**Recurrent wildfires drive rapid taxonomic homogenization of seasonally flooding Neotropical forests**

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**Table S1** Families and species with their respective differences in the individual numbers in six seasonally flooding forests (*impucas*) sampled in the Araguaia State Park, Novo Santo Antônio municipality, Mato Grosso, Brazil, in time 1 (T1, 2007/2008) and time 2 (T2, 2014). The signs "+" and "-" indicate individuals won and lost in the period, respectively.

| **Family** | **Species** | ***Impuca* 1** | ***Impuca* 2** | ***Impuca* 3** | ***Impuca* 4** | ***Impuca* 5** | ***Impuca* 6** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Euphorbiaceae | *Alchornea discolor* Poepp | - | -2 | - | - | - | - |
| Malpighiaceae | *Byrsonima cydoniifolia* A.Juss. | - | - | - | - | - | -3 |
| Malpighiaceae | *Byrsonima riparia* W.R.Anderson | -1 | - | - | - | -3 | -1 |
| Calophyllaceae | *Calophyllum brasiliense* Cambess. | +3 | -11 | +1 | -2 | -8 | -11 |
| Olacaceae | *Cathedra acuminata* (Benth.) Miers | - | -4 | - | +2 | - | - |
| Combretaceae | *Combretum laxum* Jacq. | 0 | -13 | +1 | +2 | - | - |
| Ebenaceae | *Diospyros poeppigiana* A.DC. | +4 | -28 | -1 | +1 | - | - |
| Ebenaceae | *Diospyros tetrandra* Hiern | +1 | -17 | -14 | -5 | - |  |
| Olacaceae | *Dulacia egleri* (Bastos) Sleumer | 0 | 0 | - | - | - | - |
| Rubiaceae | *Duroia prancei* Steyerm. | -1 | -3 | - | -1 | -3 | - |
| Erythroxylaceae | *Erythroxylum anguifugum* Mart. | - | - | - | -1 | - | - |
| Lecythidaceae | *Eschweilera ovata* (Cambess.) Mart. ex Miers | - | -7 | 0 | +1 | - | - |
| Myrtaceae | *Eugenia florida* DC. | - | -1 | - | - | - | - |
| Myrtaceae | *Eugenia* sp. L. | - | - | -1 | - | - | - |
| Rubiaceae | *Genipa americana* L. | -1 | -3 | - | - | - | - |
| Chrysobalanaceae | *Hirtella gracilipes* (Hook.f.) Prance | 0 | -1 | - | 0 | - | - |
| Fabaceae | *Hydrochorea corymbosa* (Rich.) Barneby & J.W.Grimes | +1 | +1 | - | - | - | - |
| Fabaceae | *Leptolobium nitens* Vogel | -9 | 0 | +7 | -5 | -14 | -46 |
| Chrysobalanaceae | *Licania apetala* (E.Mey.) Fritsch | +3 | -13 | -3 | -11 | +40 | -5 |
| Chrysobalanaceae | *Licania kunthiana* Hook.f. | 0 | -20 | +9 | -7 | - | - |
| Euphorbiaceae | *Mabea paniculata* Spruce ex Benth. | -1 | -5 | +2 | 0 | -11 | -3 |
| Fabaceae | *Machaerium inundatum* (Mart. ex Benth.) Ducke | - | -1 | - | +4 | - | 0 |
| Apocynaceae | *Malouetia lata* Markgr. | - | -2 | - | - | - | - |
| Arecaceae | *Mauritiella armata* (Mart.) Burret | - | - | - | -1 | - | - |
| Celastraceae | *Maytenus* sp. Molina | -4 | - | - | - | - | - |
| Sapotaceae | *Micropholis gardneriana* (A.DC.) Pierre | - | -80 | +41 | -20 | - | - |
| Melastomataceae | *Mouriri acutiflora* Naudin | +3 | -8 | 0 | +2 | - | - |
| Nyctaginaceae | *Neea ovalifolia* Spruce ex J.A.Schmidt | - | -2 | - | - | - | -1 |
| Ixonanthaceae | *Ochthocosmus multiflorus* Ducke | -21 | -14 | 0 | -9 | - | - |
| Lauraceae | *Ocotea cernua* (Nees) Mez | -1 | - | - | - | -1 | - |
| Fabaceae | *Ormosia excelsa* Benth. | -3 | - | 0 | -1 | - | - |
| Rubiaceae | *Pagamea guianensis* Aubl. | - | -5 | -2 | -6 | - | - |
| Proteaceae | *Panopsis rubescens* (Pohl) Rusby | -1 | 0 | 0 | -1 | -16 | -12 |
| Pentaphylacaceae | *Pera bicolor* (Klotzsch) Müll.Arg. | -1 | -2 | -7 | -8 | -4 | - |
| Sapotaceae | *Pouteria trilocularis* Cronquist | -3 | -4 | -3 | -2 | - | - |
| Fabaceae | *Pterocarpus rohrii* Vahl | -1 | - | - | - | - | - |
| Proteaceae | *Roupala montana* Aubl. | - | -19 | -2 | -33 | - | - |
| Celastraceae | *Salacia impressifolia* (Miers) A.C.Sm. | - | +2 | - | 0 | - | - |
| Simaroubaceae | *Simaba orinocensis* Kunth | - | -1 | - | -1 | - | - |
| Elaeocarpaceae | *Sloanea garckeana* K.Schum. | - | -12 | +5 | 0 | - | - |
| Loganiaceae | *Strychnos araguaensis* Krukoff & Barneby | - | -1 | - | - | - | - |
| Loganiaceae | *Strychnos guianensis* (Aubl.) Mart. | - | - | - | 0 | - | - |
| Polygonaceae | *Symmeria paniculata* Benth. | - | -1 | - | 0 | - | - |
| Fabaceae | *Tachigali bracteosa* (Harms) Zarucchi & Pipoly | -60 | -12 | - | -23 | -25 | -2 |
| Pentaphylacaceae | *Ternstroemia candolleana* Wawra | -2 | -23 | -7 | -9 | - | - |
| Vochysiaceae | *Vochysia divergens* Pohl | -1 | - | - | 0 | 0 | 0 |
| Annonaceae | *Xylopia calophylla* R.E.Fr. | -13 | -12 | +3 | -4 | - | - |