**Table S2.** Species list of the trees with DBH > 5 cm sampled in the studies sites: Reference Forest, Assisted Passive Restoration and Active Restoration. \*Non-native species.

| **Species** | **Reference Forest** | **Assisted Passive Restoration** | **Active Restoration** | **Total** |
| --- | --- | --- | --- | --- |
| **Anacardiaceae** |  |  |  |  |
| *Astronium graveolens* Jacq. | 1 | 7 | 10 | 18 |
| *Schinus terebinthifolius* Raddi |  | 20 | 12 | 32 |
| **Apocynaceae** |  |  |  |  |
| *Aspidosperma cylindrocarpon* Müll.Arg |  | 1 |  | 1 |
| *Aspidosperma polyneuron* Müll.Arg. | 15 |  |  | 15 |
| **Arecaceae** |  |  |  |  |
| *Syagrus romanzoffiana* (Cham.) Glassman | 5 | 5 |  | 10 |
| **Asteraceae** |  |  |  |  |
| *Gochnatia polymorpha* (Less.) Cabrera | 3 | 19 | 3 | 25 |
| *Vernonanthura brasiliana* (L.) H. Rob. |  |  | 1 | 1 |
| *Vernonanthura phosphorica* (Vell.) H. Rob. |  | 1 |  | 1 |
| *Viguiera robusta* Gardner | 1 |  |  | 1 |
| **Bignoniaceae** |  |  |  |  |
| *Handroanthus chrysotrichus* (Mart. ex A. DC.) Mattos |  |  | 3 | 3 |
| *\*Tecoma stans* (L.) Juss. ex Kunth |  | 12 |  | 12 |
| **Boraginaceae** |  |  |  |  |
| *Cordia magnoliifolia* Cham. | 4 |  |  | 4 |
| *Cordia trichotoma* (Vell.) Arráb. ex Steud. |  |  | 4 | 4 |
| **Burseraceae** |  |  |  |  |
| *Protium heptaphyllum* (Aubl.) Marchand | 1 |  |  | 1 |
| **Cannabaceae** |  |  |  |  |
| *Trema micrantha* (L.) Blume | 1 | 5 |  | 6 |
| **Caricaceae** |  |  |  |  |
| *Jacaratia spinosa* (Aubl.) A.DC. |  |  | 1 | 1 |
| **Celastraceae** |  |  |  |  |
| *Maytenus floribunda* Reissek | 1 |  |  | 1 |
| **Erythroxylaceae** |  |  |  |  |
| *Erythroxylum cuneifolium* (Mart.) O.E. Schulz |  |  | 1 | 1 |
| **Euphorbiaceae** |  |  |  |  |
| *Alchornea glandulosa* Poepp. & Endl. |  | 5 |  | 5 |
| *Alchornea triplinervia* (Spreng.) Müll. Arg. |  |  | 2 | 2 |
| *Croton floribundus* Spreng. | 35 | 5 | 2 | 42 |
| *Croton urucurana* Baill. |  | 2 | 5 | 7 |
| *Sebastiania commersoniana* (Baill.) L.B. Sm. & Downs | 2 |  |  | 2 |
| *Tetrorchidium rubrivenium* Poepp. | 6 |  |  | 6 |
| **Fabaceae** |  |  |  |  |
| *Acacia polyphilla* DC. |  | 2 | 6 | 8 |
| *Anadenanthera colubrina* (Vell.) Brenan |  | 1 |  | 1 |
| *Anadenanthera macrocarpa* (Benth.) Brenan |  |  | 1 | 1 |
| *Bauhinia longifolia* (Bong.) Steud. | 6 |  |  | 6 |
| *Centrolobium tomentosum* Guillem. ex Benth. |  | 1 | 1 | 2 |
| *Dimorphandra mollis* Benth. |  | 2 |  | 2 |
| *Enterolobium contortisiliquum* (Vell.) Morong |  |  | 3 | 3 |
| *Holocalyx balansae* Micheli | 4 |  |  | 4 |
| *Inga edulis* Mart. |  | 1 | 1 | 2 |
| *Inga striata* Benth. |  | 1 | 4 | 5 |
| *Lonchocarpus muehlbergianus* Hassl. | 1 |  |  | 1 |
| *Machaerium hirtum* (Vell.) Stellfeld | 1 |  |  | 1 |
| *Machaerium nyctitans* (Vell.) Benth. | 1 |  |  | 1 |
| Machaerium scleroxylon Tul. |  | 5 |  | 5 |
| *Machaerium stipitatum* Vogel | 2 |  |  | 2 |
| *Peltophorum dubium* (Spreng.) Taub. |  | 9 | 3 | 12 |
| *Piptadenia gonoacantha* (Mart.) J.F.Macb | 41 |  | 1 | 42 |
| *Senna multijuga* (Rich.) H.S. Irwin & Barneby |  | 2 | 7 | 9 |
| *\*Tipuana tipu* (Benth.) Kuntze |  | 4 |  | 4 |
| **Lauraceae** |  |  |  |  |
| *Ocotea cf. beulahiae* Baitello | 3 |  |  | 3 |
| *Ocotea elegans* Mez | 4 |  |  | 4 |
| *Ocotea indecora* (Schott) Mez | 1 |  |  | 1 |
| **Lecythidaceae** |  |  |  |  |
| *Cariniana estrellensis* (Raddi) Kuntze | 2 |  |  | 2 |
| *Cariniana legalis* (Mart.) Kuntze | 3 |  |  | 3 |
| **Magnoliaceae** |  |  |  |  |
| *\*Magnolia champaca* (L.) Baill. ex Pierre | 1 |  |  | 1 |
| **Malvaceae** |  |  |  |  |
| *Chorisia speciosa* A. St.-Hil. Pl. Usuel. Bras. | 1 |  |  | 1 |
| *Guazuma ulmifolia* Lam. |  | 12 | 8 | 20 |
| *Luehea divaricata* Mart. & Zucc. | 1 | 9 | 11 | 21 |
| *Luehea paniculata* Mart. & Zucc. |  | 2 |  | 2 |
| *\*Sida cordifolia* L. | 1 |  |  | 1 |
| **Meliaceae** |  |  |  |  |
| *Cedrela fissilis* Vell. | 9 | 1 | 2 | 12 |
| *Guarea guidonia* (L.) Sleumer |  | 1 |  | 1 |
| *Guarea kunthiana* A.Juss | 2 |  |  | 2 |
| *\*Melia azedarach* L. |  |  | 3 | 3 |
| *Trichilia clausseni* C.DC. | 3 |  |  | 3 |
| *Trichilia elegans* A.Juss. | 2 |  |  | 2 |
| **Moraceae** |  |  |  |  |
| *Maclura tinctoria* (L.) D.Don ex Steud. | 3 |  |  | 3 |
| **Myrtaceae** |  |  |  |  |
| *Campomanesia xanthocarpa* Mart. ex O. Berg | 1 |  |  | 1 |
| *Eugenia florida* DC. | 1 |  |  | 1 |
| *Eugenia paracatuana* O.Berg |  | 1 |  | 1 |
| *Myrciaria floribunda* (H.West ex Willd.) O.Berg | 3 |  |  | 3 |
| *\*Psidium guajava* L. | 47 | 61 | 16 | 124 |
| **Nyctaginaceae** |  |  |  |  |
| *Guapira hirsuta* (Choisy) Lundell | 1 |  |  | 1 |
| **Phyllanthaceae** |  |  |  |  |
| *Savia dictyocarpa* Müll.Arg. | 4 |  |  | 4 |
| **Phytolaccaceae** |  |  |  |  |
| *Seguieria langsdorffii* Moq. | 1 |  |  | 1 |
| **Piperaceae** |  |  |  |  |
| *Piper mollicomum* Kunth | 3 |  |  | 3 |
| *Piper sp.* |  | 1 |  | 1 |
| **Primulaceae** |  |  |  |  |
| *Myrsine balansae* (Mez) Otegui |  | 1 |  | 1 |
| *Myrsine ferruginea* (Ruiz & Pav.) Spreng. |  | 10 |  | 10 |
| *Myrsine umbellata* Mart. | 9 | 1 |  | 10 |
| **Rhamnaceae** |  |  |  |  |
| *Colubrina glandulosa* Perkins |  |  | 1 | 1 |
| *Rhamnidium elaeocarpum* Reissek | 7 |  |  | 7 |
| **Rosaceae** |  |  |  |  |
| *Prunus myrtifolia* (L.) Urb. |  | 1 |  | 1 |
| **Rubiaceae** |  |  |  |  |
| *Psychotria carthagenensis* Jacq. |  | 1 |  | 1 |
| *Randia armata* (Sw.) DC. |  | 3 |  | 3 |
| **Rutaceae** |  |  |  |  |
| *Almeidea coerulea* (Nees & Mart.) A. St.-Hil. | 5 |  |  | 5 |
| *\*Citrus* sp. |  | 1 |  | 1 |
| *Esenbeckia leiocarpa* Engl. | 6 |  |  | 6 |
| *Zanthoxylum acuminatum* (Sw.) Sw. |  | 1 |  | 1 |
| *Zanthoxylum fagara* (L.) Sarg. | 2 |  |  | 2 |
| *Zanthoxylum rhoifolium* Lam. |  | 1 |  | 1 |
| **Salicaceae** |  |  |  |  |
| *Casearia sylvestris* Sw. | 6 | 2 |  | 8 |
| **Sapindaceae** |  |  |  |  |
| *Allophylus edulis* (A.St.-Hil. et al.) Hieron. Ex Niederl. | 1 |  |  | 1 |
| *Cupania vernalis* Cambess. |  | 1 |  | 1 |
| *Matayba elaeagnoides* Radlk. | 1 |  |  | 1 |
| **Solanaceae** |  |  |  |  |
| *Acnistus arborescens* (L.) Schltdl. |  |  | 1 | 1 |
| *Cestrum* sp. | 1 |  |  | 1 |
| **Urticaceae** |  |  |  |  |
| *Cecropia pachystachya* Trécul |  |  | 1 | 1 |
| **Verbenaceae** |  |  |  |  |
| *Aloysia virgata* (Ruiz & Pav.) Juss. |  | 37 | 7 | 44 |
| *Citharexylum myrianthum* Cham. |  |  | 1 | 1 |