**Supplementary Information II**

All the patches demonstrated elevated proportions of singletons and doubletons. The highest proportions were recorded in MDM (61%), MOP (61%), and MAA (57%); MDB (47%) and MDD (48%) recorded lower proportions than the other patches.



Relative abundance of plant species (log10 pi) sampled in five forest patches with the occurrence of the blonde capuchin monkey (*Sapajus flavius*) in north-eastern Brazil. MDM = Mata dos Macacos, MAA = Mata de Água Azul, MDD = Mata da Divisa, MDB = Mata de Bujari, MOP = Mata dos Oito Porcos.

The shade (able to develop in the understory under dense shade conditions) and non-shade tolerant (occur in large and small treefall gaps or forest edges and are light-dependent) species were classified following Gandolfi *et al*. (1995). On average, we recorded 31.8 ± 10.7 shade-tolerant species and 9.8 ± 2.9 non-shade tolerant species per forest patch. Three shade-tolerant and old-growth species, *P. schomburgkiana*, *Bowdichia virgilioides*, and *Dialium guianense* were recorded with high abundances, occupying the second, third, and eighth place in the rank of the most abundant species in the forest patches, respectively. However, most of the more abundant plant species were shade-intolerant, such as *Tapirira guianensis*, *Thyrsodyum spruceanum*, *Byrsonima sericea*, *Protium heptaphyllum*, and the exotic tree *A. heterophyllus*.

Floristic and structural characterization of forest patches with occurrence of the blonde capuchin monkeys (*Sapajus flavius*) in the state of Pernambuco, north-eastern Brazil. \*ST = Shade tolerant species, NST = Non-shade tolerant species. MDM = Mata dos Macacos, MAA = Mata de Água Azul, MDD = Mata da Divisa, MDB = Mata de Bujari,  MOP = Mata dos Oito Porcos. 1Values between parentheses representing the number of trees and lianas, respectively.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Forest patch | Abundance1 | Family | Genus | Species | Plant Density | Basal area (m2) | NST\* | ST\* | Elevation (m) |
| MDM | 375 (307-68) | 26 | 38 | 53 | 22.3 | 5.11 | 10 | 24 | 94 |
| MAA | 365 (333-32) | 40 | 68 | 123 | 21.7 | 6.32 | 13 | 47 | 453 |
| MDD | 337 (304-33) | 33 | 49 | 71 | 20.0 | 3.08 | 5 | 20 | 53 |
| MDB | 284 (258-26) | 23 | 36 | 49 | 16.9 | 2.97 | 10 | 37 | 94 |
| MOP | 321 (261-60) | 41 | 70 | 96 | 19.1 | 5.83 | 11 | 31 | 525 |
| Mean±SD | 336±36 | 33±8 | 52±16 | 78±31 | 20±2.2 | 4.6±1.6 | 9.8±2.9 | 31.8±10.7 | 243.8±225.9 |

List of botanical species, with their respective ecological classifications (ecological groups), present (P) in the forest patches with the occurrence of the blonde capuchin monkey (*Sapajus flavius*) in Pernambuco, northeastern Brazil. The classification of ecological groups was based on Brandão *et al.* (2009); Flora Brasil (2020); Gandolfi *et al*. (1995); Marangon *et al.* (2010); Oliveira *et al*. (2011). \*Ecological groups: ST = Shade tolerant species, NST = Non-shade tolerant species, NC = no classification. Forest Patches: MDM = Mata dos Macacos, MAA = Mata de Água Azul, MDD = Mata da Divisa, MDB = Mata de Bujari, MOP = Mata dos Oito Porcos.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Family** | **Species** | **Tree/Lianas** | **Ecological group\*** | **Forest patches** |
| **MDM** | **MAA** | **MDD** | **MDB** | **MOP** |
| Anacardiaceae | *Tapirira guianensis* Aubl. | Tree | NST | P | P | P | P | P |
| *Thyrsodium spruceanum* Benth. | Tree | ST | P | P | P |  | P |
| Annonaceae | *Anaxagorea dolichocarpa* Sprague & Sandwith | Tree | ST |  |  | P |  |  |
| *Annona salzmannii* A.DC. | Tree | NC |  |  | P |  |  |
| Annonaceae 1 | Tree | NC |  |  |  | P |  |
| Annonaceae 2 | Tree | NC |  |  |  | P |  |
| *Guatteria pogonopus* Mart. | Tree | NC |  | P |  |  | P |
| *Guatteria schomburgkiana* Mart.  | Tree | ST | P | P | P | P |  |
| *Xylopia* cf. *aromatica*  | Tree | NC |  |  |  |  | P |
| *Xylopia frutescens* Aubl. | Tree | ST |  |  |  |  | P |
| Apocynaceae | Apocynaceae 1 | Liana | NC |  | P |  |  |  |
| Apocynaceae 2 | Liana | NC |  | P |  |  |  |
| *Aspidosperma discolor* A.DC. | Tree | ST |  | P |  |  | P |
| *Aspidosperma melanocalyx* Müll.Arg. | Tree | NC |  |  |  | P |  |
| *Aspidosperma spruceanum* Benth. ex Müll.Arg.  | Tree | ST  |  | P |  |  |  |
| *Himatanthus phagedaenicus* (Mart.) Woodson  | Tree | NST | P | P | P | P | P |
| *Odontadenia lutea* (Vell.) Markgr.  | Liana | NC |  |  |  |  | P |
| *Rauvolfia grandiflora* Mart. ex A.DC. | Tree | ST |  |  | P |  | P |
| Aquifoliaceae | *Ilex sapotifolia* Reissek  | Tree | NC |  | P | P |  | P |
| Araliaceae | *Didymopanax morototoni* (Aubl.) Decne. & Planch. | Tree | NST | P | P |  |  | P |
| Arecaceae | *Elaeis guineensis* Jacq. | Tree | NST | P |  | P |  |  |
| Bignoniaceae | *Adenocalymma comosum* (Cham.) DC. | Liana | NC |  | P |  | P | P |
| Bignoniaceae  | Liana | NC |  |  |  |  | P |
| *Handroanthus* sp.  | Tree | NC |  |  |  |  | P |
| *Jacaranda* sp. | Tree | NC |  | P |  |  |  |
| Boraginaceae | *Cordia nodosa* Lam. | Tree | NST |  |  |  | P |  |
| *Cordia sellowiana* Cham. | Tree | ST |  | P |  |  | P |
| *Cordia superba* Cham. | Tree | ST |  |  | P |  |  |
| Burseraceae | *Protium aracouchini* (Aubl.) Marchand | Tree | ST | P |  | P |  |  |
| *Protium catuaba* (Soares da Cunha) Daly & P. Fine | Tree | NC |  | P |  |  |  |
|  | *Protium giganteum* Engl. | Tree | ST | P | P | P | P |  |
| *Protium heptaphyllum* (Aubl.) Marchand | Tree | ST | P | P | P | P | P |
| Celastraceae | *Cheiloclinium serratum* (Cambess.) A.C.Sm. | Liana | ST |  |  |  | P | P |
| *Monteverdia distichophylla* (Mart. ex Reissek) Biral | Tree | ST | P |  | P | P |  |
| Chrysobalanaceae | *Licania kunthiana* Hook.f. | Tree | ST |  | P |  |  | P |
| *Licania parvifolia* Huber  | Tree | ST |  | P |  |  |  |
| Clusiaceae | *Garcinia gardneriana* (Planch. & Triana) Zappi | Tree | SI |  | P |  |  |  |
| *Symphonia globulifera* L.f. | Tree | NST |  |  | P |  | P |
| *Tovomita guianensis* Aubl. | Tree | ST |  | P |  |  |  |
| Connaraceae | *Connarus aff detersus*  | Liana | NC |  |  |  | P |  |
| *Connarus blanchetti* Planch. | Liana | NC | P | P | P |  | P |
| Dilleniaceae | *Davilla macrocarpa* Eichler  | Liana | NC | P |  |  |  | P |
| *Davilla nitida* (Vahl) Kubitzki | Liana | NC | P | P | P |  | P |
| *Davilla* sp. | Liana | NC |  |  |  |  | P |
| Elaeocarpaceae | *Sloanea guianensis* (Aubl.) Benth. | Tree | NC |  | P | P | P |  |
| Erythroxylaceae | *Erythroxylum mucronatum* Benth. | Tree | NC |  | P | P |  |  |
| *Erythroxylum passerinum* Mart. | Tree | NC |  |  |  |  | P |
| *Erythroxylum* sp. | Tree | NC |  | P |  |  |  |
| *Erythroxylum squamatum* Sw. | Tree | ST |  | P | P |  |  |
| Euphorbiaceae | *Mabea occidentalis* Benth. | Tree | ST |  | P |  |  | P |
| *Aparisthmium cordatum* (A.Juss.) Baill. | Tree | NC |  | P |  |  |  |
| Fabaceae | *Albizia pedicellaris* (DC.) L. Rico | Tree | NST | P | P | P |  |  |
| *Albizia polycephala* (Benth.) Killip ex Record  | Tree | ST |  |  |  |  | P |
| *Andira nitida* Mart. ex Benth. | Tree | ST |  |  |  | P |  |
| *Bowdichia virgilioides* Kunth  | Tree | ST | P | P | P | P | P |
| *Chamaecrista ensiformis* (Vell.) H.S.Irwin & Barneby | Tree | ST |  |  |  |  | P |
| *Copaifera langsdorffii* Desf. | Tree | ST |  | P |  |  |  |
| *Dialium guianense* (Aubl.) Sandwith | Tree | ST | P | P |  | P  |  |
| *Dioclea* sp. 1 | Liana | NC |  |  |  | P |  |
| *Dioclea* sp. 2 | Liana | NC |  |  |  |  | P |
| Fabaceae | Tree | NC |  | P |  |  |  |
| *Hymenaea cf. oblongifolia*  | Tree | NC |  | P |  |  |  |
| *Hymenaea courbaril* L. | Tree | ST |  | P |  |  |  |
| *Inga blanchetiana* Benth. | Tree | ST | P |  |  |  |  |
|  | *Inga capitata* Desv. | Tree | ST |  |  | P | P |  |
| *Inga* sp. 1 | Tree | ST |  | P | P |  |  |
| *Inga* sp. 2 | Tree | NC |  | P | P |  |  |
| *Inga* *thibaudiana* DC. | Tree | NC | P | P | P |  | P |
| *Machaerium hirtum* (Vell.) Stellfeld | Tree | NST |  |  |  |  | P |
| *Parkia pendula* (Willd.) Benth. ex Walp. | Tree | ST |  | P | P | P |  |
| *Plathymenia reticulata* Benth.  | Tree | ST |  |  | P |  | P |
| *Schnella outimouta* (Aubl.) Wunderlin | Liana | NC |  | P |  |  |  |
| *Senna quinquangulata* (Rich.) H.S.Irwin & Barneby | Liana | NST |  | P |  |  | P |
| *Swartza* sp. | Tree | NC |  |  |  | P |  |
| *Tachigali* *densiflora* (Benth.) L.G.Silva & H.C.Lima | Tree | NC |  | P |  | P |  |
| *Zollernia paraensis* Huber. | Tree | ST |  | P |  |  |  |
| Hernandiaceae | *Sparattanthelium botocudorum* Mart. | Liana | NC | P |  |  |  |  |
| Humiriaceae | *Sacoglottis mattogrossensis* Malme | Tree | NC |  |  | P | P |  |
| Hypericaceae | *Vismia guianensis* (Aubl.) Choisy | Tree | NST |  | P |  |  |  |
| Lauraceae | *Ocotea canaliculata* (Rich.) Mez | Tree | NST |  |  |  | P |  |
| *Ocotea* cf. *indecora*  | Tree | NC |  |  | P | P |  |
| *Ocotea divaricata* (Nees) Mez  | Tree | ST |  | P |  |  |  |
| *Ocotea gardneri* (Meisn.) Mez | Tree | ST |  |  | P |  |  |
| *Ocotea glomerata* (Nees) Mez | Tree | ST |  |  |  |  | P |
| *Ocotea limae* Vattimo-Gil  | Tree | NC |  | P | P |  |  |
| *Ocotea longifolia* Kunth | Tree | ST |  | P |  |  | P |
| *Ocotea* sp. 1 | Tree | NC |  | P |  |  |  |
| *Ocotea* sp. 2 | Tree | NC |  |  |  |  | P |
| Lecythidaceae | *Eschweilera ovata* (Cambess.) Mart. ex Miers | Tree | NST | P | P | P | P | P |
| *Lecythis pisonis* Cambess. | Tree | ST |  |  |  |  | P |
| Loganiaceae | *Strychnos* sp. | Liana | NC |  | P |  |  |  |
| Malpighiaceae | *Banisteriopsis nummifera* (A.Juss.) B.Gates  | Liana | NC | P | P | P | P | P |
| *Byrsonima sericea* DC. | Tree | ST | P | P | P |  | P |
| *Byrsonima stipulacea* A. Juss. | Tree | ST |  | P |  |  |  |
| *Heteropterys nordestina* Amorim | Liana | NC |  |  | P |  |  |
| Malpighiaceae 1 | Liana | NC |  |  | P |  |  |
| Malpighiaceae 2 | Liana | NC |  |  |  | P |  |
| *Niedenzuella acutifolia* (Cav.) W.R.Anderson | Liana | NC |  | P |  |  |  |
| *Tetrapterys mucronata* Cav. | Liana | NC |  |  |  | P |  |
| Malvaceae | *Eriotheca macrophylla* (K.Schum.) A.Robyns | Tree | ST |  | P | P | P | P |
|  | *Luehea ochrophylla* Mart. | Tree | ST | P | P |  |  | P |
| Melastomataceae | *Henriettea succosa* (Aubl.) DC. | Tree | ST |  |  |  |  | P |
| *Miconia affinis* DC. | Tree | NST |  | P |  |  |  |
| *Miconia amacurensis* Wurdack | Tree | NST |  | P |  |  |  |
| *Miconia calvences* DC. | Tree | NST |  | P |  |  |  |
| *Miconia hypoleuca* (Benth.) Triana | Tree | NST |  | P |  |  |  |
| *Miconia prasina* (Sw.) DC. | Tree | NST | P |  | P |  | P |
| *Miconia pyrifolia* Naudin | Tree | NST |  | P | P |  |  |
| *Miconia tomentosa* (Rich.) D.Don | Tree | NST |  |  | P |  |  |
| *Miconia* sp. 1 | Tree | NC | P |  |  |  |  |
| *Miconia* sp. 2 | Tree | NC |  |  |  |  | P |
| Meliaceae | *Guarea guidonia* (L.) Sleumer | Tree | ST |  | P |  |  |  |
| *Trichilia lepidota* Mart. | Tree | ST | P |  | P | P |  |
| *Trichilia* sp. | Tree | NC |  | P |  |  |  |
| Menispermaceae | *Chondrodendron platiphyllum* (A.St.-Hil.) Miers | Liana | NC |  |  |  | P |  |
| Moraceae | *Artocarpus heterophyllus* Lam.  | Tree | NC |  |  |  |  | P |
| *Brosimum guianense* (Aubl.) Huber | Tree | ST | P | P | P | P | P |
| *Brosimum rubescens* Taub. | Tree | ST |  | P |  |  |  |
| *Clarisia racemosa* Ruiz & Pav. | Tree | ST |  | P |  |  |  |
| *Ficus* sp. | Tree | NC |  | P |  |  | P |
| *Helicostylis tomentosa* (Poepp. & Endl.) Rusby | Tree | ST |  | P | P | P | P |
| *Sorocea guilleminiana* Gaudich.  | Tree | ST | P |  |  |  | P |
| Myristicaceae | *Virola gardineri* (A.DC.) Warb. | Tree | ST |  | P |  |  |  |
| Myrtaceae | *Campomanesia* *aromatica* (Aubl.) Griseb. | Tree | ST |  |  |  |  | P |
| *Campomanesia dichotoma* (O.Berg) Mattos | Tree | ST | P |  |  |  |  |
| *Eugenia* sp.1 | Tree | NC |  | P |  |  |  |
| *Eugenia* sp. 2 | Tree  | NC |  | P |  |  |  |
| *Eugenia* sp. 3 | Tree | NC |  | P |  |  | P |
| *Myrcia* sp.1 | Tree | NC |  | P |  |  |  |
| *Myrcia* sp.2 | Tree | NC |  | P |  |  |  |
| *Myrcia* sp.3 | Tree | NC |  | P |  |  |  |
| *Myrcia guianensis* (Aubl.) DC. | Tree | ST | P |  |  | P |  |
| *Myrcia racemosa* (O.Berg) Kiaersk. | Tree | NC |  | P | P | p |  |
| *Myrcia splendens* (Sw.) DC. | Tree | ST |  | P | P |  |  |
|  | *Myrcia spectalibis* DC. | Tree | NC |  |  |  |  | P |
| *Myrcia sylvatica* (G.Mey.) DC. | Tree | ST |  | P |  |  |  |
| Myrtaceae 1 | Tree | NC | P |  |  |  |  |
| Myrtaceae 2 | Tree | NC | P |  |  |  |  |
| Myrtaceae 3 | Tree | NC |  | P |  |  |  |
| Myrtaceae 4 | Tree | NC |  | P |  |  |  |
| Myrtaceae 5 | Tree | NC |  |  |  | P |  |
| Nyctaginaceae | *Guapira* cf. *laxa* (Netto) Furlan | Tree | NC |  |  |  |  | P |
| *Guapira opposita* (Vell.) Reitz | Tree | ST | P |  | P |  | P |
| Ochnaceae | *Ouratea polygyna* Engl. | Tree | NC |  | P |  |  | P |
| *Ouratea* sp. | Tree | NC |  |  |  |  | P |
| Passifloraceae | *Passiflora contracta* Vitta | Liana | NC | P | P |  |  |  |
| *Passiflora* sp. 1 | Liana | NC | P |  |  |  |  |
| *Passiflora* sp. 2 | Liana | NC |  |  |  |  | P |
| Peraceae | *Chaetocarpus myrsinites* Baill. | Tree | NST | P |  |  |  |  |
| *Chaetocarpus* sp.  | Tree | NC |  |  |  |  | P |
| *Pera glabrata* (Schott) Baill. | Tree | ST |  |  | P |  |  |
| Peraceae  | Tree | NC |  | P |  |  |  |
| *Pogonophora schomburgkiana* Miers ex Benth. | Tree | ST | P |  | P | P | P |
| Phyllanthaceae | *Hyeronima oblonga* (Tul.) Müll.Arg. | Tree | SI |  | P |  |  | P |
| *Phyllanthus* sp. | Tree | NC |  |  |  |  | P |
| Picramniaceae | *Picramnia* sp. | Tree | NC |  |  | P |  |  |
| Polygonaceae | *Coccoloba lucidula* Benth. | Liana | NC | P |  |  | P |  |
| *Coccoloba mollis* Casar. | Tree | ST |  |  | P |  |  |
| *Coccoloba parimensis* Benth. | Liana | NC | P | P | P |  | P |
| *Coccoloba striata* Benth. | Liana | NC | P |  |  | P | P |
| Primulaceae | *Myrsine guianensis* (Aubl.) Kuntze | Tree | ST |  |  |  |  | P |
| Proteaceae | *Roupala* sp. | Tree | NC |  |  | P |  |  |
| Quiinaceae | *Quiina cruegeriana* Griseb. | Tree | ST |  | P |  |  |  |
| Ranunculaceae | *Clematis dioica* L. | Liana | NC |  |  |  |  | P |
| Rubiaceae | *Alseis pickelii* Pilg. & Schmale | Tree | ST | P |  | P |  |  |
|  | *Amaioua glomerulata* (Lam. ex Poir.) Delprete & C.Persson | Tree | ST |  | P |  |  |  |
| *Coffea arabica* L.  | Tree | ST |  |  |  |  | P |
| *Malanea* Aubl. sp.  | Liana | NC | P |  |  |  | P |
| *Palicourea* sp. 1 | Tree | NC |  | P |  |  |  |
| *Palicourea* sp. 2 | Tree | NC |  |  |  |  | P |
| *Psychotria carthagenensis* Jacq. | Tree | ST | P |  | P |  |  |
| Rubiaceae 1 | Tree | NC |  | P |  |  |  |
| Rubiaceae 2 | Tree | NC |  |  |  |  | P |
| Rubiaceae 3 | Liana | NC |  |  | P |  |  |
| Tocoyena sellowiana (Cham. & Schltdl.) K.Schum. | Tree | NC |  | P |  |  |  |
| Salicaceae | *Casearia arborea* (Rich.) Urb. | Tree | ST |  | P |  |  |  |
| *Casearia sylvestris* Sw. | Tree | NST | P |  |  |  | P |
| Sapindaceae | *Allophylus edulis* (A.St.-Hil. et al.) Hieron. ex Niederl. | Tree | NST | P |  |  |  |  |
| *Cupania emarginata* Cambess.  | Tree | NST |  | P | P |  |  |
| *Cupania impressinervia* Acev.-Rodr. | Tree | NST |  |  | P | P | P |
| *Cupania oblongifolia* Mart. | Tree | ST |  | P |  |  | P |
| *Cupania racemosa* (Vell.) Radlk. | Tree | ST |  |  | P |  | P |
| *Cupania* sp. | Tree | NC | P |  |  |  |  |
| *Paullinia* sp. | Liana | NC |  |  |  |  | P |
| *Paullinia trigonia Vell.* | Liana | NC | P |  |  |  |  |
| *Serjania multiflora* Cambess.  | Liana | NC |  |  |  |  | P |
| *Serjania paucidentata* DC. | Liana | NST | P | P | P |  | P |
| *Serjania salzmanniana* Schltdl | Liana | NC | P |  |  |  |  |
| *Talisia retusa* Cowan | Tree | ST |  | P | P | P |  |
| Sapotaceae | *Manilkara dardanoi* Ducke  | Tree | ST |  |  | P |  |  |
| *Manilkara* sp. | Tree | NC | P |  |  |  |  |
| *Pouteria bangii* (Rusby) T.D.Penn. | Tree | ST |  | P | P | P |  |
| *Pouteria* cf. *reticulata* | Tree | NC |  | P |  |  |  |
| *Pouteria gardneri* (Mart. & Miq.) Baehni | Tree | ST |  | P | P |  |  |
| *Pouteria grandiflora* (A.DC.) Baehni  | Tree | ST |  | P |  | P | P |
| *Pouteria* sp. | Tree | NC |  | P | P |  |  |
| *Pouteria torta* (Mart.) Radlk. | Tree | ST |  |  |  |  | P |
| *Pradosia lactescens* (Vell.) Radlk. | Tree | ST | P |  |  |  |  |
| Schoepfiaceae | *Schoepfia brasiliensis* A.DC. | Tree | ST |  | P |  |  |  |
| Simaroubaceae | *Simarouba amara* Aubl. | Tree | ST |  |  | P |  | P |
| Siparunaceae | *Siparuna guianensis* Aubl. | Tree | ST |  |  |  |  | P |
| Smilacaceae | *Smilax* sp. | Liana | NC |  |  |  |  | P |
| Solanaceae | *Brunfelsia* sp. | Tree | NC |  |  |  |  | P |
| Stemonuraceae | *Discophora guianensis* Miers | Tree | NC |  | P |  |  |  |
| Urticaceae | *Cecropia pachystachya* Trécul | Tree | NST |  | P |  |  |  |
| Violaceae | *Amphirrhox longifolia* (A.St.-Hil.) Spreng. | Tree | NC |  |  |  |  | P |
| *Paypayrola blanchetiana* Tul. | Tree | ST |  | P |  |  |  |
| Vitaceae | *Cissus* sp. | Liana | NC |  | P |  |  | P |
| Unidentified  | Unidentified A1 | Tree | NC | P |  |  |  |  |
| Unidentified A2 | Tree | NC | P |  |  |  |  |
| Unidentified A3 | Tree | NC |  | P |  |  |  |
| Unidentified A4 | Tree | NC |  | P |  |  |  |
| Unidentified A5 | Tree | NC |  | P |  |  |  |
| Unidentified A6 | Tree | NC |  | P |  |  |  |
| Unidentified A7 | Tree | NC |  | P |  |  |  |
| Unidentified A8 | Tree | NC |  | P |  |  |  |
| Unidentified A9 | Tree | NC |  | P |  |  |  |
| Unidentified A10 | Tree | NC |  | P |  |  |  |
| Unidentified A11 | Tree | NC |  | P |  |  |  |
| Unidentified A12 | Tree | NC |  |  | P |  |  |
| Unidentified A13 | Tree | NC |  |  |  | P |  |
| Unidentified A14 | Tree | NC |  |  |  | P |  |
| Unidentified A15 | Tree | NC |  |  |  | P |  |
| Unidentified A16 | Tree | NC |  |  |  | P |  |
| Unidentified A17 | Tree | NC |  |  |  |  | P |
| Unidentified A18 | Tree | NC |  |  |  |  | P |
| Unidentified A19 | Tree | NC |  |  |  |  | P |
| Unidentified A20 | Tree | NC |  |  |  |  | P |
| Unidentified A21 | Tree | NC |  |  |  |  | P |
| Unidentified A22 | Tree | NC |  |  |  |  | P |
| Unidentified A23 | Tree | NC |  |  |  |  | P |
| Unidentified A24 | Tree | NC |  |  |  |  | P |
| Unidentified A25 | Tree | NC |  |  |  |  | P |
| Unidentified L1 | Liana | NC | P |  |  |  |  |
| Unidentified L2 | Liana | NC |  | P |  |  |  |
| Unidentified L3 | Liana | NC |  | P |  |  |  |
|  | Unidentified L4 | Liana | NC |  | P |  |  |  |
| Unidentified L5 | Liana | NC |  | P |  |  |  |
| Unidentified L6 | Liana | NC |  | P |  |  |  |
| Unidentified L7 | Liana | NC |  | P |  |  |  |
| Unidentified L8 | Liana | NC |  | P |  |  |  |
| Unidentified L9 | Liana | NC |  | P |  |  |  |
| Unidentified L10 | Liana | NC |  |  | P |  |  |
| Unidentified L11 | Liana | NC |  |  | P |  |  |
| Unidentified L12 | Liana | NC |  |  | P |  |  |
| Unidentified L13 | Liana | NC |  |  |  |  | P |
| Unidentified L14 | Liana | NC |  |  |  |  | P |
|  |  |  |  |  |  |  |  |  |

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| Similarity Percentage Analysis (SIMPER) to quantify the relative contribution (%) of each species among forest patches with the presence of blonde capuchin monkeys in the Pernambuco, north-eastern Brazil. |
| MDM *vs* MAA | MDM *vs* MDD | MDM *vs* MDB | MDM *vs* MOP | MAA *vs* MDD | MAA *vs* MDB | MAA *vs* MOP | MDD *vs* MDB | MDD *vs* MOP | MDB *vs* MOP |
| *Pogonophora schomburgkiana* (14%) | *Eschweilera ovata* (13%) | *Eschweilera ovata* (13%) | *Pogonophora schomburgkiana* (16%) | *Pogonophora schomburgkiana* (9%) | *Pogonophora schomburgkiana* (8%) | *Artocarpus heterophyllus* (9%) | *Pogonophora schomburgkiana* (8%) | *Artocarpus heterophyllus* (10%) | *Artocarpus heterophyllus* (10%) |
| *Eschweilera ovata* (12%) | *Pogonophora schomburgkiana* (12%) | *Pogonophora schomburgkiana* (13%) | *Eschweilera ovata* (14%) | *Eschweilera ovata* (5%) | *Tovomita guianensis* (5%) | *Tovomita guianensis* (5%) | *Eschweilera ovata* (6%) | *Pogonophora schomburgkiana* (9%) | *Pogonophora schomburgkiana* (8%) |
| *Tovomita guianensis* (4%) | *Protium heptaphyllum* (5%) | *Thyrsodium spruceanum* (5%) | *Artocarpus heterophyllus* (9%) | *Tovomita guianensis* (5%) | *Eschweilera ovata* (5%) | *Thyrsodium spruceanum* (4%) | *Protium heptaphyllum* (5%) | *Eschweilera ovata* (5%) | *Eschweilera ovata* (5%) |
| *Thyrsodium spruceanum* (4%) | *Thyrsodium spruceanum* (4%) | *Protium giganteum* (4%) | *Thyrsodium spruceanum* (4%) | *Protium heptaphyllum* (4%) | *Protium giganteum* (4%) | *Tapirira guianensis* (2%) | *Protium giganteum* (5%) | *Protium heptaphyllum* (5%) | *Thyrsodium spruceanum* (4%) |
| *Banisteriopsis nummifera* (2%) | *Protium giganteum* (4%) | *Banisteriopsis nummifera* (3%) | *Banisteriopsis nummifera* (3%) | *Thyrsodium spruceanum* (3%) | *Sloanea guianensis* (3%) | *Helicostylis tomentosa* (2%) | *Albizia pedicellaris* (3%) | *Thyrsodium spruceanum* (3%) | *Protium giganteum* (4%) |
| *Coccoloba parimensis* (2%) | *Albizia pedicellaris* (3%) | *Sloanea guianensis* (3%) | *Coccoloba parimensis* (2%) | *Protium giganteum* (3%) | *Myrcia guianensis* (2%) | *Eschweilera ovata* (2%) | *Sloanea guianensis* (3%) | *Protium giganteum* (3%) | *Sloanea guianensis* (2%) |
| *Protium heptaphyllum* (2%) | *Banisteriopsis nummifera* (3%) | *Protium heptaphyllum* (3%) | *Serjania paucidentata* (2%) | *Albizia pedicellaris* (3%) | *Thyrsodium spruceanum* (2%) | *Adenocalymma comosum* (2%) | *Tapirira guianensis* (3%) | *Albizia pedicellaris* (3%) | *Myrcia guianensis* (2%) |
| *Helicostylis tomentosa* (2%) | *Coccoloba parimensis* (3%) | *Coccoloba parimensis* (3%) | *Tapirira guianensis* (2%) | *Guatteria schomburgkiana* (2%) | *Tapirira guianensis* (2%) | *Virola gardineri* (2%) | *Myrcia guianensis* (3%) | *Tapirira guianensis* (2%) | *Tapirira guianensis* (2%) |
| *Serjania paucidentata* (2%) | *Tapirira guianensis* (3%) | *Tapirira guianensis* (3%) | *Protium heptaphyllum* (2%) | *Tapirira guianensis* (2%) | *Helicostylis tomentosa* (2%) | *Cupania impressinervia* (1%) | *Guatteria schomburgkiana* (3%) | *Guatteria schomburgkiana* (2%) | *Adenocalymma comosum* (2%) |
| *Tapirira guianensis* (2%) | *Guatteria schomburgkiana* (3%) | *Myrcia guianensis* (3%) | *Adenocalymma comosum* (2%) | *Helicostylis tomentosa* (2%) | *Pouteria bangii* (2%) | *Brosimum guianense* (1%) | *Pouteria gardneri* (2%) | *Cupania racemosa* (2%) | *Parkia pendu*la (2%) |

Phytosociological parameters were obtained for the 10 main plant species found in the forest patches with the occurrence of blonde capuchin monkeys (*Sapajus flavius*) in north-eastern Brazil. IVI = Importance Value Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Relative frequency | Relative density | Relative dominance | IVI |
| *Tapirira guianensis* | 1.3 | 2.6 | 16.4 | 18.9 |
| *Eschweilera ovata* | 1.3 | 10.0 | 5.4 | 15.5 |
| *Pogonophora schomburgkiana* | 1.0 | 11.8 | 3.5 | 15.3 |
| *Bowdichia virgilioides* | 1.3 | 1.3 | 9.2 | 10.5 |
| *Thyrsodium spruceanum* | 1.0 | 4.3 | 2.3 | 6.5 |
| *Artocarpus heterophyllus* | 0.3 | 3.4 | 3.3 | 6.7 |
| *Byrsonima sericea* | 1.0 | 0.6 | 5.3 | 5.9 |
| *Dialium guianense* | 0.8 | 0.4 | 4.6 | 4.9 |
| *Protium heptaphyllum* | 1.3 | 3.3 | 1.1 | 4.3 |
| *Parkia pendula* | 0.8 | 0.9 | 3.1 | 4.1 |