

Supplementary material

Appendix S1. Description of the forest types examined (adapted from Veloso et al. 1991). Veloso's classification is hierarchical. Accordingly, each of the four coarse-level forest types can have two or more fine-level forest types. A general description of the four widely recognized coarse level forest types is given in the first paragraph of the description column. The subsequent paragraphs describe the twelve fine-level forest used in our study.

Coarse-level forest type	Description
Seasonally semi-deciduous forest	<p>A vegetation type comprised of macro- and mesophanerophytes, as well as lianas and epiphytes, characterized by a tropical dry season when the forest becomes 20–50% deciduous. Within Amazonia this is a climatic transition between rain forest and savanna. Four structural/environmental subtypes are recognized based on altitude: floodplain, lowland, submontane and montane.</p> <p>Fine-level forest type adopted: Seasonally dry submontane semideciduous forest (Fs): in tropical areas, typically dominated by mesophanerophytes on dystrophic soils derived from sandstone; in sub-tropical (non-Amazonian) climate, macrophanerophytes dominate on eutrophic soils derived from basalts.</p>
Vegetation on white sand	<p>Vegetation type found only in Amazonia, predominantly in the middle and upper Negro River Basin. Disjunct patches are found to the north of this area along the Branco River, and to the west in the upper reaches of the Japura, Solimões and Juruá Rivers, penetrating into Colombia and Venezuela. Woody vegetation has a spindly aspect [in the more open subtypes], with the edaphic climax being shrubby woodland or an open mixture of grassy and woody elements. Commonly found in low-lying waterlogged areas with hydromorphic podzols or hydromorphic quartz sand. Includes several endemic genera. Confined to a single climate type which is hot and extremely humid. Average temperature is 25°C and annual precipitation exceeds 3000 mm.</p> <p>Fine-level forest type adopted: Forest on white sand (LO): Subgroup of the white-sand formation; found on seasonally and partially inundated peniplains; locally known as tall campinarana or campina forest; resembles riparian forest on white sand; usually has characteristic dominant tree genera with thin trunks and light-colored bark forming dense stands of about 15 m height mixed with a few trees of up to 20 m; leaves evergreen and mostly sclerophyllous.</p>

Dense rain forest

Vegetation type of northern Brazil comprised mostly of macro and mesophanerophytes, as well as lianas and epiphytes; climate is hot and humid, a biologically dry season nearly absent; annual precipitation exceeds 2300 mm and average annual temperature is 22–25°C. In Amazonia these forest types cover the vast Northern Depression, a large part of the Amazonas-Orinoco High Plateau north of Roraima and almost all of the Central Amazon Depression, including most of the states of Pará, Amazonas and Roraima. Physiognomy varies with altitude and lithology, being divided into four main phyto-physiognomies (floodplain, lowland, submontane and montane) and two floristic formations, based on the presence or absence of emergent trees.

Fine-level forest types adopted:

Dense rain forest on river floodplains with emergent trees (Dae): a forest formation found on recently deposited fine sediments of alluvial plains and terraces along rivers. In the Amazon two local types are called várzea forest (seasonally flooded) and igapó forest (permanently flooded). [In other classification systems várzea forest is seasonally inundated by muddy rivers and igapó is seasonally inundated by clear- and black-water rivers.] Fast-growing tree species predominate [in várzea forests], bark is smooth and many trunks have stilt-roots or buttresses. Large emergent trees could be observed in this forest.

Dense rain forest on river floodplains without emergent trees (Dau): as same as Dae, but without emergent trees.

Lowland dense rain forest with emergent trees (Dbe): a formation which is found mainly on the [clay-rich] plio-pleistocene sediments of the Barreiras Group, forming low plateaus of up to 100 m a.s.l. This is the typical lush rain forest of Amazonia with many large emergent trees.

Submontane dense rain forest with emergent trees (Dse): a formation found on the piedmonts of highlands and mountains, ca 100–600 m a.s.l. Trees of more uniform height, rarely exceeding 30 m, sometimes with a few emergents and with few nanophanerophytes or chamaephytes. Large emergent trees could be observed in this forest.

Submontane dense rain forest without emergent trees (Dsu): as same as Dse, but without emergent trees.

Open rain forest

A vegetation type still located in the rainy portion of Amazonia, but having a brief dry season (2–3 months) and dominated by either large palms, scandent bamboos, lianas or the giant herb *Phenakospermum*. Located south of the main Amazon valley in a transition zone, between dense rain forest and seasonally semi-deciduous forest. To the north this forest type is found in a mosaic of small scattered inclusions within the dense forest, for example, between the Trombetas and Jari Rivers or in the southwest portion of Roraima State. Previously this was called a “climatic transition zone”. Forest structure varies with altitude and lithology, having five main divisions (floodplain, lowland, submontane, montane and high-montane).

Fine-level forest types adopted:

Open rain forest on floodplains with palms (Aap): forests found on recently deposited fine sediments of alluvial plains and terraces along rivers. Seasonally or permanently flooded versions are respectively várzea or igapó forests [but see alternative definitions of these two terms above]. Patches with high density of palms are common.

Open lowland rain forest with palms (Abp): a formation found on well drained [clay-rich] sediments of terraces, plains or low plateaus, ca 5–100 m a.s.l., with subtypes dominated by large palms.

Open lowland rain forest with bamboos (Abb): a formation found on well drained [clay-rich] sediments of terraces, plains or low plateaus, ca 5–100 m a.s.l., with subtypes dominated by bamboos.

Open submontane rain forest with palms (Asp): located ca 100–600 m a.s.l. and dominated by large palms.

Open submontane rain forest with vines (Asc): located ca 100–600 m a.s.l. and dominated by lianas.

Appendix S2. Families, common-name equivalents of included morpho-species, relative abundance and frequency of presence of the 272 large-tree genera found in the 1,184 RADAMBRASIL inventories.

Family	Genus	Common names	Included morpho-species	Relative abundance (% of all trees)	Frequency of presence (% of all inventories)
Anacardiaceae	<i>Anacardium</i>	caju, caju-açu, caju-açu-da-folha-miúda, cajuí, cajuí-da-folha-miúda, cajuí-da-terra-firme, caju-do-campo, cajutim, tauari, uixirana, guariuva, sucupirana-brava, fava-folha-fina	17	0.447	50.7
	<i>Astronium</i>	muiracatiara, aroeira, aroeira-branca, gonçalo-alves, gonçalo-alves	6	0.253	27.1
	<i>Poupartia</i>	taperebá-cedro, taperebarana	2	0.014	2.1
	<i>Spondias</i>	cajarana, cajazeiro, tanimbuca-amarela, taperebá, taperebá-grande-da-mata, cajá	6	0.400	27.1
	<i>Tapirira</i>	pau-pombo, pombeiro, tapiririca, tatapiririca	4	0.534	47.5
	<i>Thyrsodium</i>	amapari, amapati, amapatirana, mapatirana-branca, amaparana	5	0.235	27.1
Annonaceae	<i>Anaxagorea</i>	envira-folha-fina	1	0.027	1.1
	<i>Annona</i>	amanóá, envira-biriba, envira-biribá, envira-bobó, araticum, coração-negro, araticum, marolo	8	0.121	12.5
	<i>Bocageopsis</i>	envira-aritu, envira-taia	2	0.102	10.7
	<i>Duguetia</i>	envira-catitu, envira-pindaíba, pindaíba, envira-surucucu	4	0.109	15.7
	<i>Guatteria</i>	envira-jacaré, envira-cana, envira-cana-preta, envira-casca-preta, envira-preta, inharé, envira-grande	8	1.112	77.5
	<i>Onychopetalum</i>	envira-fofa	1	0.014	1.4
	<i>Rollinia</i>	ata-brava, envira-ata-brava, envira-bobó	3	0.054	7.9
	<i>Xylopia</i>	beribarana, envira-cheirosa, envira-imbiriba, envira-vermelha, imbiriba, pimenta-de-macaco, pindaíba, envira-amarela, envira-faia, envira-branca, envira-cana, envira-casqueiro, piriquiteira-amarela, envira, envira-pindaíba, pimenta-de-macaco	16	0.514	53.9
	Apocynaceae	<i>Ambelania</i>	Pepineiro	1	0.002
<i>Aspidosperma</i>		aracanga, aracanga-branca, carapanauba-branca, carapanauba, carapanauba-amarela, guatambu, peroba-do-campo, canela-de-velho, peroba-rosa, peroba-rosa, guatambu, peroba-rosa, guatambu, peroba-rosa, guatambu, peroba-branca, peroba-da-serra, guatambu, peroba, peroba-rosa, aracanga, peroba-vermelha, guatambu, piquiá-marfim, piquiá-marfim-roxo, carapanauba-folha-miúda, carapanauba-preta, aracanga-amarela, carapanauba-folha-fina, peroba, peroba-amarela, jacamim	32	1.156	74.3
<i>Couma</i>		sorva, sorva-da-mata, sorva-grande, sorva-preta, sorva-miúda, sorvinha	6	0.255	30.7
<i>Geissospermum</i>		pau-de-quinarana, pereira, quinarana	3	0.196	16.4
<i>Hancornia</i>		mangaba, mangabeira	2	0.015	1.4

	<i>Himatantibus</i>	janaguba, sucuuba, sucuuba-amarela, sucuuba-verdadeira, sucuuba-vermelha	6	0.136	21.1
	<i>Lacmellea</i>	molongó-de-espinho, pau-de-colher	2	0.009	1.4
	<i>Macoubea</i>	amapá-amargoso, amapá-folha-grande	2	0.126	18.9
	<i>Malouetia</i>	molongó, mulungu	2	0.032	5.0
	<i>Parahancornia</i>	amapá, amapá-doce	3	0.871	65.0
	<i>Rauwolfia</i>	muirajuçara	1	0.009	1.1
Araliaceae	<i>Schefflera</i>	morototó, mandiocão	2	0.282	36.1
Asteraceae	<i>Trattinnickia</i>	breu-sucuruba, breu-sucuuba-amarelo	5	0.684	52.9
Bignoniaceae	<i>Jacaranda</i>	caroba, parapará, jacarandá	4	0.648	51.8
	<i>Tabebuia</i>	ipê, ipê-de-flor-roxa, jutairana, pau-d'arco, pau-d'arco-roxo, pau-d'arco-branco, pau-d'arco-da-flor-branca, ipê-amarelo, pau-d'arco-amarelo, ipê-branco, pau-d'arco-pote, caraíba, caraibeira, craíba, paratudo, taipoca	21	0.830	59.3
Bixaceae	<i>Bixa</i>	urucu, urucu-bravo, urucu-da-mata	3	0.026	4.3
	<i>Cochlospermum</i>	algodão-bravo, periquiteira, piriquiteira	3	0.036	5.0
Boraginaceae	<i>Cordia</i>	cajuí, chapéu-de-sol, freijó-branco, freijó, freijó-cinza, louro, mata-fome	9	0.228	26.8
Burseraceae	<i>Paraprotium</i>	breu-andirobarana	1	0.002	0.4
	<i>Protium</i>	breu-vermelho, breu-amarelo, breu-preto, breu-branco, breu-mescla, almécega, breu, breu-abacatirana, breu-tucano, breu-vermelho, amescla	15	2.088	80.4
	<i>Tetragastris</i>	breu-manga, breu-mescla, breu-areu-areu, breu-sequereu, breu-vermelho, breu-inambu, breu-pimenta	7	2.750	52.9
Caricaceae	<i>Jacaratia</i>	mamão-da-mata, mamãozinho, mamoi	3	0.066	8.9
Caryocaraceae	<i>Anthodiscus</i>	piquiaí	1	0.007	1.1
	<i>Caryocar</i>	piquiarana, piquiarana-da-serra, pitaíca, piquiarana-da-várzea, pequiá, piquiá, piquiá-cheiroso, piqui, verdadeiro, pequi	10	0.908	75.0
Celastraceae	<i>Goupia</i>	copaíba, cupiúba, cupiúba-vermelha, castanha-de-cutia, castanha-de-galinha, uxi-de-cotia	6	1.621	61.1
	<i>Maytenus</i>	xixuá, xuxuarana, xuxuá	3	0.031	2.9
Chrysobalanaceae	<i>Couepia</i>	pajurá-grande, cumatê, cumatê-vermelho, caripé	4	0.321	27.1
	<i>Hirtella</i>	caripé-casca-torrada, caripé-torrado, hirtela	3	0.197	19.3
	<i>Licania</i>	caripé, caripé-do-igapó, macucu, macucu-de-sangue, macucu-roxo, quinarana, macucu-murici, caripé-amarelo, anoerá-de-ferro, macucu-branco, cariperana-vermelha, caraipé, caripé, castanha-vermelha, caripé-vermelho, caripé-branco, cariperana-branca, cariperana, macucu-preto, vermelho, pajurá-branco, pajurana, anoerá, araracanga, macucu-de-fogo, macucu-farinha-seca, macucu-fofo, cariperana, cariperana-amarela, taperuchi	33	3.656	90.7
	<i>Parinari</i>	pajurá, pajurazinho, parinari, parinari-grande, pajurá-da-mata, pajurá-pedra	7	0.478	38.2
Clusiaceae	<i>Calophyllum</i>	jacareúba, jacareúba-da-terra-firme, jacareúba-do-igapó, landi, landim	5	0.236	25.7
	<i>Caraipa</i>	tamanquaré, tamaquaré, tamaquaré-amarelo	3	0.345	30.0
	<i>Chrysochlamys</i>	mangueirana, manguirana, paxiubarana	3	0.010	1.8

	<i>Garcinia</i>	bacupari, bacuri-coroa, bacuri-pari, bacuri, bacuri-pari	7	0.097	12.1
	<i>Kielmeyera</i>	pau-de-santo, pau-santo	3	0.002	0.4
	<i>Mahurea</i>	tamaquaré-vermelho	1	0.032	2.5
	<i>Moronobea</i>	ananirana, bacuri, bacuri-açu, bacuri-da-mata, bacurirana	5	0.041	6.4
	<i>Platonia</i>	anani-da-várzea	1	0.017	1.8
	<i>Symphonia</i>	anani, anani-da-mata, anani-da-terra-firme	3	0.223	32.5
	<i>Vismia</i>	lacrão, lacrão-da-mata, lacre, lacre-açu	9	0.131	17.9
Combretaceae	<i>Buchenavia</i>	tanimbuca-folha-grande, cuiarana-folha-grande, cumaru, tanimbuca-branca, tanimbuca-da-várzea, tanimbuca-, tanimbuca-folha-miúda, tanimbuca-vermelha, tanimbuca-amargosa, mirindiba, tanimbuca-mirindiba, carará, tanimbuca, tanimbuca-amarela, preta	15	0.427	35.7
	<i>Combretum</i>	ioioca	1	0.002	0.4
	<i>Terminalia</i>	cinzeiro, cuiarana, cuiarana-folha-miúda, tanimbuca, timborana, capitão, capitão-do-campo, mussambê, piúna, capitão	11	0.862	71.8
Dichapetalaceae	<i>Tapura</i>	pau-de-bicho	1	0.124	13.2
Ebenaceae	<i>Diospyros</i>	caqui, caqui-folha-miúda, conduru, caqui-folha-grande, escorrega-macaco, olho-de-boi, envira-conduru, olho-de-boi	8	0.097	15.0
Elaeocarpaceae	<i>Sloanea</i>	urucurana-dura, urucurana-da-várzea, urucurana-folha-grande, urucurana-grande, urucurana-branca, urucurana, urucurana-folha-miúda, urucurana-vermelha, urucurana, urucu-amarelo, urucu-branco, urucurana-de-cheiro	12	0.648	52.1
Euphorbiaceae	<i>Alchornea</i>	glicí	1	0.002	0.4
	<i>Alchorneopsis</i>	canelarana	1	0.029	3.2
	<i>Caryodendron</i>	castanha-de-porco	1	0.017	1.4
	<i>Conceveiba</i>	arraeira	1	0.014	2.1
	<i>Croton</i>	dima, dima-vermelho, gaivotinha, maravuvuia, muiravuia, murucututu, urucurana	8	0.151	10.7
	<i>Drypetes</i>	maparana, paparana	2	0.002	0.4
	<i>Glycydendron</i>	pau-doce	1	0.058	6.1
	<i>Hevea</i>	seringa-chicote, seringa-peluda, seringa, seringa-verdadeira, seringueira, seringa-itauba, seringa-branca, seringa-barriguda	10	1.046	50.0
	<i>Hieronyma</i>	mangonçalo, margonçalo, margonçalorana	3	0.071	9.3
	<i>Hura</i>	açacu	1	0.323	17.1
	<i>Joannesia</i>	castanha-de-arara	1	0.039	5.4
	<i>Mabea</i>	seringaí, seringarana, taquari, leiteiro-de-folhas-miúdas	4	0.286	18.9
	<i>Micrandra</i>	seringa-brava, cunuri, seringarana-folha-dobrada	3	0.233	5.7
	<i>Piranhea</i>	piranheira	1	0.068	2.5
	<i>Pogonophora</i>	acapuri, aracapuri, gema-de-ovo	3	0.010	1.8
	<i>Sagotia</i>	arataciú	1	0.015	1.4
	<i>Sapium</i>	tartaruguinha, burra-leiteira, leiteira, murupita, pau-de-leite, burra-leiteira-folha-miúda	6	0.287	20.4
	<i>Senefeldera</i>	arataciú-grande	1	0.005	1.1

Fabaceae	<i>Abarema</i>	fava-amargosa, saboarana, saboeiro, taboeiro	4	0.247	28.6
	<i>Acacia</i>	açoita-bode, capa-bode, fava-de-espinho, paricarana, pintadinho	5	0.558	44.3
	<i>Acosmium</i>	itaubarana, chapadinha, sucupira-amarela, sucupira-amarela	4	0.015	2.5
	<i>Adenanthera</i>	tento-folha-miúda	1	0.007	1.1
	<i>Albizia</i>	angico-branco, mapuxiqui-chocolate	2	0.003	0.7
	<i>Aldina</i>	macucu-de-fogo, macucu-de-paca, pracuubarana, macucu-de-morcego, macucu-da-várzea	5	0.393	13.2
	<i>Alexa</i>	melancieira, melancieirinha	2	0.112	6.4
	<i>Amburana</i>	amburana, imburana	2	0.003	0.4
	<i>Anadenanthera</i>	angico	2	0.041	4.6
	<i>Andira</i>	angelim, angelim-de-morcego, angelim-rosa, angelim-vermelho, andirá-ferro, andirá-uxi, uxi-de-morcêgo, angelim, angelim-de-morcegomanga-brava, mangarana, morcegueira	12	0.092	14.3
	<i>Apuleia</i>	amarelão, muiracatiara, muiratauí, taua, tauari, amarelão, muiratauzinho	7	0.490	38.6
	<i>Batesia</i>	acapurana, acapurana-da-terra-firme, andorinha	3	0.085	10.7
	<i>Bowdichia</i>	sucupira, sucupira-amarela, sucupira-amargosa, sucupira-branca, sucupira-chorona, sucupira-peluda, sucupira-preta, sucupira-do-campo, sucupira-do-cerrado	11	0.792	69.6
	<i>Campsiandra</i>	acapú-do-igapó, acapurana-da-várzea, acapurana-do-igapó	3	0.037	4.6
	<i>Cassia</i>	acapú-pixuna, balaio-de-cutia, coração-de-negro, quebra-machado, acácia, chuva-de-ouro, fava-mari-mari, canafístula, mari-mari-da-terra-firme, benipé-espinhosa, mari-mari	11	0.180	17.1
	<i>Cedrelinga</i>	cedrorana	1	0.291	29.6
	<i>Centrolobium</i>	pau-rainha	1	0.026	2.9
	<i>Clathrotropis</i>	cabari, cabari-miúdo, painuri, timbó-pau	4	0.286	11.1
	<i>Copaifera</i>	copaíba-angelim, copaíba-fina, copaíba-preta, copaíba-roxa, copaíba-branca, copaíba-mari-mari, caripé, copiuva, cupiúba, caripé-torrado, copaíba, pau-d'óleo, copaíba-verdadeira	15	0.697	51.1
	<i>Crudia</i>	fava-da-várzea, iperana, rim-de-paca, rim-de-paca-vermelho	4	0.248	21.8
	<i>Cynometra</i>	jutairana	1	0.471	22.5
	<i>Dalbergia</i>	falso-jacarandá, jacarandá, jacarandá-do-pará, jacarandá-preto, caviúna, angelim-preto	6	0.060	7.9
	<i>Dialium</i>	jutaí-poca, jutaí-pororoca, pau-roxo-da-várzea	3	1.321	74.3
	<i>Dicorynia</i>	cumarurana-roxa	1	0.048	3.2
	<i>Dimorphandra</i>	fava-branca, fava-pombo, pracaxirana, fava-wing, faveira, faveira, faveiro	7	0.061	8.9
	<i>Dinizia</i>	não reportado	5	0.189	15.4
	<i>Diplotropis</i>	sucupira-da-várzea, sucupirana, sucupira, sucupira-preta, sucupira-de-morcego, sucupira-vermelha	6	0.355	41.4

<i>Dipteryx</i>	cumaru-de-ferro, cumaru-folha-miúda, cumaru, cumaru-roxo, cumaru-verdadeiro, cumaru-vermelho, cumatê, cumaru-amarelo, cumaru-rosa, baru	11	0.687	62.5
<i>Elizabetha</i>	arapari-da-terra-firme, arapari-vermelho	2	0.029	2.5
<i>Enterolobium</i>	caripé, cassipá, fava-timbauba, orelha-de-macaco, angelim-branco, fava-de-rosca, fava-orelha, fava-orelha-de-macaco, fava-orelha-de-negro, orelha-de-negro, orelha-de-negro, tamboril, corticeira	13	0.289	32.1
<i>Eperua</i>	apá, apazeiro, espadeiro, copaíba-jacaré, iácano, jutairana, iébaro, copaibarana, muirapiranga	9	0.823	16.4
<i>Erythrina</i>	açacu-da-mata, açacurana, açacurana-da-terra-firme, mulungu	4	0.080	8.6
<i>Hymenaea</i>	jacaré, jatobá, jatobá-da-mata, jutaí, jutaí-açu, jutaí-cica, jutaí-da-terra-firme, jutaí-peba, jutaí-pororoca, jatobá-miúdo, jutaí-açu, jutaí-da-folha-fina, jutaí-mirim, jatobá-jutaí, jutaí-da-várzea, jutaí-ferro, jutaí-vermelho, jatobazinho, jutaí-cipó, jatobá, jatobá-do-cerrado	21	1.056	75.7
<i>Hymenolobium</i>	angelim, angelim-da-mata, fava-folha-grande, fava-folha-larga, fava-grande, faveira-grande, angelim-amarelo, angelim-areu-areu	9	0.199	27.9
<i>Inga</i>	ingá-xixi, ingá-xixica, ingá-liso, ingá-cipó, ingá, estômago-de-preguiça, ingá-angelim, ingá-copaíba, ingá-, ingá-vermelho, ingá-vermelho, ingá-casca-vermelha, ingá-peludo, ingá, ingá-da-mata, ingá-piranga, ingá, ingá-açu, ingá-babão, ingá-branco, ingá-chato, ingá-facão, ingá-de-fogo, ferro, ingá-preto, ingá-amarelo, ingá-da-várzea	27	1.643	66.4
<i>Macrobium</i>	araçá-preto, arapari, arapari-da-várzea, ipê, ipê-da-várzea, ipê-da-terra-grande, ipê-folha-composta, iperana-branca, iperana-da-várzea, iperana-preta, pezeiro, araparirana, iperana-folha-grande	13	0.386	23.9
<i>Martiodendron</i>	muirapixuna, ipixuna	2	0.119	12.1
<i>Monopteryx</i>	uacurana, uacu	2	0.202	8.2
<i>Mora</i>	pracuuba, pracuuba-de-cheiro	2	0.175	15.7
<i>Myrocarpus</i>	milho-verde	1	0.019	1.8
<i>Myroxylon</i>	pau-d'arco-amarelo, pau-de-bálsamo	2	0.031	2.9
<i>Ormosia</i>	tento-grande, tento-vermelho, buiuçu, buiuçu-amarelo, tento, tento-branco, tento-folha-grande, tento-preto, tento-de-cacho	11	0.338	39.6
<i>Ormosiopsis</i>	cernambi, cernambi-de-índio, tento-amarelo	3	0.185	21.4
<i>Parkia</i>	arara-tucupi, fava-apunã, fava-arara-tucupi, fava-atanã, faveira-atanã, coré, coré-grande, corézeiro, fava-, corézinho, fava-preta, esponjeira, fava-esponjeira, fava-fofa, arari-da-terra-firme, faveira, bengué, fava-coré, fava-bolota, fava-bolota-da-terra-firme, faveira-de-bolota, visgueiro	21	0.850	72.9
<i>Peltogyne</i>	violeta, pau-roxo, roxinho, pau-roxo, coataquiçaua-vermelha, coataquiçaua	6	0.403	27.1
<i>Pentaclethra</i>	pracaxi	1	0.060	2.5

	<i>Petaladenium</i>	cabarirana	1	0.017	1.8
	<i>Piptadenia</i>	angico-branco, angico, angico-jacaré, fava-folha-fina, fava-folha-miúda, timborana, angico, angico-jacaré	8	1.095	77.5
	<i>Pithecellobium</i>	saboeiro-amarelo-da-várzea, saboeiro-grande, saboeiro-amarelo, fava-mapuxiqui, fava-vermelha, mapuxiqui-vermelho, ingá-jarandeu, ingarana, jarandeu, angelim-pedra, angelim-rajado, araracanga, bordão-de-velho, ingarana-vermelha, muirapiranga, saboeiro-branco, saboeiro-preto	17	0.641	48.2
	<i>Plathymenia</i>	amarelinho, vinhático	2	0.003	0.4
	<i>Platymiscium</i>	macacauba-da-várzea, macacauba, feijão-cru	3	0.056	5.7
	<i>Poecilanthe</i>	amarelinha, amarelinho	2	0.156	21.1
	<i>Pterocarpus</i>	corticeira, mututi, mututi-branco, mututi-da-terra-firme, mututi-da-várzea, mututi-mole, mututi-verdadeiro, mututirana	8	0.571	38.9
	<i>Schizolobium</i>	paricá, paricá-da-mata, paricá-grande	3	0.170	22.9
	<i>Sclerolobium</i>	tachi-amarelo, tachi-flor-amarela, tachi-preto, tachi-peludo, tachirana, tachi-amarelo, tachi-folha-amarela, tachi-folha-dourada, tachi-vermelho, tachi-branco, candeia, tachi-branco, tachi-preto-folha-miúda, tatarena, carvoeiro, carvoeiro	16	1.200	78.9
	<i>Stryphnodendron</i>	camuzê, fava-camuzê, barbatimão, freijó, paricá-vermelho, barbatimão	6	0.012	1.8
	<i>Swartzia</i>	gombeira, gombeira-vermelha, swartzia-preta, carrapatinho, muirajibóia, muirajibóia-preta, saboarana, saboarana-da-terra-firme, arabá, arabá-do-igapó, arabá-preto, paracutaca, pitaíca, pitaíca-preta, sumaúma, casca-de-sangue, mututi-duro, pacapuá, muirajibóia-amarela, catapua-vermelha, gombeira-roxa, swartzia-gerimum, gombeira-amarela, jacarandá	24	1.490	81.1
	<i>Tachigali</i>	tachi-pitomba, tachi-pitomba, tachi-prata, tachi, tachi-branco, tachi-preto, tachi-preto-folha-grande, uxirana	8	1.330	72.5
	<i>Taralea</i>	castanha-de-anta, cumarurana, cumarurana-da-terra-firme	3	0.359	40.4
	<i>Torresea</i>	cerejeira, cumaru-de-cheiro, imburana	3	0.117	13.6
	<i>Vatairea</i>	fava-bolacha-da-terra-firme, bolacheiro, fava-amarela, fava-bolacha, fava-bolacha-do-igapó, fava, fava-folha-fina, faveira, angelim-amargoso	10	0.609	51.4
	<i>Vataireopsis</i>	angelim-amargoso	1	0.134	14.6
	<i>Vouacapoua</i>	acapú, acapú-preto	2	0.364	10.7
	<i>Zollernia</i>	pau-ferro, pau-santo	2	0.051	6.8
Humiriaceae	<i>Duckesia</i>	uxi-coroa	1	0.010	2.1
	<i>Endopleura</i>	uxi, uxi-verdadeiro	2	0.112	11.4
	<i>Humiria</i>	umiri	2	0.117	7.9
	<i>Sacoglottis</i>	uxirana-da-várzea, uxirana-do-igapó, uxi-vermelho, uxirana	4	1.265	72.1
	<i>Schistostemon</i>	pajurazinho, paruru-folha-grande, paruru-grande	3	0.012	1.8

	<i>Vantanea</i>	acariquarana, achuá, achuá-pequeno, axuá, axuá-pequeno, quaruba-faca, quarubamachado, parquiá-coré, paruru, paruru-vermelho	10	0.224	27.5
Icacinaceae	<i>Dendrobangia</i>	caferana, dendrobrangia	2	0.075	8.9
	<i>Emmotum</i>	muiravuvuia, muiraximbé, mari, muiraximbé, sôbre	5	0.053	6.8
	<i>Poraqueiba</i>	mari-bravo, marirana, marmeleiro, murirana-vermelha, mururana, umarirana, umari, uxi-amarelo	8	0.100	11.4
Lauraceae	<i>Aniba</i>	louro-rosa, casca-preciosa, preciosa, pau-rosa	4	0.204	21.8
	<i>Cinnamomum</i>	caneleira	1	0.005	1.1
	<i>Clinostemon</i>	mauba	1	0.009	1.1
	<i>Endlicheria</i>	louro-seda	1	0.002	0.4
	<i>Licaria</i>	aritu, louro-aritu, louro-folha-de-ouro, abacate-da-mata, lacre-da-mata, louro-canela, louro-cravo, louro-erva-doce, louro-pachuri	9	0.328	30.0
	<i>Mezilaurus</i>	itauba, itauba-abacate, itauba-do-campo, itauba-preta, janitá, louro-itauba, imbaubarana, itauba-amarela, itauba-xixica, itauba, itauba-do-campo	11	1.100	67.1
	<i>Nectandra</i>	louro-bosta, louro-tamancao, louro-tamanco, louro-prata, louro-preto, louro-preto-da-várzea, louro-preto-do-igapó, louro-rosa, louro-gosmento, louro-vermelho	10	1.569	80.0
	<i>Ocotea</i>	louro-folha-miúda, louro-inhamuí, louro-inhamuí-da-terra, louro-inhamuí-folha-fina, louro-mamoí, louro-pimenta, louro-babão, louro-cedrinho, louro-cedro, louro-prata, louro-sedinha, abacatirana, louro-abacate, louro-abacatirana, louro-branco, louro-folha-grande, canela, louro, louro-amarelo, louro-chumbo, louro-cumarú, louro-ferro, louro-mole	25	1.132	72.9
Lecythidaceae	<i>Phoebe</i>	pau-d'alho	1	0.012	1.4
	<i>Allantoma</i>	ceru, churu, xuru	3	0.063	6.4
	<i>Bertholletia</i>	castanha-de-periquito, castanha-do-pará, castanheira	3	0.554	33.6
	<i>Cariniana</i>	cariri, tauari-vermelho, castanha-vermelha, matamatá-preto, matamatá-vermelho, ripeiro-vermelho, tauari-cachimbo, cachimbeiro, matamatá-branco, matamatá-cachimbo	10	1.692	78.2
	<i>Couratari</i>	tauari-fruto-grande, tauari-branco, tauari-folha-roxa, tauarizinho, matamatá-morrão, tauari-morrão, tauari, tauari-vermelho, tauari	9	0.837	69.3
	<i>Couroupita</i>	castanha-curupita, castanha-de-macaco, curupita, curupirana	4	0.129	12.9

	<i>Eschweilera</i>	matamatá-castanha, envira-de-caçador, envira-de-cutia, jatereua, matamatá-amarelo, matamatá-de-cotia, matamatá-doce, sapucaia, matamatá, matamatá-branco, matamatá-da-várzea, matamatá-preto, muiratinga-da-várzea, ripeiro-branco, matamatá-ripeiro, matamatá-ripeiro-amarelo, matamatá-ripeiro-vermelho, morototó, ripeiro, ripeiro-amarelo, matamatá-ci, matamatá-jibóia, matamatá-liso, jarana-da-folha-miúda, jaraná, jarani, matamatá-rosa, matamatá-roxo	28	4.521	79.6
	<i>Gustavia</i>	general, jenipaporana, jeniparana	3	0.020	3.2
	<i>Lecythis</i>	jarana-amarela, castanha-jarana, jarana, jarana-amarela, jarana-branca, castanha-sapucaia, castanharana, sapucaia, jarana-vermelha, sapucainha	10	0.553	38.6
Loganiaceae	<i>Antonia</i>	branquinha, pau-branco, quina, sardinheira, trapiarana	5	0.121	12.9
Lythraceae	<i>Physocalymma</i>	cega-machado, nó-de-porco	2	0.003	0.4
Malpighiaceae	<i>Byrsonima</i>	murici-branco, muruci-branco, murici, murici-da-mata, murici-vermelho, muruci, muruci-da-mata, muruci-, murici, murici-peludo, murici, murici, vermelho	12	0.151	18.2
Malvaceae	<i>Aguiaria</i>	duraquê	1	0.003	0.7
	<i>Apeiba</i>	envira-pente-de-macaco, envira-preta, pente-de-macaco	3	0.607	46.1
	<i>Bombax</i>	mamorana-vermelha, munguba, munguba-da-mata, munguba-da-terra-firme, mungubeira, mamorana, mamorana-da-mata, mamorana-da-terra-firme, mungubarana, mungubira	10	0.556	47.1
	<i>Catostemma</i>	capoteiro-duro	1	0.015	1.4
	<i>Ceiba</i>	mamorana-de-espinho, sumaúma, sumaúma-da-terra-firme, tachi-preto, barriguda, paineira, sumaúma-barriguda	7	0.338	30.7
	<i>Gossypium</i>	algodoeira, algodoeira-da-mata, algodoeiro, tachi-vermelho	4	0.007	1.4
	<i>Guararibea</i>	inajarana	1	0.017	2.9
	<i>Guazuma</i>	murupita, mutamba, mutambeira	3	0.061	5.0
	<i>Luebea</i>	açoita-cavalo, açoita-cavalo, açoita-cavalo	3	0.377	34.6
	<i>Luebeopsis</i>	açoita-cavalorana	1	0.003	0.4
	<i>Matisia</i>	sapotarana, sapota, sapoteiro, cupuaçurana, cupuarana	5	0.070	5.0
	<i>Ochroma</i>	pau-de-balsa, pau-de-jangada	2	0.012	2.1
	<i>Scleronema</i>	cardeiro, cardeiro-vermelho, castanha-de-paca	3	0.512	20.4
	<i>Septotheca</i>	cepoteca	1	0.003	0.4
	<i>Sterculia</i>	tacacazeiro, axixá, castanha-casca-grossa, castanha-de-periquito, envira-xixa, axixá, axixarana, axuarana, capoteiro, envira-capoteiro	10	0.818	64.3
	<i>Theobroma</i>	cupurana, cacau-da-mata, cupuaçu, cacau-cabeça-de-urubu, cacaarana, cupu-bravo, cabeça-de-urubu, cacau-bravo, cupuí	9	0.102	9.3
Melastomataceae	<i>Bellucia</i>	papaterra, paranai, araçá, araçá-da-mata, goiaba-de-anta	5	0.046	6.4

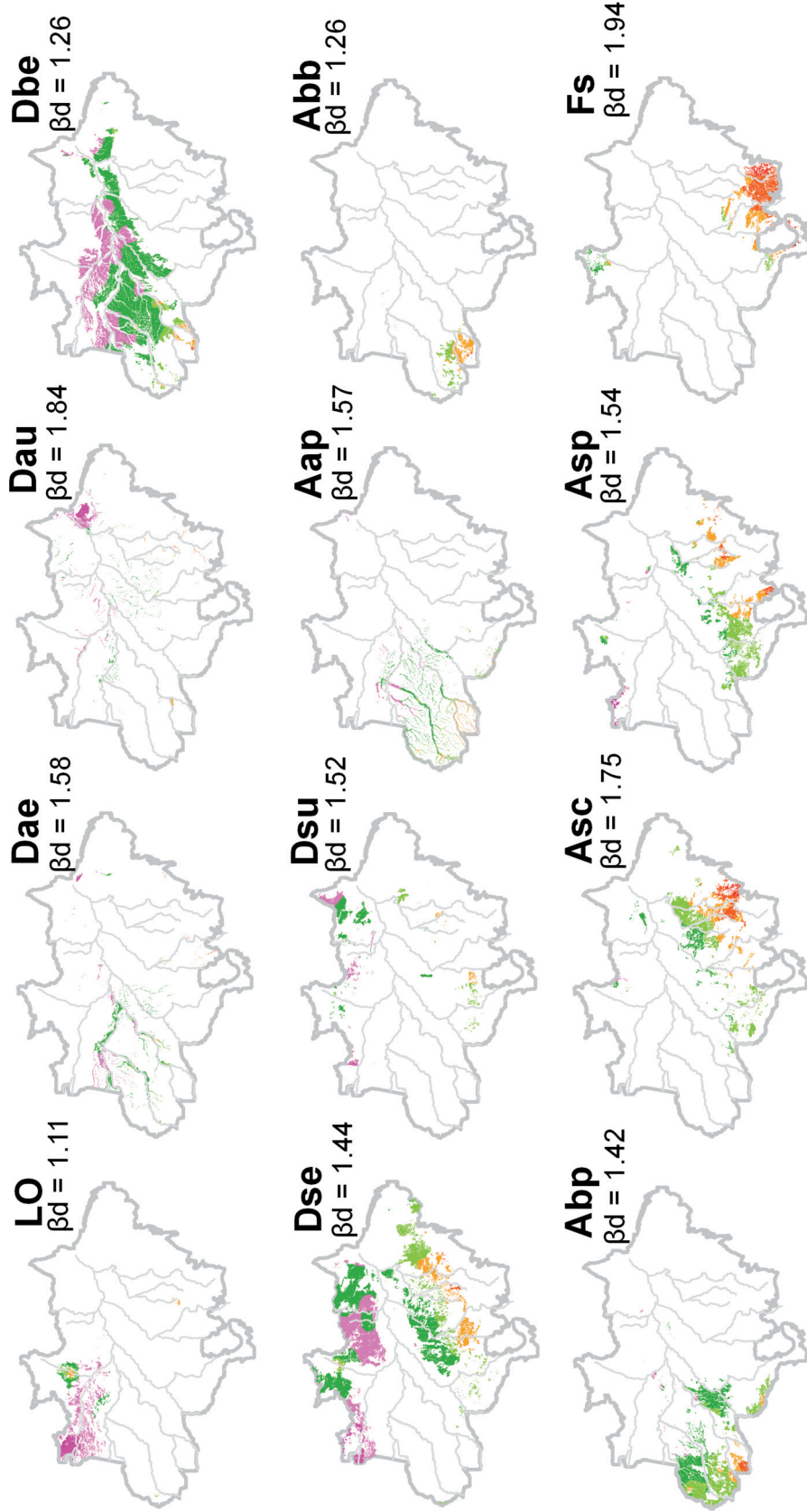
	<i>Miconia</i>	sapateiro, sapoteiro, tinteiro-vermelho, abacate-da-mata, tinteiro, tinteiro-branco, tinteiro	7	0.238	20.7
	<i>Mouriri</i>	muirajuba, muirauba, muirauba-branca, muirauba-escamosa, piranha, muirauba-amarela, socoro, puçá, puçá, puçá	10	0.478	47.1
Meliaceae	<i>Carapa</i>	andiroba	1	0.400	23.2
	<i>Cedrela</i>	cedro, cedro-branco, cedreiro, cedro	7	0.272	29.3
	<i>Guarea</i>	gitó, jitó, marinheiro, andirobarana, andirobinha, canjerana, jitorana, mari, marinheiro, marinheiro	10	0.643	48.6
	<i>Swietenia</i>	mogno	1	0.075	8.9
	<i>Trichilia</i>	cachuá, canjerana, caxuá, jatauba, jatauba-branca, jatoá, trichilia	7	0.213	20.7
Monimiaceae	<i>Siparuna</i>	capitui, capitui-da-mata, capitui, louro-amarelo, louro-capitui, louro-preto	6	0.714	59.6
Moraceae	<i>Bagassa</i>	tatajuba, taxauá	2	0.075	9.3
	<i>Brosimopsis</i>	guariuba-branca, mururé, mururé-vermelho, mururé-branco	4	0.223	25.4
	<i>Brosimum</i>	abacate-da-mata, mururé, janitá-branco, juruta, amapá-doce-folha-grande, caucho-macho, amapá-bravo, garroteiro, muirapiranga, inharé, muiratinga-branca, garrote, muirapiranga-da-várzea, muirapiranga-vermelha, muirapiranga, muirapiranga-branca, morácea-folha-média, morácea-folha-miúda, morácea-casca-preta, morácea-folha-fina, arapiranga, morácea, janitá, amapá-roxo, amapazinho, itauba, amapá-doce-folha-miúda	28	1.219	70.4
	<i>Castilloa</i>	caucho	1	0.116	10.4
	<i>Clarisia</i>	goiabinha, guariuba, guariuba-da-várzea	3	0.697	61.1
	<i>Ficus</i>	caxinguba, caxinguba-preta, caxingubarana, caxingubinha, gameleira, morácea-caxinguba, apuí, apuruí	8	0.224	20.4
	<i>Helicostylis</i>	guariubarana, inharé, mão-de-gato, morácea-mão-de-gato, morácea-mão-de-paca, morácea-unha-de-gato, abacate-da-mata, fava-bolacha, inharé, inharé-branco, inharé-moreira	11	0.554	58.6
	<i>Maclura</i>	limaorana, amarelinho	2	0.002	0.4
	<i>Maquira</i>	morácea-folha-grande, muiratinga, muiratinga-da-mata, muiratinga-da-terra-firme, pameira, rapé-de-índio	6	0.809	58.9
	<i>Morus</i>	amoreira	1	0.002	0.4
	<i>Naucleopsis</i>	morácea-mão-de-onça, muiratinga-amarela, quina	3	0.015	1.4
	<i>Olmediophaena</i>	muiratinga-da-folha-grande, muiratinga-da-várzea	2	0.337	17.9
	<i>Perebea</i>	cauchorana, muiratinga-vermelha	2	0.053	7.5
	<i>Pseudolmedia</i>	inharé-da-folha-peluda, janitá-chocolate, morácea-casca-roxa, morácea-chocolate, morácea-peluda, muirajibóia-branca, muiratinga, muiratinga-da-folha-miúda, pama-chocolate	9	1.078	65.7
Myristicaceae	<i>Iryanthera</i>	ucuuba-folha-grande, ucuuba-vermelha, uxi-amarelo, ucuubarana, apunã, arurá-vermelho, ucuuba-apunã	7	0.888	54.3

	<i>Osteophloeum</i>	arurá-branco, ucuuba-casca-grossa, ucuuba-chorona, ucuubao	4	1.005	58.9
	<i>Virola</i>	arurá, ucuuba-da-mata, ucuuba-da-terra-firme, ucuuba, ucuuba-da-mata, ucuuba-preta, ucuubarana-casca-preta, ucuubarana-preta, ucuuba-folha-peluda, ucuuba-peluda, bicuíba, ucuuba-de-sangue, ucuuba, ucuuba-pavoni, ucuuba-branca, ucuuba-da-várzea, ucuuba-do-igapó	18	1.853	78.9
Myrtaceae	<i>Eugenia</i>	vauna, fruto-de-jabuti, ginja, cagaita	4	0.020	1.4
	<i>Myrcia</i>	murta, arará, arará-preto, goiabinha, murta	5	0.032	6.4
	<i>Myrciaria</i>	goiaba-brava, goiaba-sete-capas, goiabarana, goiabinha, goiabinha-sete-capas, goiabinha-sete-cascas	6	0.119	12.9
Nyctaginaceae	<i>Neea</i>	joão-mole, espadeiro, joão-mole, pau-de-cobra	4	0.233	32.1
Ochnaceae	<i>Cespedesia</i>	malafaia	1	0.002	0.4
Olacaceae	<i>Chaunochiton</i>	pau-vermelho	1	0.007	1.4
	<i>Heisteria</i>	pau-preto	1	0.002	0.4
	<i>Minquartia</i>	acariquara-branca, quariquara, abiorana-vermelha, acariquara, acariquara-roxa, acariquara-vermelha, acariquarana	7	0.565	38.2
	<i>Ptychopetalum</i>	marapuama, muirapuama	2	0.003	0.7
Opiliaceae	<i>Agonandra</i>	marfim, pau-marfim	2	0.082	11.1
Phytolaccaceae	<i>Gallesia</i>	paticutata, pau-alho	2	0.017	1.4
Podocarpaceae	<i>Podocarpus</i>	jasminzeiro, pinho-bravo	2	0.005	1.1
Podostemaceae	<i>Mourera</i>	caruru	1	0.002	0.4
Polygonaceae	<i>Coccoloba</i>	cará-açu, coccoloba, pajéu	3	0.002	0.4
	<i>Triplaris</i>	tachi-caraquento, tachi-da-várzea, tachi-do-igapó, pajéu	4	0.121	8.2
Proteaceae	<i>Euplassa</i>	louro-faia, carvalho-do-brasil, carvalho-do-brasil	3	0.015	2.9
	<i>Panopsis</i>	faeira-do-igapó	1	0.002	0.4
	<i>Roupala</i>	faeira, faeira-branca, faeira-vermelha, carvalho-do-campo, carne-de-vaca, carne-de-vaca, faeira	7	0.071	12.5
Rhamnaceae	<i>Cormonema</i>	maranhoto	1	0.003	0.7
Rhizophoraceae	<i>Anisophyllea</i>	maria-preta	1	0.049	2.9
	<i>Sterigmaphetalum</i>	muricirana, murucirana	2	0.010	2.1
Rubiaceae	<i>Alibertia</i>	paruruzinho, puruizinho, marmelada	3	0.003	0.7
	<i>Capirona</i>	escorrega-macaco, mulateiro, mulateiro-da-terra-firme, pau-mulato, pau-mulato-da-terra-firme	5	0.264	25.7
	<i>Chimarrhis</i>	pau-de-remo	1	0.056	8.6
	<i>Dialypetalanthus</i>	pau-de-remorana	1	0.027	2.5
	<i>Duroia</i>	piquiá-marfim, puruí, puruí-grande	3	0.044	5.0
	<i>Ferdinandusa</i>	bacabinha, bacabinha-fina, bacabinha-quina, bacabinha-quina-branca	4	0.034	5.0
	<i>Henriquezia</i>	casca-amarela, macaca-patrona	2	0.015	1.1
	<i>Hyperacanthus</i>	jenipapeiro, jenipapo	2	0.043	5.4
	<i>Kotchubaea</i>	puruirana	1	0.012	1.1
	<i>Simira</i>	pau-de-arara	1	0.014	2.1
	<i>Thieleodoxa</i>	puruí-do-igapó	1	0.002	0.4
	<i>Uncaria</i>	unha-de-gato	1	0.002	0.4

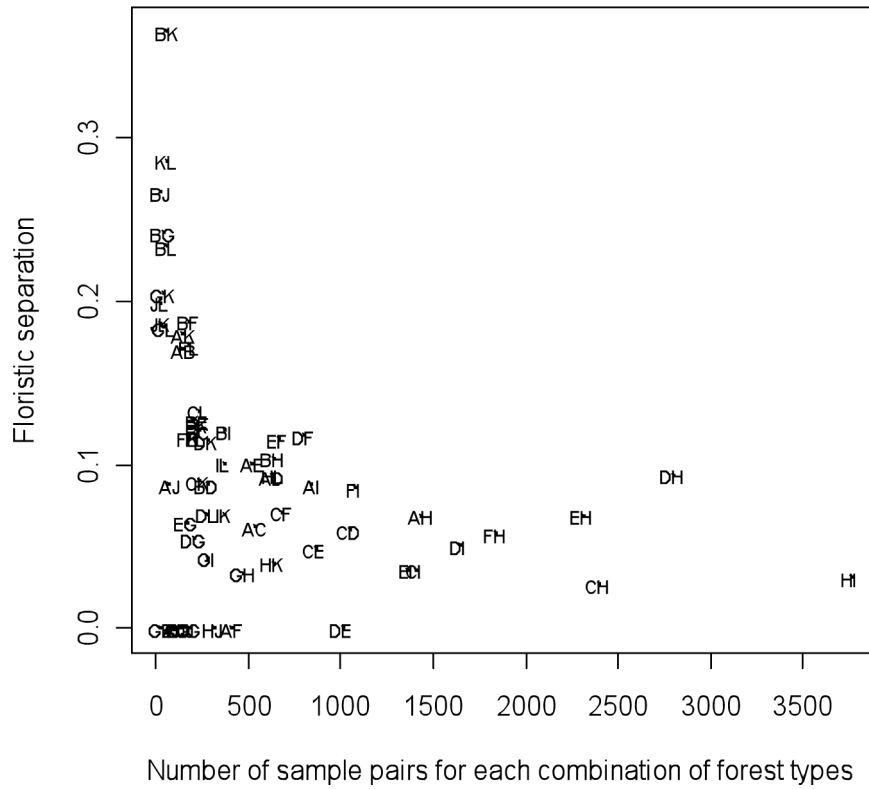
Rutaceae	<i>Euxylophora</i>	pau-amarelo	1	0.014	2.1
	<i>Fagara</i>	mama-de-porca, mamica-de-porca, tamanqueira-da-várzea, limão-da-mata, limãozinho, tamanqueira	6	0.155	18.9
Salicaceae	<i>Metrodorea</i>	laranjarana, laranjinha	2	0.009	1.4
	<i>Banara</i>	andorinha, andorinha-da-mata, roseteira	3	0.017	2.5
	<i>Carpotroche</i>	urucurana-cacau	1	0.005	0.7
	<i>Hasseltia</i>	jatoá, juá, juazeiro	3	0.206	20.7
	<i>Laetia</i>	apijó, castanha-casca-jacaré, castanha-jacaré, pau-jacaré, piraruca, tunimarana	6	0.352	40.7
	<i>Lindackeria</i>	farinha-seca	1	0.009	1.1
	<i>Xylosma</i>	espinhosa-de-cutia	1	0.002	0.4
Sapindaceae	<i>Cupania</i>	pau-de-espeto-da-várzea	1	0.005	0.7
	<i>Toulicia</i>	canela-do-igapó, caneleiro-do-igapó, espeturana, mucurão, pau-de-espeto, pitomba, pitomba-da-mata, pitombarana	8	0.032	6.4
Sapotaceae	<i>Chrysophyllum</i>	abiorana-balatinha, abiorana-rosadinha, balata-rosada, balata-rosadinha, balata-rosada, balata-rosadinha, cuquirana-verdadeira, cuquirana, cuquirana-brava, abiorana-cuquirana, balatarana, abiorana-sanguinolenta, abiorana-ucuuba, amapá-doce, rosada-vermelha, abiorana-seca, abiorana-vermelha, abiorana-folha-vermelha, abiorana-mocambo, caramuri, caramuri-do-igapó, abiorana-olho-de-veado, angelim-rajado, abiorana-caramuri, abiorana-caramuri-do-igapórosadinha, abiorana-camitiê, balatinha, chicle-bravo	27	2.489	87.5
	<i>Ecclinusa</i>	abiorana-balata, balata	2	0.031	2.1
	<i>Manilkara</i>	não reportado	2	0.906	55.4
	<i>Micropholis</i>	abiorana-quadrada, abiorana-balatarana, abiorana-rosada, abiorana-rosada-brava, mangabarana-folha-grande, rosada, rosada-brava, roseira, abiorana-goabinha, abiorana-mangabarana, balata-brava, mangabarana, abiorana-goabinha, abiorana-mangabinha, mangabinha	15	0.886	53.9

	<i>Pouteria</i>	abiorana-amarela, abiorana-casca-grossa, abiorana-leite-amarelo, abiorana-cladantha, abiorana-paruru, cabeça-de-macaco, abiorana-cutite, abiorana-folha-grande, cutite, cutitiriba, abiorana-preta, abiorana-ucuubarana, abiorana-casca-roxa, abiorana-roxa, pariri, abiorana-do-baixio, abiorana-do-igapó, abiorana-benguê, abiorana-branca, abiorana-cinza, abio-seco, abio-sem-leite, abiorana-abio, abiorana-casca-fina, abiorana-casca-seca, abiorana-seca, abiorana-sem-leite, casca-seca, abiorana-abio, abiorana-bacuri, abiorana-cabeça-de-macacogujará-pedra, beloca, guajará-branco, abiorana-maçaranduba, abiorana-maparajuba, maçarandubinha, maparajuba-de-sapopema, maparajubarana, abiorana-da-várzea, abiorana-gujará, guajará, abiorana-dourada, abiorana-douradinha, abiorana-ferrugem, guajará-bolacha, abio-carriola, abiorana, abiorana-batinga, abiorana-branca-da-várzea, abiorana-comprida, abiorana-folha-fina, abiorana-folha-miúda, abiorana-fruto-amarelo, abiorana-manga-de-anta, abiorana-manichi, abiorana-peluda, batinga, fava-folha-fina, guajará-leite, ucuqui, ucuquiuba, abiorana-sabiá, abio-carriola, curriola	66	6.193	97.9
	<i>Pradosia</i>	abiorana-casca-doce, casca-doce, pau-casca-doce	3	0.196	22.1
	<i>Sarcaulus</i>	abiorana-jaraí, ajaraí, caramuri-jaraí, guajará, jaraí	5	0.063	7.5
Saxifragaceae	<i>Dactyloides</i>	louro-anuerá	1	0.043	2.5
Simaroubaceae	<i>Simaba</i>	pau-para-tudo, cajurana, maruparana	3	0.019	3.6
	<i>Simarouba</i>	marupá, marupauba, marupazinho, marupá	4	0.595	52.5
Solanaceae	<i>Duckeodendron</i>	pupunharana	1	0.017	2.9
Ulmaceae	<i>Trema</i>	candiúba, cumirana, trema, trema-micranta	4	0.005	1.1
Urticaceae	<i>Cecropia</i>	imbauba-branca, imbauba-da-mata, imbauba, imbauba-torém, imbauba-vermelha, imbaubão, torém, imbauba	8	0.337	28.9
	<i>Pourouma</i>	imbauba-pouroma, imbaubarana, imbaurana, imbauba-benguê, mapati, mapatira, mapatirana, mapatirana-vermelha, mapatirana-folha-dura, mapatirana-folha-grande, mapati-branco	11	0.532	36.4
Verbenaceae	<i>Vitex</i>	tarumã, tarumã-grande, turima, tarumã, tarumã, tarumã-preto	6	0.185	23.6
Violaceae	<i>Rinorea</i>	acariquara-da-várzea, acariquara-quari, acariquarana, quariquarana, canela-de-jacamim, canela-de-velho	6	0.168	20.0
Vochysiaceae	<i>Erisma</i>	maueira, jaboti-da-várzea, japurá, jaboti-vermelho, jabuti-vermelho, cachimbo-de-jabuti, mandioqueira-cachimbo-de-jabuti, pé-de-jaboti, quaruba-roxa, quarubarana, verga-de-jaboti, vergalho-de-jaboti	12	0.607	43.6

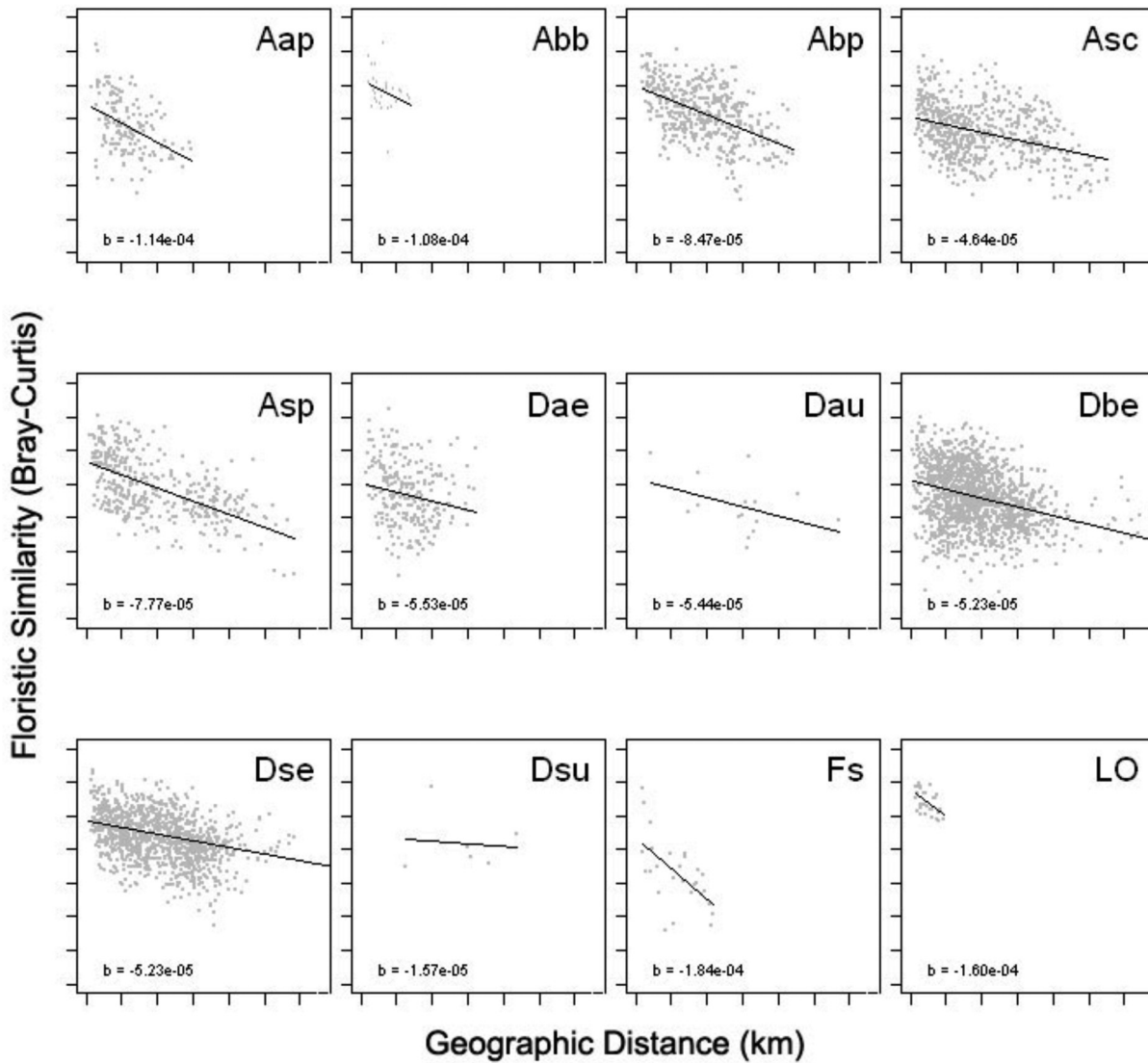
<i>Qualea</i>	mandioqueira-branca, mandioqueira-lisa, quaruba-lisa, mandioqueira-azul, mandioqueira-da-várzea, quaruba-azul, mandioqueira-rosa, mandioqueirado-brejo, pau-terra, mandioqueira, mandioqueira-aspera, mandioqueiracasca-grossa, mandioqueira-escamosa, mandioqueira-rosa, mandioqueira-roxa, mandioqueira-vermelha, muirajibóia-vermelha, mandioqueira, mandioqueira-amarela, mandioqueira-aracati, mandioqueira-escamosa, pau-terra, pau-terra, pau-terra-de-folha-miúda, pau-terrinha, pau-terra, pau-terra-de-folha-miúda	27	1.558	64.3
<i>Vochysia</i>	quaruba-branca, quaruba-escamosa, quarubarana, quarubatinga, guariuba, quaruba, quaruba-rosa, quaruba-canga, quaruba-cedro, quaruba-cedro-da-terra-firme, quaruba-vermelha, escorrega-macaco, pau-doce, pau-de-tucano, cambará, pau-doce, pau-terra, quaruba, quaruba-cedro	19	1.177	56.8



Appendix S3. Geographic distribution of the twelve forest types in the Brazilian Amazon. See Table 1 for full names. Within-type beta diversity is the number of half-changes: $\beta_d = (\log(1 - \text{average internal dissimilarity}))/\log 0.5$. Colors show overall floristic change across all 1196 inventories from all twelve types, using a single-axis ordination (as in Fig. 2A). This one map was then “clipped” to the extent of each forest type.



Appendix S4. Relation between number of samples for each of the 66 pairwise combinations of forest types and the floristic separation between the two types (see Fig. 4 for separation details). Widespread forest types had more samples and showed poor floristic separation. About half of forest-type pairs exceed R^2 value of 0.09, considered to be floristically well separated (see text). For most of these pairs, one or both forest types were geographically restricted, thus had few inventories. Each letter represents one of twelve forest types compared. A = Aap; B = Abb; C = Abp; D = Asc; E = Asp; F = Dae; G = Dau; H = Dbe; I = Dse; J = Dsu; K = LO; L = Fs. See Table 1 and Appendix S2 for forest type codes and descriptions.



Appendix S5. Floristic similarity between sample pairs within each forest type, as a function of geographic distance. Tick marks on the x-axis are 500 km intervals. The coefficient “b” refers to inclination of regression lines. See Table 1 and Appendix S2 for forest type codes and descriptions.

Appendix S6. Floristic trend of large canopy trees (interpolated scores of the 296 samples in a single-axis NMDS ordination) in Brazilian Amazon. For details see the full article.

Download the zip file with shapefile and layer files as [FloristicClasses.zip](#)

References

Veloso, H. et al. 1991. Classificação da vegetação brasileira adaptada a um sistema universal. – Inst. Brasileiro de Geografia e Estatística, Rio de Janeiro.