**Table S2.** List of species arranged by family and including the number of individuals (abundance; Nº IND) of juvenile and adult trees in Hancornia, Himatanthus and Control plots.

|  |  |  |  |
| --- | --- | --- | --- |
| **Family - Species** | **Types of Plots** | | |
| **Hancornia** | **Himatanthus** | **Control** |
| **Nº IND** | **Nº IND** | **Nº IND** |
| **Anacardiaceae R.Br.** | **8** | **17** | **14** |
| ***Anacardium occidentale* L.** | **5** | **13** | **10** |
| Juveniles | 1 | 7 | 6 |
| Adults | 4 | 6 | 4 |
| ***Astronium fraxinifolium* Schott** | **3** | **4** | **4** |
| Juveniles | 0 | 3 | 2 |
| Adults | 3 | 1 | 2 |
| **Annonaceae Juss.** | **44** | **36** | **77** |
| ***Annona coriacea* Mart.** | **24** | **12** | **10** |
| Juveniles | 18 | 4 | 3 |
| Adults | 6 | 8 | 7 |
| ***Annona cornifolia* A.St.-Hil.** | **1** | **8** | **18** |
| Juveniles | 1 | 8 | 17 |
| Adults | 0 | 0 | 1 |
| ***Annona crassiflora* Mart.** | **1** | **0** | **2** |
| Juveniles | 0 | 0 | 2 |
| Adults | 1 | 0 | 0 |
| ***Duguetia lanceolata* A.St.-Hil.** | **0** | **1** | **0** |
| Juveniles | 0 | 1 | 0 |
| ***Xylopia aromatica* (Lam.) Mart.** | **18** | **15** | **47** |
| Juveniles | 6 | 4 | 8 |
| Adults | 12 | 11 | 39 |
| **Apocynaceae Juss.** | **52** | **77** | **24** |
| ***Aspidosperma macrocarpon* Mart. & Zucc.** | **6** | **20** | **9** |
| Juveniles | 3 | 13 | 5 |
| Adults | 3 | 7 | 4 |
| ***Aspidosperma nobile* Müll.Arg.** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| ***Aspidosperma tomentosum* Mart.** | **0** | **0** | **1** |
| Juveniles | 0 | 0 | 1 |
| ***Hancornia speciosa* Gomes** | **34** | **3** | **1** |
| Juveniles | 34 | 3 | 1 |
| ***Himatanthus obovatus* (Müll. Arg.) Woodson** | **8** | **53** | **10** |
| Juveniles | 8 | 53 | 10 |
| ***Odontadenia lutea* (Vell.) Markgr.** | **3** | **1** | **3** |
| Juveniles | 1 | 1 | 3 |
| Adults | 2 | 0 | 0 |
| **Araliaceae Juss.** | **0** | **4** | **4** |
| ***Schefflera macrocarpa* (Cham. & Schltdl.) Frodin** | **0** | **4** | **4** |
| Juveniles | 0 | 1 | 0 |
| Adults | 0 | 3 | 4 |
| **Asteraceae Bercht. & J.Presl** | **0** | **0** | **5** |
| ***Chromolaena squalida* (DC.) R.M.King & H.Rob.** | **0** | **0** | **5** |
| Juveniles | 0 | 0 | 5 |
| **Bignoniaceae Juss.** | **36** | **66** | **125** |
| ***Handroanthus heptaphyllus* (Vell.) Mattos** | **2** | **1** | **1** |
| Juveniles | 1 | 1 | 1 |
| Adults | 1 | 0 | 0 |
| ***Handroanthus ochraceus* (Cham.) Mattos** | **13** | **28** | **76** |
| Juveniles | 8 | 0 | 7 |
| Adults | 5 | 28 | 69 |
| ***Handroanthus serratifolius* (Vahl) S.Grose** | **11** | **14** | **30** |
| Juveniles | 9 | 4 | 9 |
| Adults | 2 | 10 | 21 |
| ***Jacaranda brasiliana* (Lam.) Pers.** | **0** | **2** | **1** |
| Juveniles | 0 | 2 | 1 |
| ***Tabebuia aurea* (Silva Manso) Benth. & Hook.f. ex S.Moore** | **10** | **19** | **17** |
| Juveniles | 8 | 5 | 9 |
| Adults | 2 | 14 | 8 |
| ***Zeyheria montana* Mart.** | **0** | **2** | **0** |
| Adults | 0 | 2 | 0 |
| **Boraginaceae Juss.** | **1** | **0** | **0** |
| ***Cordia glabrata* (Mart.) A.DC.** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| **Burseraceae Kunth** | **11** | **5** | **14** |
| ***Protium heptaphyllum* (Aubl.) Marchand** | **11** | **5** | **14** |
| Juveniles | 5 | 2 | 3 |
| Adults | 6 | 3 | 11 |
| **Calophyllaceae J.Agardh** | **22** | **45** | **31** |
| ***Kielmeyera coriacea* Mart. & Zucc.** | **9** | **29** | **20** |
| Juveniles | 1 | 2 | 4 |
| Adults | 8 | 27 | 16 |
| ***Kielmeyera lathrophyton* Saddi** | **3** | **11** | **10** |
| Juveniles | 0 | 3 | 1 |
| Adults | 3 | 8 | 9 |
| ***Kielmeyera rubriflora* Cambess.** | **10** | **4** | **1** |
| Juveniles | 2 | 0 | 0 |
| Adults | 8 | 4 | 1 |
| ***Kielmeyera speciosa* A.St.-Hil.** | **0** | **1** | **0** |
| Juveniles | 0 | 1 | 0 |
| **Cannabaceae Martinov** | **4** | **2** | **1** |
| ***Trema micrantha* (L.) Blume** | **4** | **2** | **1** |
| Adults | 4 | 2 | 1 |
| **Caryocaraceae Szyszył.** | **5** | **12** | **12** |
| ***Caryocar brasiliense* Cambess.** | **5** | **12** | **12** |
| Juveniles | 0 | 0 | 2 |
| Adults | 5 | 12 | 10 |
| **Celastraceae R.Br.** | **29** | **30** | **37** |
| ***Plenckia populnea* Reissek** | **5** | **5** | **11** |
| Juveniles | 4 | 4 | 7 |
| Adults | 1 | 1 | 4 |
| ***Salacia crassifolia* (Mart. ex Schult.) G.Don** | **2** | **0** | **0** |
| Adults | 2 | 0 | 0 |
| ***Salacia elliptica* (Mart. ex Schult.) G.Don** | **22** | **25** | **26** |
| Juveniles | 9 | 4 | 0 |
| Adults | 13 | 21 | 26 |
| **Chrysobalanaceae R.Br.** | **12** | **8** | **18** |
| ***Couepia grandiflora* (Mart. & Zucc.) Benth.** | **12** | **8** | **18** |
| Juveniles | 2 | 0 | 3 |
| Adults | 10 | 8 | 15 |
| **Combretaceae R.Br.** | **3** | **0** | **2** |
| ***Terminalia argentea* Mart.** | **3** | **0** | **2** |
| Adults | 3 | 0 | 2 |
| **Connaraceae R.Br.** | **151** | **157** | **161** |
| ***Connarus suberosus* Planch.** | **147** | **157** | **161** |
| Juveniles | 104 | 55 | 64 |
| Adults | 43 | 102 | 97 |
| ***Rourea induta* Planch.** | **4** | **0** | **0** |
| Adults | 4 | 0 | 0 |
| **Dilleniaceae Salisb.** | **33** | **54** | **78** |
| ***Curatella americana* L.** | **17** | **25** | **32** |
| Juveniles | 6 | 7 | 5 |
| Adults | 11 | 18 | 27 |
| ***Davilla elliptica* A.St.-Hil.** | **16** | **28** | **46** |
| Juveniles | 1 | 9 | 5 |
| Adults | 15 | 19 | 41 |
| ***Davilla nitida* (Vahl) Kubitzki** | **0** | **1** | **0** |
| Adults | 0 | 1 | 0 |
| **Ebenaceae Gürke** | **25** | **24** | **29** |
| ***Diospyros hispida* A.DC.** | **25** | **24** | **29** |
| Juveniles | 6 | 0 | 3 |
| Adults | 19 | 24 | 26 |
| **Erythroxylaceae Kunth** | **121** | **195** | **118** |
| ***Erythroxylum deciduum* A.St.-Hil.** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| ***Erythroxylum suberosum* A.St.-Hil.** | **120** | **195** | **118** |
| Juveniles | 76 | 85 | 56 |
| Adults | 44 | 110 | 62 |
| **Euphorbiaceae Juss.** | **11** | **10** | **37** |
| ***Maprounea guianensis* Aubl.** | **11** | **10** | **37** |
| Juveniles | 6 | 0 | 7 |
| Adults | 5 | 10 | 30 |
| **Fabaceae Lindl.** | **215** | **288** | **281** |
| ***Andira cujabensis* Benth.** | **6** | **16** | **31** |
| Juveniles | 0 | 3 | 1 |
| Adults | 6 | 13 | 30 |
| ***Bauhinia rufa* (Bong.) Steud.** | **32** | **34** | **40** |
| Juveniles | 27 | 34 | 39 |
| Adults | 5 | 0 | 1 |
| ***Bowdichia virgilioides* Kunth** | **4** | **5** | **8** |
| Adults | 4 | 5 | 8 |
| ***Cenostigma macrophyllum* Tul.** | **29** | **59** | **29** |
| Juveniles | 15 | 22 | 7 |
| Adults | 14 | 37 | 22 |
| ***Centrosema angustifolium* (Kunth) Benth.** | **0** | **2** | **5** |
| Adults | 0 | 2 | 5 |
| ***Copaifera langsdorffii* Desf.** | **10** | **10** | **4** |
| Juveniles | 5 | 4 | 1 |
| Adults | 5 | 6 | 3 |
| ***Dimorphandra mollis* Benth.** | **17** | **14** | **20** |
| Juveniles | 1 | 1 | 3 |
| Adults | 16 | 13 | 17 |
| ***Dipteryx alata* Vogel** | **0** | **5** | **0** |
| Juveniles | 0 | 2 | 0 |
| Adults | 0 | 3 | 0 |
| ***Enterolobium gummiferum* (Mart.) J.F.Macbr.** | **2** | **2** | **1** |
| Juveniles | 0 | 1 | 0 |
| Adults | 2 | 1 | 1 |
| ***Erythrina ulei* Harms** | **0** | **2** | **1** |
| Adults | 0 | 2 | 1 |
| ***Hymenaea stigonocarpa* Mart. ex Hayne** | **4** | **1** | **0** |
| Adults | 4 | 1 | 0 |
| ***Leptolobium dasycarpum* Vogel** | **28** | **65** | **38** |
| Juveniles | 7 | 9 | 9 |
| Adults | 21 | 56 | 29 |
| ***Parkia platycephala* Benth.** | **2** | **2** | **1** |
| Juveniles | 1 | 0 | 0 |
| Adults | 1 | 2 | 1 |
| ***Phanera glabra* (Jacq.) Vaz** | **5** | **0** | **1** |
| Adults | 5 | 0 | 1 |
| ***Plathymenia reticulata* Benth.** | **22** | **19** | **12** |
| Juveniles | 22 | 6 | 10 |
| Adults | 0 | 13 | 2 |
| ***Pterodon emarginatus* Vogel** | **3** | **7** | **10** |
| Juveniles | 2 | 1 | 0 |
| Adults | 1 | 6 | 10 |
| ***Senna velutina* (Vogel) H.S.Irwin & Barneby** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| ***Stryphnodendron adstringens* (Mart.) Coville** | **18** | **10** | **15** |
| Juveniles | 15 | 6 | 10 |
| Adults | 3 | 4 | 5 |
| ***Tachigali subvelutina* (Benth.) Oliveira-Filho** | **0** | **1** | **0** |
| Adults | 0 | 1 | 0 |
| ***Tachigali vulgaris* L.G.Silva & H.C.Lima** | **11** | **12** | **44** |
| Juveniles | 6 | 2 | 9 |
| Adults | 5 | 10 | 35 |
| ***Vatairea macrocarpa* (Benth.) Ducke** | **21** | **22** | **21** |
| Adults | 21 | 22 | 21 |
| **Hypericaceae Juss.** | **0** | **0** | **7** |
| ***Vismia gracilis* Hieron.** | **0** | **0** | **7** |
| Adults | 0 | 0 | 7 |
| **Lythraceae J.St.-Hil.** | **17** | **30** | **45** |
| ***Lafoensia pacari* A.St.-Hil.** | **14** | **30** | **45** |
| Juveniles | 0 | 5 | 2 |
| Adults | 14 | 25 | 43 |
| ***Physocalymma scaberrimum* Pohl** | **3** | **0** | **0** |
| Adults | 3 | 0 | 0 |
| **Malpighiaceae Juss.** | **81** | **133** | **154** |
| ***Banisteriopsis campestris* (A.Juss.) Little** | **26** | **17** | **10** |
| Juveniles | 14 | 16 | 4 |
| Adults | 12 | 1 | 6 |
| ***Byrsonima coccolobifolia* Kunth** | **4** | **10** | **28** |
| Juveniles | 1 | 0 | 4 |
| Adults | 3 | 10 | 24 |
| ***Byrsonima crassifolia* (L.) Kunth** | **15** | **16** | **41** |
| Juveniles | 7 | 3 | 6 |
| Adults | 8 | 13 | 35 |
| ***Byrsonima pachyphylla* A.Juss.** | **2** | **2** | **3** |
| Juveniles | 1 | 0 | 2 |
| Adults | 1 | 2 | 1 |
| ***Byrsonima verbascifolia* (L.) DC.** | **1** | **4** | **17** |
| Adults | 1 | 4 | 17 |
| ***Heteropterys byrsonimifolia* A.Juss.** | **33** | **84** | **55** |
| Juveniles | 30 | 64 | 29 |
| Adults | 3 | 20 | 26 |
| **Malvaceae Juss.** | **13** | **15** | **11** |
| ***Eriotheca estevesiae* Carv.-Sobr.** | **0** | **0** | **3** |
| Adults | 0 | 0 | 3 |
| ***Eriotheca gracilipes* (K.Schum.) A.Robyns** | **5** | **5** | **5** |
| Adults | 5 | 5 | 5 |
| ***Eriotheca pubescens* (Mart. & Zucc.) Schott & Endl.** | **3** | **2** | **1** |
| Juveniles | 2 | 2 | 1 |
| Adults | 1 | 0 | 0 |
| ***Helicteres guazumifolia* Kunth** | **0** | **6** | **1** |
| Adults | 0 | 6 | 1 |
| ***Luehea paniculata* Mart. & Zucc.** | **2** | **0** | **0** |
| Adults | 2 | 0 | 0 |
| ***Peltaea speciosa* (Kunth) Standl.** | **0** | **2** | **0** |
| Juveniles | 0 | 2 | 0 |
| ***Pseudobombax longiflorum* (Mart.) A.Robyns** | **1** | **0** | **1** |
| Adults | 1 | 0 | 1 |
| ***Sterculia striata* A.St.-Hil. & Naudin** | **2** | **0** | **0** |
| Adults | 2 | 0 | 0 |
| **Melastomataceae A . Juss.** | **21** | **24** | **28** |
| ***Miconia albicans* (Sw.) Triana** | **18** | **21** | **27** |
| Juveniles | 6 | 3 | 2 |
| Adults | 12 | 18 | 25 |
| ***Mouriri elliptica* Mart.** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| ***Mouriri pusa* Gardner** | **2** | **3** | **1** |
| Juveniles | 1 | 0 | 0 |
| Adults | 1 | 3 | 1 |
| **Moraceae Gaudich.** | **0** | **1** | **1** |
| ***Brosimum gaudichaudii* Trécul** | **0** | **1** | **1** |
| Adults | 0 | 1 | 1 |
| **morta** | **5** | **9** | **11** |
| Adults | 5 | 9 | 11 |
| **Myrtaceae Juss.** | **141** | **155** | **145** |
| ***Eugenia dysenterica* (Mart.) DC.** | **1** | **6** | **0** |
| Adults | 1 | 6 | 0 |
| ***Myrcia splendens* (Sw.) DC.** | **34** | **37** | **37** |
| Juveniles | 22 | 11 | 2 |
| Adults | 12 | 26 | 35 |
| ***Psidium myrsinites* DC.** | **73** | **56** | **64** |
| Juveniles | 61 | 30 | 29 |
| Adults | 12 | 26 | 35 |
| ***Psidium myrtoides* O.Berg** | **33** | **56** | **44** |
| Juveniles | 31 | 39 | 41 |
| Adults | 2 | 17 | 3 |
| **Nyctaginaceae Juss.** | **2** | **7** | **11** |
| ***Guapira graciliflora* (Mart. ex Schmidt) Lundell** | **0** | **1** | **0** |
| Juveniles | 0 | 1 | 0 |
| ***Guapira noxia* (Netto) Lundell** | **1** | **0** | **0** |
| Adults | 1 | 0 | 0 |
| ***Neea theifera* Oerst.** | **1** | **6** | **11** |
| Juveniles | 1 | 1 | 3 |
| Adults | 0 | 5 | 8 |
| **Ochnaceae DC.** | **51** | **62** | **101** |
| ***Ouratea castaneifolia* (DC.) Engl.** | **1** | **0** | **1** |
| Adults | 1 | 0 | 1 |
| ***Ouratea hexasperma* (A.St.-Hil.) Baill.** | **50** | **62** | **100** |
| Juveniles | 32 | 34 | 77 |
| Adults | 18 | 28 | 23 |
| **Rubiaceae Juss.** | **55** | **73** | **63** |
| ***Alibertia edulis* (Rich.) A.Rich.** | **2** | **5** | **3** |
| Juveniles | 0 | 1 | 1 |
| Adults | 2 | 4 | 2 |
| ***Cordiera humilis* (K.Schum.) Kuntze** | **5** | **10** | **3** |
| Juveniles | 5 | 2 | 1 |
| Adults | 0 | 8 | 2 |
| ***Palicourea rigida* Kunth** | **8** | **17** | **3** |
| Juveniles | 5 | 5 | 1 |
| Adults | 3 | 12 | 2 |
| ***Tocoyena formosa* (Cham. & Schltdl.) K.Schum.** | **40** | **41** | **54** |
| Juveniles | 14 | 13 | 18 |
| Adults | 26 | 28 | 36 |
| **Salicaceae Mirb.** | **16** | **57** | **32** |
| ***Casearia sylvestris* Sw.** | **16** | **57** | **32** |
| Juveniles | 9 | 29 | 17 |
| Adults | 7 | 28 | 15 |
| **Sapindaceae Juss.** | **2** | **9** | **0** |
| ***Magonia pubescens* A.St.-Hil.** | **2** | **6** | **0** |
| Juveniles | 0 | 2 | 0 |
| Adults | 2 | 4 | 0 |
| ***Paullinia pinnata* L.** | **0** | **3** | **0** |
| Adults | 0 | 3 | 0 |
| **Sapotaceae Juss.** | **3** | **1** | **1** |
| ***Pouteria ramiflora* (Mart.) Radlk.** | **3** | **1** | **1** |
| Juveniles | 2 | 0 | 0 |
| Adults | 1 | 1 | 1 |
| **Simaroubaceae DC.** | **9** | **3** | **1** |
| ***Simarouba versicolor* A.St.-Hil.** | **9** | **3** | **1** |
| Juveniles | 5 | 0 | 0 |
| Adults | 4 | 3 | 1 |
| **Siparunaceae (A.DC.) Schodde** | **7** | **17** | **2** |
| ***Siparuna guianensis* Aubl.** | **7** | **17** | **2** |
| Juveniles | 0 | 7 | 0 |
| Adults | 7 | 10 | 2 |
| **Velloziaceae J.Agardh** | **6** | **10** | **38** |
| ***Vellozia squamata* Pohl.** | **6** | **10** | **38** |
| Juveniles | 1 | 0 | 2 |
| Adults | 5 | 10 | 36 |
| **Vochysiaceae A.St.-Hil.** | **190** | **189** | **227** |
| ***Qualea grandiflora* Mart.** | **96** | **71** | **92** |
| Juveniles | 76 | 42 | 66 |
| Adults | 20 | 29 | 26 |
| ***Qualea multiflora* Mart.** | **2** | **0** | **1** |
| Adults | 2 | 0 | 1 |
| ***Qualea parviflora* Mart.** | **76** | **90** | **113** |
| Juveniles | 55 | 58 | 63 |
| Adults | 21 | 32 | 50 |
| ***Salvertia convallariodora* A.St.-Hil.** | **3** | **17** | **6** |
| Adults | 3 | 17 | 6 |
| ***Vochysia rufa* Mart.** | **13** | **11** | **15** |
| Juveniles | 2 | 3 | 4 |
| Adults | 11 | 8 | 11 |
| **Total Geral** | **1402** | **1825** | **1946** |