28	0.94	0.31
	<i>Erythroxylum squamatum</i> Sw	Erythroxylaceae	1	0.19	0.47	0.28	0.94	0.31
	<i>Securidaca macrocarpa</i> A.W.Benn.	Polygalaceae	1	0.16	0.47	0.28	0.91	0.30
	<i>Neomitranthes scitctophylla</i> (G.M.Barroso & Peixoto) M.Souza	Myrtaceae	1	0.16	0.47	0.28	0.90	0.30
	<i>Lippia</i> sp.1	Verbanaceae	1	0.16	0.47	0.28	0.90	0.30
	<i>Casearia</i> sp.1	Salicaceae	1	0.15	0.47	0.28	0.90	0.30
	<i>Adenocalymma</i> sp.2	Bignoniaceae	1	0.15	0.47	0.28	0.89	0.30
	<i>Rourea</i> sp.1	Connaraceae	1	0.15	0.47	0.28	0.89	0.30
	<i>Exostyles</i> cf. <i>venusta</i> Schott	Fabaceae	1	0.14	0.47	0.28	0.89	0.30
	Indet. 1	Indeterminate	1	0.13	0.47	0.28	0.88	0.29
	<i>Heteropterys coleoptera</i> A.Juss.	Malpighiaceae	1	0.13	0.47	0.28	0.88	0.29
	<i>Guapira venosa</i> (Choisy) Lundell	Nyctagenaceae	1	0.13	0.47	0.28	0.88	0.29
	<i>Solanum sooretamum</i> Carvalho	Solanaceae	1	0.11	0.47	0.28	0.86	0.29
	<i>Psychotria</i> sp.5	Rubiaceae	1	0.11	0.47	0.28	0.86	0.29
	<i>Melicoccus espiritosantensis</i> Acev.-Rodr.	Sapindaceae	1	0.11	0.47	0.28	0.85	0.28
	<i>Trichilia elegans</i> A.Juss.	Meliaceae	1	0.11	0.47	0.28	0.85	0.28
	<i>Eriotheca macrophylla</i> (K.Schum.) A.Robyns	Malvaceae	1	0.10	0.47	0.28	0.85	0.28
	Hernandiaceae sp.1	Hernandiaceae	1	0.10	0.47	0.28	0.84	0.28
	<i>Eugenia</i> sp.1	Myrtaceae	1	0.08	0.47	0.28	0.83	0.28
	<i>Thyrsodium spruceanum</i> Benth.	Anacardiaceae	1	0.08	0.47	0.28	0.83	0.28
	<i>Parinari excelsa</i> Sabine	Chrysobalanaceae	1	0.08	0.47	0.28	0.82	0.27
	<i>Solanum</i> sp.1	Solanaceae	1	0.08	0.47	0.28	0.82	0.27
	<i>Piptadenia adiantoides</i> (Spreng.) J.F.Macbr.	Fabaceae	1	0.07	0.47	0.28	0.82	0.27
	<i>Machaerium</i> sp.1	Fabaceae	1	0.07	0.47	0.28	0.81	0.27
	<i>Lacistema</i> sp.1	Lacistemaceae	1	0.07	0.47	0.28	0.81	0.27
	<i>Swartzia oblata</i> R.S.Cowan	Fabaceae	1	0.07	0.47	0.28	0.81	0.27
	<i>Abuta selloana</i> Eichler	Menispermaceae	1	0.07	0.47	0.28	0.81	0.27

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	<i>Lacistema robustum</i> Schnizl.	Lacistemaceae	1	0.06	0.47	0.28	0.81	0.27
	<i>Manilkara</i> cf. <i>salzmannii</i> (A.DC.) H.J.Lam	Sapotaceae	1	0.06	0.47	0.28	0.81	0.27
	<i>Piper arboreum</i> Aubl.	Piperaceae	1	0.06	0.47	0.28	0.81	0.27
	<i>Calyptanthus</i> sp.2	Myrtaceae	1	0.06	0.47	0.28	0.80	0.27
	<i>Lauraceae</i> sp.1	Lauraceae	1	0.04	0.47	0.28	0.79	0.26
	<i>Senna</i> sp.1	Fabaceae	1	0.04	0.47	0.28	0.79	0.26
	<i>Eugenia cymatodes</i> O.Berg	Myrtaceae	1	0.04	0.47	0.28	0.79	0.26
	<i>Stylosanthes viscosa</i> (L.) Sw.	Fabaceae	1	0.03	0.47	0.28	0.78	0.26
	<i>Psychotria carthagenensis</i> Jacq.	Rubiaceae	1	0.01	0.47	0.28	0.75	0.25
Edge with Forestry	<i>Cordia taguahyensis</i> Vell.	Boraginaceae	28	3.57	4.17	5.76	13.50	4.50
	<i>Helicostylis tomentosa</i> (Poepp. & Endl.) Rusby	Moraceae	14	3.24	1.74	2.88	7.85	2.62
	<i>Psychotria</i> sp.2	Rubiaceae	21	1.93	1.39	4.32	7.64	2.55
	<i>Guapira venosa</i> (Choisy) Lundell	Nyctagenaceae	9	4.62	1.04	1.85	7.52	2.51
	<i>Sorocea guilleminiana</i> Gaudich.	Moraceae	13	2.71	1.74	2.67	7.13	2.38
	<i>Myrcia amazonica</i> DC.	Myrtaceae	15	2.04	1.74	3.09	6.86	2.29
	<i>Protium heptaphyllum</i> (Aubl.) Marchand	Burseraceae	14	2.26	1.39	2.88	6.53	2.18
	<i>Pausandra morisiana</i> (Casar.) Radlk.	Euphorbiaceae	8	3.46	1.04	1.65	6.15	2.05
	<i>Ecclinusa ramiflora</i> Mart.	Sapotaceae	8	2.50	1.74	1.65	5.88	1.96
	<i>Dialium guianense</i> (Aubl.) Sandwith	Fabaceae	9	2.81	1.04	1.85	5.71	1.90
	<i>Macrolobium latifolium</i> Vogel	Fabaceae	6	3.38	1.04	1.23	5.66	1.89
	<i>Eschweilera ovata</i> (Cambess.) Mart. ex Miers	Lecythydaceae	9	1.46	1.74	1.85	5.05	1.68
	<i>Myrcia sucrei</i> (G. M. Barroso & Peixoto) E. Lucas & C. E. Wilson	Myrtaceae	14	1.21	0.69	2.88	4.78	1.59
	<i>Pogonophora schomburgkiana</i> Miers ex Benth.	Peraceae	8	1.88	1.04	1.65	4.57	1.52
	<i>Piper amplum</i> Kunth	Piperaceae	10	0.74	1.74	2.06	4.53	1.51
	<i>Protium warmingianum</i> Marchand	Burseraceae	5	2.09	1.39	1.03	4.51	1.50
	<i>Pouteria</i> cf. <i>glomerata</i> (Miq.) Radlk.	Sapotaceae	6	0.87	2.08	1.23	4.19	1.40
	<i>Tabernaemontana</i> sp.1	Apocynaceae	7	1.59	1.04	1.44	4.07	1.36
	<i>Eugenia pisiformis</i> Cambess.	Myrtaceae	4	2.04	1.04	0.82	3.90	1.30
	<i>Brosimum rubescens</i> Taub.	Moraceae	8	0.85	1.39	1.65	3.89	1.30
	<i>Clarisia racemosa</i> Ruiz & Pav.	Moraceae	5	1.12	1.39	1.03	3.54	1.18
	<i>Eugenia inversa</i> Sobral	Myrtaceae	5	1.44	1.04	1.03	3.51	1.17
	<i>Rinorea bahiensis</i> (Moric.) Kuntze	Violaceae	6	1.20	1.04	1.23	3.47	1.16
	<i>Palicourea fulgens</i> (Müll.Arg.) Standl.	Rubiaceae	6	1.15	1.04	1.23	3.43	1.14
	<i>Eriotheca macrophylla</i> (K.Schum.) A.Robyns	Malvaceae	4	1.80	0.69	0.82	3.31	1.10
	<i>Pera glabrata</i> (Schott) Baill.	Peraceae	5	0.80	1.39	1.03	3.22	1.07
	<i>Adenocalymma</i> sp.1	Bignoniaceae	8	0.46	1.04	1.65	3.15	1.05
	<i>Eugenia astringens</i> Cambess.	Myrtaceae	5	0.99	1.04	1.03	3.06	1.02
	<i>Cupania racemosa</i> (Vell.) Radlk.	Sapindaceae	4	1.04	1.04	0.82	2.90	0.97
	<i>Swartzia apetala</i> Raddi var. <i>apetala</i>	Fabaceae	4	0.65	1.39	0.82	2.86	0.95
	<i>Coccoloba warmingii</i> Meisn.	Polygonaceae	7	1.02	0.35	1.44	2.80	0.93
	<i>Virola officinalis</i> Warb.	Myristicaceae	4	0.87	1.04	0.82	2.74	0.91
	<i>Guapira hirsuta</i> (Choisy) Lundell	Nyctagenaceae	3	1.39	0.69	0.62	2.70	0.90
	<i>Protium aracouchini</i> (Aubl.) Marchand	Burseraceae	4	0.71	1.04	0.82	2.58	0.86
	<i>Eugenia</i> sp.1	Myrtaceae	7	0.76	0.35	1.44	2.55	0.85
	<i>Pavonia</i> cf. <i>multiflora</i> A.St.-Hil.	Malvaceae	7	0.38	0.69	1.44	2.52	0.84
	<i>Psychotria</i> sp.1	Rubiaceae	5	0.29	1.04	1.03	2.36	0.79
	<i>Micropholis compta</i> Pierre in Urb.	Sapotaceae	3	1.01	0.69	0.62	2.32	0.77
	<i>Andira fraxinifolia</i> Benth.	Fabaceae	2	1.14	0.69	0.41	2.25	0.75
	<i>Picramnia ciliata</i> Mart.	Picramniaceae	2	1.12	0.69	0.41	2.23	0.74
	<i>Rubiaceae</i> sp.3	Rubiaceae	3	0.56	1.04	0.62	2.22	0.74
	<i>Ocotea</i> cf. <i>divaricata</i> (Nees) Mez	Lauraceae	2	1.39	0.35	0.41	2.15	0.72
	<i>Eugenia bahiensis</i> DC.	Myrtaceae	3	0.40	1.04	0.62	2.06	0.69
	<i>Humiriastrum dentatum</i> (Casar.) Cuatrec.	Humiriaceae	2	0.89	0.69	0.41	2.00	0.67
	<i>Pterocarpus rohrii</i> Vahl	Fabaceae	2	0.89	0.69	0.41	2.00	0.67
	<i>Rauia nodosa</i> (Engl.) Kallunki	Rutaceae	3	0.97	0.35	0.62	1.94	0.65
	<i>Geonoma</i> sp.1	Arecaceae	1	1.36	0.35	0.21	1.92	0.64
	<i>Licania kunthiana</i> Hook.f.	Chrysobalanaceae	3	0.19	1.04	0.62	1.85	0.62
	<i>Myrcia</i> sp.1	Myrtaceae	3	0.88	0.35	0.62	1.84	0.61
	<i>Duguetia chrysocarpa</i> Maas	Annonaceae	3	0.52	0.69	0.62	1.84	0.61
	<i>Siparuna reginae</i> (Tul.) A.DC.	Siparunaceae	4	0.30	0.69	0.82	1.81	0.60
	<i>Myrcia splendens</i> (Sw.) DC.	Myrtaceae	3	0.46	0.69	0.62	1.77	0.59
	<i>Ocotea ciliata</i> L.C.S.Assis & Mello-Silva	Lauraceae	2	0.62	0.69	0.41	1.73	0.58

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	<i>Combretum</i> sp.1	Combretaceae	2	0.58	0.69	0.41	1.68	0.56
	<i>Neomitranthes scitctophylla</i> (G.M.Barroso & Peixoto) M.Souza	Myrtaceae	2	0.58	0.69	0.41	1.68	0.56
	<i>Stephanopodium blanchetianum</i> Baill.	Dichapetalaceae	2	0.53	0.69	0.41	1.64	0.55
	<i>Myrciaria floribunda</i> (H.West ex Willd.) O.Berg	Myrtaceae	3	0.32	0.69	0.62	1.63	0.54
	<i>Pouteria</i> sp.2	Sapotaceae	2	0.87	0.35	0.41	1.63	0.54
	<i>Guapira opposita</i> (Vell.) Reitz	Nyctagenaceae	3	0.30	0.69	0.62	1.61	0.54
	<i>Senna affinis</i> (Benth.) H.S.Irwin & Barneby	Fabaceae	2	0.46	0.69	0.41	1.56	0.52
	<i>Eugenia pruinosa</i> D.Legrand	Myrtaceae	2	0.45	0.69	0.41	1.56	0.52
	<i>Meliosma chartacea</i> Lombardi	Sabiaceae	3	0.58	0.35	0.62	1.55	0.52
	<i>Tabernaemontana salzmanni</i> A.DC. Bignoniaceae sp.1	Apocynaceae	2	0.42	0.69	0.41	1.52	0.51
	<i>Bignoniaceae</i> sp.1	Bignoniaceae	3	0.20	0.69	0.62	1.51	0.50
	<i>Vataireopsis araroba</i> (Aguiar) Ducke	Fabaceae	2	0.35	0.69	0.41	1.46	0.49
	<i>Myrcia</i> cf. <i>multiflora</i> (Lam.) DC.	Myrtaceae	2	0.26	0.69	0.41	1.37	0.46
	<i>Carpotroche brasiliensis</i> (Raddi) A Gray	Achariaceae	2	0.25	0.69	0.41	1.36	0.45
	<i>Protium</i> sp.1	Burseraceae	2	0.23	0.69	0.41	1.34	0.45
	<i>Pouteria bangii</i> (Rusby) T.D.Penn.	Sapotaceae	2	0.22	0.69	0.41	1.33	0.44
	<i>Exelodendron gracile</i> (Kuhl.) Prance	Chrysobalanaceae	1	0.77	0.35	0.21	1.32	0.44
	<i>Miconia</i> sp.1	Melastomataceae	1	0.75	0.35	0.21	1.31	0.44
	<i>Piper arboreum</i> var. <i>falcifolium</i> (Trel.) Yunck.	Piperaceae	4	0.11	0.35	0.82	1.28	0.43
	<i>Guapira nitida</i> (Mart.ex. J.A.Schmidt) Lundell	Nyctagenaceae	1	0.73	0.35	0.21	1.28	0.43
	<i>Ocotea glauca</i> (Ness & Mart.) Mez	Lauraceae	2	0.12	0.69	0.41	1.23	0.41
	<i>Astronium graveolens</i> Jacq.	Anacardiaceae	1	0.67	0.35	0.21	1.22	0.41
	<i>Ocotea nutans</i> (Nees) Mez	Lauraceae	2	0.11	0.69	0.41	1.22	0.41
	<i>Aniba firmula</i> (Nees & Mart.) Mez	Lauraceae	2	0.09	0.69	0.41	1.20	0.40
	<i>Hyeronima oblonga</i> (Tul.) Müll.Arg.	Phyllanthaceae	1	0.64	0.35	0.21	1.19	0.40
	<i>Arecaceae</i> sp.2	Arecaceae	1	0.63	0.35	0.21	1.19	0.40
	<i>Eugenia</i> cf. <i>melanogyna</i> (D.Legrand) Sobral	Myrtaceae	1	0.63	0.35	0.21	1.18	0.39
	<i>Aspidosperma</i> sp.1	Apocynaceae	2	0.42	0.35	0.41	1.18	0.39
	<i>Ocotea velutina</i> (Nees) Rohwer	Lauraceae	2	0.41	0.35	0.41	1.17	0.39
	<i>Psychotria</i> sp.4	Rubiaceae	2	0.04	0.69	0.41	1.14	0.38
	<i>Heteropterys coleoptera</i> A.Juss.	Malpighiaceae	2	0.38	0.35	0.41	1.13	0.38
	<i>Schoepfia brasiliensis</i> A.DC.	Schoepfiaceae	3	0.16	0.35	0.62	1.12	0.37
	<i>Jacaratia heptaphylla</i> (Vell.) A.DC.	Caricaceae	1	0.56	0.35	0.21	1.11	0.37
	<i>Brosimum glaucum</i> Taub.	Moraceae	1	0.55	0.35	0.21	1.10	0.37
	<i>Picramnia</i> cf. <i>ciliata</i> Mart.	Picramniaceae	1	0.55	0.35	0.21	1.10	0.37
	<i>Xylopia frutescens</i> Aubl.	Annonaceae	2	0.33	0.35	0.41	1.09	0.36
	<i>Calyptanthus</i> cf. <i>brasiliensis</i> Spreng.	Myrtaceae	2	0.26	0.35	0.41	1.02	0.34
	<i>Lacistema</i> sp.1	Lacistemaceae	1	0.42	0.35	0.21	0.97	0.32
	<i>Ocotea spectabilis</i> (Meisn.) Mez	Lauraceae	1	0.40	0.35	0.21	0.95	0.32
	<i>Thyrsodium spruceanum</i> Benth.	Anacardiaceae	1	0.39	0.35	0.21	0.94	0.31
	Indet. 5	Indeterminate	1	0.38	0.35	0.21	0.93	0.31
	<i>Pouteria coelomatica</i> Rizzini	Sapotaceae	1	0.38	0.35	0.21	0.93	0.31
	<i>Rubiaceae</i> sp.1	Rubiaceae	1	0.35	0.35	0.21	0.91	0.30
	<i>Hydrogaster trinervis</i> Kuhl.	Malvaceae	1	0.32	0.35	0.21	0.88	0.29
	<i>Parinari brasiliensis</i> (Schott) Hook.f.	Chrysobalanaceae	1	0.30	0.35	0.21	0.85	0.28
	<i>Rubiaceae</i> sp.4	Rubiaceae	1	0.29	0.35	0.21	0.85	0.28
	<i>Plinia</i> sp.1	Myrtaceae	1	0.29	0.35	0.21	0.84	0.28
	<i>Inga edulis</i> Mart.	Fabaceae	2	0.08	0.35	0.41	0.84	0.28
	<i>Guarea guidonia</i> (L.) Sleumer	Meliaceae	1	0.27	0.35	0.21	0.83	0.28
	<i>Lacistema robustum</i> Schnizl.	Lacistemaceae	1	0.27	0.35	0.21	0.83	0.28
	Indet. 7	Indeterminate	1	0.25	0.35	0.21	0.80	0.27
	<i>Margaritopsis cymuligera</i> (Müll.Arg.) C.M.Taylor	Rubiaceae	1	0.25	0.35	0.21	0.80	0.27
	<i>Mollinedia oligantha</i> Perkins	Monimiaceae	1	0.24	0.35	0.21	0.79	0.26
	<i>Maytenus</i> sp.1	Celastraceae	1	0.22	0.35	0.21	0.77	0.26
	<i>Zollernia</i> cf. <i>magnifica</i> A.M.Carvalho & Barneby	Fabaceae	1	0.21	0.35	0.21	0.77	0.26
	<i>Pouteria durlandii</i> (Standl.) Baehni	Sapotaceae	1	0.21	0.35	0.21	0.76	0.25
	<i>Manilkara elata</i> (Allemão ex Miq.) Monach.	Sapotaceae	1	0.21	0.35	0.21	0.76	0.25
	<i>Virola gardneri</i> (A.DC.) Warb.	Myristicaceae	1	0.20	0.35	0.21	0.76	0.25
	<i>Tabebuia elliptica</i> (DC.) Sandwith	Bignoniaceae	1	0.20	0.35	0.21	0.75	0.25
	<i>Sapotaceae</i> sp.1	Sapotaceae	1	0.19	0.35	0.21	0.75	0.25
	<i>Bignoniaceae</i> sp.2	Bignoniaceae	1	0.19	0.35	0.21	0.74	0.25
	<i>Plinia</i> cf. <i>phitrantha</i> (Kiaersk.) Sobral	Myrtaceae	1	0.19	0.35	0.21	0.74	0.25

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	Indet. 4	Indeterminate	1	0.17	0.35	0.21	0.72	0.24
	<i>Protium</i> sp.3	Burseraceae	1	0.16	0.35	0.21	0.72	0.24
	<i>Solanum sooretamum</i> Carvalho	Solanaceae	1	0.16	0.35	0.21	0.71	0.24
	<i>Posoqueria latifolia</i> (Rudge) Schult.	Rubiaceae	1	0.16	0.35	0.21	0.71	0.24
	<i>Trichilia elegans</i> subsp. <i>richardiana</i> (A.Juss.) T.D.Penn.	Meliaceae	1	0.15	0.35	0.21	0.71	0.24
	<i>Guatteria australis</i> A.St.-Hil.	Annonaceae	1	0.15	0.35	0.21	0.71	0.24
	Indet. 6	Indeterminate	1	0.15	0.35	0.21	0.71	0.24
	<i>Licaria bahiana</i> kurz	Lauraceae	1	0.15	0.35	0.21	0.71	0.24
	Indet. 8	Indeterminate	1	0.15	0.35	0.21	0.70	0.23
	<i>Parapiptadenia</i> cf. <i>ilheusana</i> G.P.Lewis	Fabaceae	1	0.13	0.35	0.21	0.68	0.23
	<i>Pavonia</i> sp.1	Malvaceae	1	0.12	0.35	0.21	0.68	0.23
	<i>Myrcia vittoriana</i> Kiaersk.	Myrtaceae	1	0.12	0.35	0.21	0.68	0.23
	<i>Mendoncia velloziana</i> Mart.	Acanthaceae	1	0.11	0.35	0.21	0.66	0.22
	<i>Alibertia</i> sp.1	Rubiaceae	1	0.11	0.35	0.21	0.66	0.22
	<i>Picramnia</i> sp.1	Picramniaceae	1	0.11	0.35	0.21	0.66	0.22
	<i>Lecythis lanceolata</i> Poir.	Lecythidaceae	1	0.10	0.35	0.21	0.65	0.22
	<i>Handroanthus heptaphyllus</i> (Vell.) Mattos	Bignoniaceae	1	0.09	0.35	0.21	0.65	0.22
	<i>Inga</i> sp.1	Fabaceae	1	0.09	0.35	0.21	0.64	0.21
	<i>Swartzia simplex</i> var. <i>grandiflora</i> (Raddi) R.S.Cowan	Fabaceae	1	0.08	0.35	0.21	0.63	0.21
	<i>Protium</i> sp.2	Burseraceae	1	0.08	0.35	0.21	0.63	0.21
	<i>Arecaceae</i> sp.1	Arecaceae	1	0.07	0.35	0.21	0.62	0.21
	<i>Quararibea penduliflora</i> (A.St.-Hil.) K.Schum.	Malvaceae	1	0.07	0.35	0.21	0.62	0.21
	<i>Myrtaceae</i> sp. 1	Myrtaceae	1	0.07	0.35	0.21	0.62	0.21
	<i>Trichilia elegans</i> A.Juss.	Meliaceae	1	0.07	0.35	0.21	0.62	0.21
	<i>Psychotria carthagenensis</i> Jacq.	Rubiaceae	1	0.07	0.35	0.21	0.62	0.21
	<i>Brosimum guianense</i> (Aubl.) Huber	Moraceae	1	0.06	0.35	0.21	0.62	0.21
	<i>Casearia</i> cf. <i>hirsuta</i> Sw.	Salicaceae	1	0.06	0.35	0.21	0.62	0.21
	<i>Tapirira guianensis</i> Aubl.	Anacardiaceae	1	0.06	0.35	0.21	0.62	0.21
	<i>Trichilia lepidota</i> subsp. <i>schumanniana</i> (Harms) Pennington	Meliaceae	1	0.06	0.35	0.21	0.61	0.20
	<i>Pera anisotricha</i> Müll. Arg.	Peraceae	1	0.06	0.35	0.21	0.61	0.20
	<i>Licaria guianensis</i> Aubl.	Lauraceae	1	0.05	0.35	0.21	0.61	0.20
	<i>Aspidosperma cylindrocarpon</i> Müll.Arg.	Apocynaceae	1	0.05	0.35	0.21	0.61	0.20
	<i>Cordia</i> sp.1	Boraginaceae	1	0.05	0.35	0.21	0.61	0.20
	<i>Eugenia</i> sp.2	Myrtaceae	1	0.05	0.35	0.21	0.60	0.20
	<i>Eugenia puniceifolia</i> (Kunth) DC.	Myrtaceae	1	0.05	0.35	0.21	0.60	0.20
	<i>Heteropterys nitida</i> (Lam.) DC.	Malpighiaceae	1	0.05	0.35	0.21	0.60	0.20
	<i>Licania heteromorpha</i> Benth. var. <i>heteromorpha</i>	Chrysobalanaceae	1	0.05	0.35	0.21	0.60	0.20
	<i>Solanum</i> sp.1	Solanaceae	1	0.04	0.35	0.21	0.60	0.20
	<i>Ocotea</i> cf. <i>kostermanniana</i> Vattimo-Gil	Lauraceae	1	0.04	0.35	0.21	0.59	0.20
	<i>Piperaceae</i> sp.1	Piperaceae	1	0.04	0.35	0.21	0.59	0.20
	<i>Annona dolabripetala</i> Raddi	Annonaceae	1	0.04	0.35	0.21	0.59	0.20
	<i>Apocynaceae</i> sp.1	Apocynaceae	1	0.01	0.35	0.21	0.57	0.19
	<i>Casearia commersoniana</i> Cambess.	Salicaceae	1	0.01	0.35	0.21	0.56	0.19
Interior	<i>Dialium guianense</i> (Aubl.) Sandwith	Fabaceae	5	15.35	1.99	1.59	18.93	6.31
	<i>Pogonophora schomburgkiana</i> Miers ex Benth.	Peraceae	23	7.89	3.48	7.32	18.70	6.23
	<i>Protium heptaphyllum</i> (Aubl.) Marchand	Burseraceae	29	3.08	5.47	9.24	17.79	5.93
	<i>Cordia taguahyensis</i> Vell.	Boraginaceae	17	7.66	3.48	5.41	16.55	5.52
	<i>Clitoria</i> sp.1	Fabaceae	21	3.08	4.98	6.69	14.75	4.92
	<i>Pouteria bangii</i> (Rusby) T.D.Penn.	Sapotaceae	24	3.44	2.49	7.64	13.57	4.52
	<i>Solanum sooretamum</i> Carvalho	Solanaceae	10	3.66	2.49	3.18	9.33	3.11
	<i>Eschweilera ovata</i> (Cambess.) Mart. ex Miers	Lecythidaceae	6	2.97	2.49	1.91	7.37	2.46
	<i>Pausandra morisiana</i> (Casar.) Radlk.	Euphorbiaceae	5	3.31	1.99	1.59	6.89	2.30
	<i>Ocotea glauca</i> (Ness & Mart.) Mez	Lauraceae	4	2.51	1.99	1.27	5.77	1.92
	<i>Adenocalymma bracteatum</i> (Cham.) DC.	Bignoniaceae	6	2.29	1.49	1.91	5.69	1.90
	<i>Machaerium</i> sp.1	Fabaceae	5	1.29	2.49	1.59	5.37	1.79
	<i>Couepia schottii</i> Fritsch	Chrysobalanaceae	4	2.24	1.49	1.27	5.00	1.67
	<i>Thyrsodium spruceanum</i> Benth.	Anacardiaceae	5	1.32	1.99	1.59	4.90	1.63
	<i>Eugenia inversa</i> Sobral	Myrtaceae	4	1.44	1.49	1.27	4.21	1.40
	<i>Clarisia racemosa</i> Ruiz & Pav.	Moraceae	4	1.82	1.00	1.27	4.09	1.36
	<i>Guapira venosa</i> (Choisy) Lundell	Nyctagenaceae	3	2.04	1.00	0.96	3.99	1.33
	<i>Xylopia frutescens</i> Aubl.	Annonaceae	4	1.17	1.49	1.27	3.94	1.31
	<i>Ischnosiphon gracilis</i> (Rudge) Körn.	Marantaceae	5	0.61	1.49	1.59	3.69	1.23
	<i>Sorocea guilleminiana</i> Gaudich.	Moraceae	3	1.21	1.00	0.96	3.16	1.05

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	<i>Inga edulis</i> Mart.	Fabaceae	4	0.87	1.00	1.27	3.14	1.05
	<i>Aspidosperma cylindrocarpon</i> Müll.Arg.	Apocynaceae	5	0.99	0.50	1.59	3.08	1.03
	<i>Sparattosperma leucanthum</i> (Vell.) K.Schum.	Bignoniaceae	2	1.32	1.00	0.64	2.95	0.98
	<i>Tapirira guianensis</i> Aubl.	Anacardiaceae	3	0.41	1.49	0.96	2.86	0.95
	<i>Eugenia astringens</i> Cambess.	Myrtaceae	4	0.54	1.00	1.27	2.81	0.94
	<i>Licania kunthiana</i> Hook.f.	Chrysobalanaceae	2	0.92	1.00	0.64	2.55	0.85
	<i>Myrcia splendens</i> (Sw.) DC.	Myrtaceae	2	0.88	1.00	0.64	2.52	0.84
	<i>Eugenia bahiensis</i> DC.	Myrtaceae	2	0.83	1.00	0.64	2.46	0.82
	<i>Guapira hirsuta</i> (Choisy) Lundell	Nyctagenaceae	2	0.74	1.00	0.64	2.37	0.79
	<i>Pouteria cf. glomerata</i> (Miq.) Radlk.	Sapotaceae	3	0.42	1.00	0.96	2.37	0.79
	<i>Niendenzuella cf. lucida</i> (A.Juss.) W.R.Anderson	Malpighiaceae	5	0.28	0.50	1.59	2.36	0.79
	<i>Stephanopodium blanchetianum</i> Baill.	Dichapetalaceae	1	1.54	0.50	0.32	2.35	0.78
	<i>Schefflera morototoni</i> (Aubl.) Maguire et al.	Araliaceae	2	0.62	1.00	0.64	2.25	0.75
	<i>Schoepfia brasiliensis</i> A.DC.	Schoepfiaceae	2	0.61	1.00	0.64	2.24	0.75
	<i>Aspidosperma</i> sp.1	Apocynaceae	2	0.43	1.00	0.64	2.06	0.69
	<i>Ocotea</i> sp.2	Lauraceae	2	0.19	1.00	0.64	1.82	0.61
	<i>Annona acutiflora</i> Mart.	Annonaceae	1	1.00	0.50	0.32	1.82	0.61
	Indet. 13	Indeterminate	3	0.36	0.50	0.96	1.81	0.60
	<i>Helicostylis tomentosa</i> (Poepp. & Endl.) Rusby	Moraceae	1	0.97	0.50	0.32	1.79	0.60
	<i>Ocotea ciliata</i> L.C.S.Assis & Mello-Silva	Lauraceae	1	0.95	0.50	0.32	1.77	0.59
	<i>Pouteria cf. samborae</i> Alves-Araújo & Mônico	Sapotaceae	1	0.90	0.50	0.32	1.72	0.57
	<i>Pleontoma</i> sp.1	Bignoniaceae	2	0.08	1.00	0.64	1.71	0.57
	<i>Piper corcovadensis</i> (Miq.) C.DC.	Piperaceae	1	0.88	0.50	0.32	1.69	0.56
	<i>Davilla</i> sp.1	Dilleniaceae	2	0.04	1.00	0.64	1.67	0.56
	<i>Swartzia simplex</i> var. <i>continentalis</i> Urb.	Fabaceae	1	0.75	0.50	0.32	1.56	0.52
	<i>Viola officinalis</i> Warb.	Myristicaceae	1	0.74	0.50	0.32	1.55	0.52
	<i>Trichilia lepidota</i> Mart.	Meliaceae	2	0.38	0.50	0.64	1.51	0.50
	Indet. 11	Indeterminate	1	0.69	0.50	0.32	1.50	0.50
	<i>Inga subnuda</i> subsp. <i>luschnathiana</i> (Benth.) T.D.Penn.	Fabaceae	1	0.68	0.50	0.32	1.50	0.50
	<i>Caryocar edule</i> Casar.	Caryocaraceae	1	0.68	0.50	0.32	1.49	0.50
	<i>Licania</i> sp.1	Chrysobalanaceae	1	0.67	0.50	0.32	1.48	0.49
	<i>Margaritopsis cymuligera</i> (Müll.Arg.) C.M.Taylor	Rubiaceae	1	0.60	0.50	0.32	1.41	0.47
	<i>Protium</i> sp.1	Burseraceae	2	0.23	0.50	0.64	1.36	0.45
	<i>Pouteria bullata</i> (S.Moore) Baehni	Sapotaceae	1	0.49	0.50	0.32	1.31	0.44
	Myrtaceae sp. 2	Myrtaceae	2	0.14	0.50	0.64	1.27	0.42
	<i>Brosimum rubescens</i> Taub.	Moraceae	1	0.41	0.50	0.32	1.23	0.41
	<i>Tabernaemontana</i> sp.1	Apocynaceae	1	0.41	0.50	0.32	1.23	0.41
	<i>Aspidosperma ramiflorum</i> Müll.Arg.	Apocynaceae	1	0.34	0.50	0.32	1.16	0.39
	<i>Andira fraxinifolia</i> Benth.	Fabaceae	1	0.33	0.50	0.32	1.15	0.38
	<i>Micropholis gardneriana</i> (A.DC.) Pierre	Sapotaceae	1	0.33	0.50	0.32	1.15	0.38
	<i>Pseudoxandra spiritus-sancti</i> Maas	Annonaceae	1	0.31	0.50	0.32	1.13	0.38
	<i>Siparunaceae</i> sp.1	Siparunaceae	1	0.30	0.50	0.32	1.12	0.37
	<i>Piper amplum</i> Kunth	Piperaceae	1	0.28	0.50	0.32	1.10	0.37
	<i>Pouteria caimito</i> (Ruiz & Pav.) Radlk.	Sapotaceae	1	0.28	0.50	0.32	1.10	0.37
	<i>Guarea guidonia</i> (L.) Sleumer	Meliaceae	1	0.27	0.50	0.32	1.09	0.36
	<i>Ocotea spectabilis</i> (Meisn.) Mez	Lauraceae	1	0.27	0.50	0.32	1.09	0.36
	<i>Maprounea guianensis</i> Aubl.	Euphorbiaceae	1	0.27	0.50	0.32	1.08	0.36
	<i>Myrciaria ferruginea</i> O.Berg	Myrtaceae	1	0.26	0.50	0.32	1.08	0.36
	<i>Brosimum glaucum</i> Taub.	Moraceae	1	0.24	0.50	0.32	1.06	0.35
	<i>Psychotria carthagenensis</i> Jacq.	Rubiaceae	1	0.24	0.50	0.32	1.06	0.35
	<i>Psychotria</i> sp.1	Rubiaceae	1	0.24	0.50	0.32	1.06	0.35
	<i>Adenocalymma</i> sp.1	Bignoniaceae	1	0.21	0.50	0.32	1.03	0.34
	<i>Ocotea longifolia</i> Kunth	Lauraceae	1	0.21	0.50	0.32	1.02	0.34
	<i>Coccoloba</i> sp.2	Polygonaceae	1	0.21	0.50	0.32	1.02	0.34
	<i>Psychotria stachyoides</i> Benth.	Rubiaceae	1	0.20	0.50	0.32	1.02	0.34
	<i>Exellodendron gracile</i> (Kuhl.) Prance	Chrysobalanaceae	1	0.18	0.50	0.32	1.00	0.33
	<i>Aspidosperma</i> sp.2	Apocynaceae	1	0.17	0.50	0.32	0.99	0.33
	<i>Calyptanthus cf. brasiliensis</i> Spreng.	Myrtaceae	1	0.17	0.50	0.32	0.98	0.33
	<i>Trichilia</i> sp.1	Meliaceae	1	0.16	0.50	0.32	0.98	0.33
	<i>Sloanea</i> sp.1	Elaeocarpaceae	1	0.16	0.50	0.32	0.97	0.32
	<i>Hyeronima oblonga</i> (Tul.) Müll.Arg.	Phyllanthaceae	1	0.15	0.50	0.32	0.97	0.32
	<i>Picramnia sellowii</i> Planch.	Picramniaceae	1	0.15	0.50	0.32	0.96	0.32
	<i>Trigonia nivea</i> var. <i>pubescens</i> Cambess.	Trigoniaceae	1	0.14	0.50	0.32	0.95	0.32

Habitat	Species	Family	NI	RD ₀	RF	RD	IV	IV%
	<i>Duguetia chrysocarpa</i> Maas	Annonaceae	1	0.13	0.50	0.32	0.95	0.32
	<i>Trichilia</i> sp.2	Meliaceae	1	0.13	0.50	0.32	0.94	0.31
	<i>Piper arboreum</i> Aubl.	Piperaceae	1	0.12	0.50	0.32	0.94	0.31
	<i>Eugenia</i> sp.3	Myrtaceae	1	0.11	0.50	0.32	0.93	0.31
	<i>Casearia</i> sp.1	Salicaceae	1	0.11	0.50	0.32	0.92	0.31
	<i>Sorocea hilarii</i> Gaudich.	Moraceae	1	0.10	0.50	0.32	0.91	0.30
	<i>Inga thibaudiana</i> DC. subsp. <i>Thibaudiana</i>	Fabaceae	1	0.09	0.50	0.32	0.91	0.30
	<i>Brosimum</i> sp.1	Moraceae	1	0.09	0.50	0.32	0.90	0.30
	<i>Astronium glaziovii</i> Mattick	Anacardiaceae	1	0.08	0.50	0.32	0.90	0.30
	<i>Pogonophora</i> sp.1	Peraceae	1	0.07	0.50	0.32	0.89	0.30
	<i>Davilla</i> sp.2	Dilleniaceae	1	0.07	0.50	0.32	0.89	0.30
	<i>Manilkara elata</i> (Allemão ex Miq.) Monach.	Sapotaceae	1	0.07	0.50	0.32	0.89	0.30
	<i>Mendoncia Velloziana</i> Mart.	Acanthaceae	1	0.06	0.50	0.32	0.88	0.29
	<i>Miconia</i> cf. <i>cinnamomifolia</i> (DC.) Naudin	Melastomataceae	1	0.06	0.50	0.32	0.88	0.29
	<i>Swartzia apetala</i> Raddi var. <i>apetala</i>	Fabaceae	1	0.06	0.50	0.32	0.88	0.29
	Indet. 10	Indeterminate	1	0.06	0.50	0.32	0.87	0.29
	<i>Himatanthus bracteatus</i> (A. DC.) Woodson	Apocynaceae	1	0.06	0.50	0.32	0.87	0.29
	<i>Senna affinis</i> (Benth.) H.S.Irwin & Barneby	Fabaceae	1	0.06	0.50	0.32	0.87	0.29
	<i>Kielmeyera</i> cf. <i>occhioniana</i> Saddi	Calophyllaceae	1	0.05	0.50	0.32	0.87	0.29
	<i>Ocotea</i> sp.1	Lauraceae	1	0.05	0.50	0.32	0.87	0.29
	Indet. 9	Indeterminate	1	0.04	0.50	0.32	0.86	0.29
	<i>Cordia</i> sp.2	Boraginaceae	1	0.04	0.50	0.32	0.86	0.29
	Malpighiaceae sp.1	Malpighiaceae	1	0.04	0.50	0.32	0.85	0.28
	<i>Machaerium</i> sp.2	Fabaceae	1	0.04	0.50	0.32	0.85	0.28
	Indet. 12	Indeterminate	1	0.03	0.50	0.32	0.85	0.28
	Indet. 14	Indeterminate	1	0.03	0.50	0.32	0.85	0.28
	<i>Prestonia</i> sp.1	Apocynaceae	1	0.03	0.50	0.32	0.84	0.28
	<i>Mansoa difficilis</i> (Cham.) Bureau & K.Schum.	Bignoniaceae	1	0.02	0.50	0.32	0.84	0.28
	<i>Dalechampia</i> sp.1	Euphorbiaceae	1	0.02	0.50	0.32	0.83	0.28
	Euphorbiaceae sp.1	Euphorbiaceae	1	0.01	0.50	0.32	0.82	0.27

Tab. S2 - List of abbreviations of the species used in the CCA analysis.

Species	Abbreviation
<i>Abuta selloana</i> Eichler	Abu.se
<i>Acanthocladius pulcherrimus</i> (Kuhlm.) J.F.B.Pastore & D.B.O.S.Cardoso	Aca.pu
<i>Adenocalymma bracteatum</i> (Cham.) DC.	Ade.br
<i>Adenocalymma</i> sp.1	Ade.sp1
<i>Adenocalymma</i> sp.2	Ade.sp2
<i>Alibertia</i> sp.1	Ali.sp
<i>Amaioua guianensis</i> Aubl.	Ama.gu
<i>Andira fraxinifolia</i> Benth.	And.fr
<i>Aniba firmula</i> (Nees & Mart.) Mez	Ani.fi
<i>Annona acutiflora</i> Mart.	Ann.ac
<i>Annona dolabripetala</i> Raddi	Ann.do
<i>Apocynaceae</i> sp.1	Apo.sp
<i>Arecaceae</i> sp.1	Are.sp1
<i>Arecaceae</i> sp.2	Are.sp2
<i>Aspidosperma cylindrocarpon</i> Müll.Arg.	Asp.cy
<i>Aspidosperma ramiflorum</i> Müll.Arg.	Asp.ra
<i>Aspidosperma</i> sp.1	Asp.sp1
<i>Aspidosperma</i> sp.2	Asp.sp2
<i>Astronium glaziovii</i> Mattick	Ast.gl
<i>Astronium graveolens</i> Jacq.	Ast.gr
<i>Bignoniaceae</i> sp.1	Big.sp1
<i>Bignoniaceae</i> sp.2	Big.sp2
<i>Brosimum glaucum</i> Taub.	Bro.gl
<i>Brosimum guianense</i> (Aubl.) Huber	Bro.gu
<i>Brosimum rubescens</i> Taub.	Bro.ru
<i>Brosimum</i> sp.1	Bro.sp
<i>Caamembeca</i> cf. <i>spectabilis</i> (DC.) J.F.B.Pastore	Caa.cf
<i>Calyptanthes</i> cf. <i>brasiliensis</i> Spreng.	Cal.cf
<i>Calyptanthes</i> sp.1	Cal.sp1
<i>Calyptanthes</i> sp.2	Cal.sp2
<i>Carpotroche brasiliensis</i> (Raddi) A Gray	Car.br
<i>Caryocar edule</i> Casar.	Car.ed
<i>Casearia</i> cf. <i>hirsuta</i> Sw.	Cas.cfh
<i>Casearia commersoniana</i> Cambess.	Cas.co
<i>Casearia</i> sp.1	Cas.sp
<i>Clarisia racemosa</i> Ruiz & Pav.	Cla.ra
<i>Clitoria</i> sp.1	Cli.sp
<i>Coccoloba</i> sp.1	Coc.sp1
<i>Coccoloba</i> sp.2	Coc.sp2
<i>Coccoloba warmingii</i> Meisn.	Coc.wa
<i>Combretum</i> sp.1	Com.sp
<i>Cordia</i> sp.1	Cor.sp1
<i>Cordia</i> sp.2	Cor.sp2
<i>Cordia taguahyensis</i> Vell.	Cor.ta
<i>Couepia schottii</i> Fritsch	Cou.sc
<i>Cupania racemosa</i> (Vell.) Radlk.	Cup.ra
<i>Dalechampia</i> sp.1	Dal.sp
<i>Davilla</i> sp.1	Dav.sp1
<i>Davilla</i> sp.2	Dav.sp2
<i>Dialium guianense</i> (Aubl.) Sandwith	Dia.gu
<i>Duguetia chrysocarpa</i> Maas	Dug.ch
<i>Ecclinusa ramiflora</i> Mart.	Ecc.ra
<i>Endlicheria glomerata</i> Mez	End.gl
<i>Eriotheca macrophylla</i> (K.Schum.) A.Robyns	Eri.ma

Species	Abbreviation
<i>Erythroxylum squamatum</i> Sw	Ery.sq
<i>Eschweilera ovata</i> (Cambess.) Mart. ex Miers	Esc.ov
<i>Eugenia astringens</i> Cambess.	Eug.as
<i>Eugenia bahiensis</i> DC.	Eug.ba
<i>Eugenia cf. melanogyna</i> (D.Legrand) Sobral	Eug.cfm
<i>Eugenia cymatodes</i> O.Berg	Eug.cy
<i>Eugenia inversa</i> Sobral	Eug.in
<i>Eugenia pisiformis</i> Cambess.	Eug.pi
<i>Eugenia pruinosa</i> D.Legrand	Eug.pr
<i>Eugenia puniceifolia</i> (Kunth) DC.	Eug.pu
<i>Eugenia</i> sp.1	Eug.sp1
<i>Eugenia</i> sp.2	Eug.sp2
<i>Eugenia</i> sp.3	Eug.sp3
<i>Eugenia subterminalis</i> DC.	Eug.su
<i>Euphorbiaceae</i> sp.1	Eup.sp
<i>Exellodendron gracile</i> (Kuhlm.) Prance	Exe.gr
<i>Exostyles cf. venusta</i> Schott	Exo.cfv
Fabaceae sp.1	Fab.sp
<i>Geonoma</i> sp.1	Geo.sp
<i>Guapira hirsuta</i> (Choisy) Lundell	Gua.hi
<i>Guapira nitida</i> (Mart.ex. J.A.Schmidt) Lundell	Gua.ni
<i>Guapira opposita</i> (Vell.) Reitz	Gua.op
<i>Guapira venosa</i> (Choisy) Lundell	Gua.ve
<i>Guarea guidonia</i> (L.) Sleumer	Gua.gu
<i>Guatteria australis</i> A.St.-Hil.	Gua.au
<i>Handroanthus heptaphyllus</i> (Vell.) Mattos	Han.he
<i>Helicostylis tomentosa</i> (Poepp. & Endl.) Rusby	Hel.to
Hernandiaceae sp.1	Her.sp1
Hernandiaceae sp.2	Her.sp2
<i>Heteropterys coleoptera</i> A.Juss.	Het.co
<i>Heteropterys nitida</i> (Lam.) DC.	Het.ni
<i>Himatanthus bracteatus</i> (A. DC.) Woodson	Him.br
<i>Humiriastrum dentatum</i> (Casar.) Cuatrec.	Hum.de
<i>Hydrogaster trinervis</i> Kuhlm.	Hyd.tr
<i>Hyeronima oblonga</i> (Tul.) Müll.Arg.	Hye.ob
Indet. 1	Ind.1
Indet. 10	Ind.10
Indet. 11	Ind.11
Indet. 12	Ind.12
Indet. 13	Ind.13
Indet. 14	Ind.14
Indet. 2	Ind.2
Indet. 3	Ind.3
Indet. 4	Ind.4
Indet. 5	Ind.5
Indet. 6	Ind.6
Indet. 7	Ind.7
Indet. 8	Ind.8
Indet. 9	Ind.9
<i>Inga</i> sp.1	Ing.sp
<i>Inga subnuda</i> subsp. <i>luschnathiana</i> (Benth.) T.D.Penn.	Ing.su
<i>Inga thibaudiana</i> DC. subsp. <i>Thibaudiana</i>	Ing.th
<i>Inga edulis</i> Mart.	Ing.ed
<i>Ischnosiphon gracilis</i> (Rudge) Körn.	Isc.gr
<i>Jacaratia heptaphyla</i> (Vell.) A.DC.	Jac.he
<i>Kielmeyera cf. occhioniana</i> Saddi	Kie.cfo

Species	Abbreviation
<i>Lacistema robustum</i> Schnizl.	Lac.ro
<i>Lacistema</i> sp.1	Lac.sp
Lauraceae sp.1	Lau.sp
<i>Lecythis lanceolata</i> Poir.	Lec.la
<i>Licania heteromorpha</i> Benth. var. <i>heteromorpha</i>	Lic.he
<i>Licania kunthiana</i> Hook.f.	Lic.ku
<i>Licania</i> sp.1	Lic.sp
<i>Licaria bahiana</i> kurz	Lic.ba
<i>Licaria guianensis</i> Aubl.	Lic.gu
<i>Lippia</i> sp.1	Lip.sp
<i>Machaerium</i> sp.1	Mac.sp1
<i>Machaerium</i> sp.2	Mac.sp2
<i>Macrobium latifolium</i> Vogel	Mac.la
Malpighiaceae sp.1	Mal.sp
<i>Manilkara</i> cf. <i>salzmannii</i> (A.DC.) H.J.Lam	Man.cfs
<i>Manilkara elata</i> (Allemão ex Miq.) Monach.	Man.el
<i>Mansoa difficilis</i> (Cham.) Bureau & K.Schum.	Man.di
<i>Maprounea guianensis</i> Aubl.	Map.gu
<i>Margaritopsis cymuligera</i> (Müll.Arg.) C.M.Taylor	Mar.cy
<i>Margaritopsis</i> sp.1	Mar.sp
<i>Maytenus</i> sp.1	May.sp
<i>Melanoxylon brauna</i> Schott	Mel.br
<i>Melicoccus espiritosantensis</i> Acev.-Rodr.	Mel.es
<i>Meliosma chartacea</i> Lombardi	Mel.ch
<i>Mendoncia velloziana</i> Mart.	Men.ve
<i>Miconia</i> cf. <i>cinnamomifolia</i> (DC.) Naudin	Mic.cfc
<i>Miconia</i> sp.1	Mic.sp
<i>Micropholis compta</i> Pierre in Urb.	Mic.co
<i>Micropholis gardneriana</i> (A.DC.) Pierre	Mic.ga
<i>Micropholis</i> sp.1	Mic.sp1
<i>Mollinedia glaziovii</i> Perkins	Mol.gl
<i>Mollinedia oligantha</i> Perkins	Mol.ol
<i>Monteverdia schummaniana</i> (Loes.) Biral	Mon.sc
<i>Myrcia amazonica</i> DC.	Myr.am
<i>Myrcia</i> cf. <i>multiflora</i> (Lam.) DC.	Myr.cfm
<i>Myrcia maximiliana</i> O.Berg	Myr.ma
<i>Myrcia</i> sp.1	Myr.sp
<i>Myrcia splendens</i> (Sw.) DC.	Myr.spl
<i>Myrcia sucrei</i> (G. M. Barroso & Peixoto) E. Lucas & C. E. Wilson	Myr.su
<i>Myrcia vittoriana</i> Kiaersk.	Myr.vi
<i>Myrciaria ferruginea</i> O.Berg	Myr.fe
<i>Myrciaria floribunda</i> (H.West ex Willd.) O.Berg	Myr.fl
Myrtaceae sp. 1	Myr.sp1
Myrtaceae sp. 2	Myr.sp2
<i>Neomitranthes sctictophylla</i> (G.M.Barroso & Peixoto) M.Souza	Neo.sc
<i>Niedenzuella</i> cf. <i>lucida</i> (A.Juss.) W.R.Anderson	Nie.cf
<i>Ocotea</i> cf. <i>divaricata</i> (Nees) Mez	Oco.cfd
<i>Ocotea</i> cf. <i>kostermanniana</i> Vattimo-Gil	Oco.cfk
<i>Ocotea ciliata</i> L.C.S.Assis & Mello-Silva	Oco.ci
<i>Ocotea glauca</i> (Ness & Mart.) Mez	Oco.gl
<i>Ocotea longifolia</i> Kunth	Oco.lo
<i>Ocotea nutans</i> (Nees) Mez	Oco.nu
<i>Ocotea</i> sp.1	Oco.sp1
<i>Ocotea</i> sp.2	Oco.sp2
<i>Ocotea spectabilis</i> (Meisn.) Mez	Oco.sp
<i>Ocotea velutina</i> (Nees) Rohwer	Oco.ve

Species	Abbreviation
<i>Oxandra espiniana</i> (Spruce ex Benth.) Baill.	Oxa.es
<i>Palicourea fulgens</i> (Müll.Arg.) Standl.	Pal.fu
<i>Parapiptadenia cf. ilheusana</i> G.P.Lewis	Par.cfi
<i>Parinari brasiliensis</i> (Schott) Hook.f.	Par.br
<i>Parinari excelsa</i> Sabine	Par.ex
<i>Pausandra morisiana</i> (Casar.) Radlk.	Pau.mo
<i>Pavonia calyculosa</i> A.St.-Hil. & Naudin	Pav.ca
<i>Pavonia cf. multiflora</i> A.St.-Hil.	Pav.cfm
<i>Pavonia</i> sp.1	Pav.sp
<i>Pera anisotricha</i> Müll. Arg.	Per.an
<i>Pera furfuraceae</i> Müll.Arg.	Per.fu
<i>Pera glabrata</i> (Schott) Baill.	Per.gl
<i>Picramnia cf. ciliata</i> Mart.	Pic.cfc
<i>Picramnia ciliata</i> Mart.	Pic.ci
<i>Picramnia sellowii</i> Planch.	Pic.se
<i>Picramnia</i> sp.1	Pic.sp
<i>Piper aduncum</i> L.	Pip.ad
<i>Piper amplum</i> Kunth	Pip.am
<i>Piper arboreum</i> Aubl.	Pip.ar
<i>Piper arboreum</i> var. <i>falcifolium</i> (Trel.) Yunck.	Pip.arb
<i>Piper corcovadensis</i> (Miq.) C.DC.	Pip.co
Piperaceae sp.1	Pip.sp
<i>Piptadenia adiantoides</i> (Spreng.) J.F.Macbr.	Pip.ad
<i>Pleonotoma</i> sp.1	Ple.sp
<i>Plinia cf. phitrantha</i> (Kiaersk.) Sobral	Pli.cfp
<i>Plinia</i> sp.1	Pli.sp
<i>Pogonophora schomburgkiana</i> Miers ex Benth.	Pog.sc
<i>Pogonophora</i> sp.1	Pog.sp
<i>Posoqueria latifolia</i> (Rudge) Schult.	Pos.la
<i>Pouteria</i> aff. <i>Durlandii</i>	Pou.af
<i>Pouteria bangii</i> (Rusby) T.D.Penn.	Pou.ba
<i>Pouteria bullata</i> (S.Moore) Baehni	Pou.bu
<i>Pouteria caimito</i> (Ruiz & Pav.) Radlk.	Pou.ca
<i>Pouteria cf. glomerata</i> (Miq.) Radlk.	Pou.cfg
<i>Pouteria cf. samborae</i> Alves-Araújo & Mônico	Pou.cfs
<i>Pouteria coelomatica</i> Rizzini	Pou.co
<i>Pouteria durlandii</i> (Standl.) Baehni	Pou.du
<i>Pouteria</i> sp.1	Pou.sp1
<i>Pouteria</i> sp.2	Pou.sp2
<i>Prestonia</i> sp.1	Pre.sp
<i>Protium aracouchini</i> (Aubl.) Marchand	Pro.ar
<i>Protium catuaba</i> (Soares da Cunha) Daly & P. Fine	Pro.ca
<i>Protium heptaphyllum</i> (Aubl.) Marchand	Pro.he
<i>Protium</i> sp.1	Pro.sp1
<i>Protium</i> sp.2	Pro.sp2
<i>Protium</i> sp.3	Pro.sp3
<i>Protium warmingianum</i> Marchand	Pro.wa
<i>Pseudoxandra spiritus-sancti</i> Maas	Pse.sp
<i>Psychotria carthagenensis</i> Jacq.	Psy.ca
<i>Psychotria</i> sp.1	Psy.sp1
<i>Psychotria</i> sp.2	Psy.sp2
<i>Psychotria</i> sp.3	Psy.sp3
<i>Psychotria</i> sp.4	Psy.sp4
<i>Psychotria</i> sp.5	Psy.sp5
<i>Psychotria stachyoides</i> Benth.	Psy.st
<i>Pterocarpus rohrii</i> Vahl	Pte.ro

Species	Abbreviation
<i>Quararibea penduliflora</i> (A.St.-Hil.) K.Schum.	Qua.pe
<i>Rauia nodosa</i> (Engl.) Kallunki	Rau.no
<i>Rinorea bahiensis</i> (Moric.) Kuntze	Rin.ba
<i>Rourea</i> sp.1	Rou.sp
Rubiaceae sp. 4	Rub.sp4
Rubiaceae sp.1	Rub.sp1
Rubiaceae sp.2	Rub.sp2
Rubiaceae sp.3	Rub.sp3
Sapotaceae sp.1	Sap.sp
<i>Schefflera morototoni</i> (Aubl.) Maguire et al.	Sch.mo
<i>Schoepfia brasiliensis</i> A.DC.	Sch.br
<i>Securidaca macrocarpa</i> A.W.Benn.	Sec.ma
<i>Senna affinis</i> (Benth.) H.S.Irwin & Barneby	Sen.af
<i>Senna</i> sp.1	Sen.sp
<i>Simarouba amara</i> Aubl.	Sim.am
<i>Siparuna reginae</i> (Tul.) A.DC.	Sip.re
Siparunaceae sp.1	Sip.sp
<i>Sloanea</i> sp.1	Slo.sp
<i>Solanum sooretamum</i> Carvalho	Sol.so
<i>Solanum</i> sp.1	Sol.sp
<i>Sorocea guilleminiana</i> Gaudich.	Sor.gu
<i>Sorocea hilarii</i> Gaudich.	Sor.hi
<i>Sparattosperma leucanthum</i> (Vell.) K.Schum.	Spa.le
<i>Stephanopodium blanchetianum</i> Baill.	Ste.bl
<i>Strychnos</i> sp.1	Str.sp
<i>Stylosanthes viscosa</i> (L.) Sw.	Sty.vi
<i>Swartzia apetala</i> Raddi var. <i>apetala</i>	Swa.ap
<i>Swartzia</i> cf. <i>oblata</i> R.S.Cowan	Swa.cfo
<i>Swartzia simplex</i> var. <i>continentalis</i> Urb.	Swa.si.c
<i>Swartzia simplex</i> var. <i>grandiflora</i> (Raddi) R.S.Cowan	Swa.si.g
<i>Tabebuia cassinoides</i> (Lam.) DC.	Tab.ca
<i>Tabebuia elliptica</i> (DC.) Sandwith	Tab.el
<i>Tabebuia roseoalba</i> (Ridl.) Sandwith	Tab.ro
<i>Tabernaemontana salzmannii</i> A.DC.	Tab.sa
<i>Tabernaemontana</i> sp.1	Tab.sp
<i>Tapirira guianensis</i> Aubl.	Tap.gu
<i>Thyrsodium spruceanum</i> Benth.	Thy.sp
<i>Trichilia elegans</i> A.Juss.	Tri.el
<i>Trichilia elegans</i> subsp. <i>richardiana</i> (A.Juss.) T.D.Penn.	Tri.el.r
<i>Trichilia lepidota</i> Mart.	Tri.le
<i>Trichilia lepidota</i> subsp. <i>schumanniana</i> (Harms) Pennington	Tri.le.s
<i>Trichilia</i> sp.1	Tri.sp1
<i>Trichilia</i> sp.2	Tri.sp2
<i>Trigonia nivea</i> var. <i>pubescens</i> Cambess.	Tri.ni
<i>Vataireopsis araroba</i> (Aguiar) Ducke	Vat.ar
<i>Virola gardneri</i> (A.DC.) Warb.	Vir.ga
<i>Virola officinalis</i> Warb.	Vir.of
<i>Xylopia frutescens</i> Aubl.	Xyl.fr
<i>Zollernia</i> cf. <i>magnifica</i> A.M.Carvalho & Barneby	Zol.cfm