AT1A

Porcentaje de varianza explicada por los tres primeros ejes de ACP en cada localidad

AT1A

Percentage of variance explained by the first three PCA axes at each location

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Localidad | ACP | PC1 | PC2 | PC3 |
| Guacamayas | Desviación estandar | 1.67 | 0.89 | 0.52 |
| Prop. varianza | 0.70 | 0.20 | 0.06 |
| Prop. acumulada | 0.70 | 0.90 | 0.97 |
| El Pino | Desviación estandar | 1.47 | 0.97 | 0.77 |
| Prop. varianza | 0.56 | 0.24 | 0.15 |
| Prop. acumulada | 0.56 | 0.80 | 0.95 |

El análisis de componentes principales (ACP) usando las cuatro métricas a nivel de especie para frugívoros (grado, c y z, contribución al anidamiento) muestra que el primer eje (PC1) representa el 70 % de la varianza en Guacamayas y el 56 % en El Pino (Apéndice 1A). Las cargas de cada métrica en el PC1 en ambas redes variaron entre 0.40 y 0.62 (AT1B).

Principal component analysis (PCA) using the four species-level metrics for frugivores (degree, c and z, contribution to nestedness) shows that the first axis (PC1) accounts for 70 % of the variance in Guacamayas and 56 % in El Pino (Appendix 1A). The loadings of each metric on PC1 in both networks varied between 0.40 and 0.62 (AT1B).

AT1B

Cargas de las métricas (grado, c y z, contribución al anidamiento) en los ejes del PCA para cada localidad

AT1B

Loadings of metrics (degree, c and z, contribution to nestedness) on the PCA axes for each locality

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Localidad | ACP | PC1 | PC2 | PC3 |
| Guacamayas | Grado | 0.574 | 0.101 | 0.179 |
| c | 0.421 | -0.745 | 0.419 |
| z | 0.454 | 0.655 | -0.491 |
| Contribución al anidamiento  | 0.536 | - | -0.818 |
| El Pino | Grado | 0.628 | - | 0.127 |
| c | 0.402 | 0.733 | 0.387 |
| z | 0.430 | -0.681 | 0.415 |
| Contribución al anidamiento  | 0.508 | - | -0.814 |

El análisis de componentes principales (ACP) usando las cuatro métricas a nivel de especie para frugívoros (grado, c y z, contribución al anidamiento) muestra que el primer eje (PC1) representa el 70 % de la varianza en Guacamayas y el 56 % en El Pino (Apéndice 1A). Las cargas de cada métrica en el PC1 en ambas redes variaron entre 0.40 y 0.62 (AT1B).

Principal component analysis (PCA) using the four species-level metrics for frugivores (degree, c and z, contribution to nestedness) shows that the first axis (PC1) accounts for 70 % of the variance in Guacamayas and 56 % in El Pino (Appendix 1A). The loadings of each metric on PC1 in both networks varied between 0.40 and 0.62 (AT1B).

AT2

Especies de plantas y animales con su correspondiente CNS, que corresponde al PC1 del análisis de componentes principales (ACP), para cada localidad

AT2

Plant and animal species with their corresponding CNS, PC1 of the principal component analysis (PCA), for each locality

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **GUACAMAYAS** |
| **Planta** | **Animal** | **CNS animal (PC1)** |
| *Astrocaryum malybo* | *Notosciurus granatensis* | 1.45 |
| *Attalea butyracea* | *Notosciurus granatensis* | 1.45 |
| *Bellucia sp* | *Cyanocorax affinis* | 4.72 |
|  | *Leptotila verreauxi* | -0.62 |
| *Casearia aculeata* | *Nemosia pileata* | 0.66 |
|  | *Psarocolius decumanus* | 3.03 |
| *Casearia corymbosa* | *Melanerpes rubricapillus* | 0.69 |
|  | *Pitangus sulphuratus* | -0.75 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Casearia sp* | *Psarocolius decumanus* | 3.03 |
| *Casearia sylvestris* | *Brotogeris jugularis* | 1.03 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Icterus nigrogularis* | -1.69 |
|  | *Ramphocelus dimidiatus* | 3.12 |
| *Cecropia longipes* | *Psarocolius decumanus* | 3.03 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Cecropia peltata* | *Brotogeris jugularis* | 1.03 |
|  | *Coereba flaveola* | -0.33 |
|  | *Euphonia laniirostris* | -0.06 |
|  | *Forpus conspicillatus* | -0.55 |
|  | *Icterus auricapillus* | -1.69 |
|  | *Icterus nigrogularis* | -1.69 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Saltator coerulescens* | -1.63 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
| *Centrolobium paraense* | *Ara ararauna* | -1.41 |
| *Cinnamomum triplinerve* | *Myiodynastes maculatus* | 2.21 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Myiozetetes similis* | -0.94 |
|  | *Ortalis garrula* | 1.78 |
|  | *Tyrannus savana* | 1.54 |
|  | *Tyrannus tyrannus* | -1.76 |
| *Davilla aff nitida* | *Ramphocelus dimidiatus* | 3.12 |
| *Desmoncus orthacanthus* | *Cyanocorax affinis* | 4.72 |
|  | *Ramphocelus dimidiatus* | 3.12 |
| *Doliocarpus dentatus* | *Elaenia flavogaster* | 1.68 |
|  | *Leptotila verreauxi* | -0.62 |
|  | *Melanerpes rubricapillus* | 0.69 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Nemosia pileata* | 0.66 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Elaeis oleifera* | *Campylorhynchus griseus* | -1.62 |
|  | *Crotophaga major* | -1.15 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Didelphis marsupialis* | -0.09 |
|  | *Leptotila verreauxi* | -0.62 |
|  | *Notosciurus granatensis* | 1.45 |
|  | *Ortalis garrula* | 1.78 |
|  | *Procyon cancrivorus* | -1.64 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Sporophila intermedia* | -1.52 |
| *Ficus sp1* | *Conirostrum leucogenys* | 0.08 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Euphonia laniirostris* | -0.06 |
|  | *Forpus conspicillatus* | -0.55 |
|  | *Legatus leucophaius* | -1.12 |
|  | *Megarynchus pitangua* | -0.3 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Ficus sp2* | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Euphonia laniirostris* | -0.06 |
|  | *Myiarchus crinitus* | -1.23 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Nemosia pileata* | 0.66 |
|  | *Ortalis garrula* | 1.78 |
|  | *Pitangus sulphuratus* | -0.75 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Saltator maximus* | -1.23 |
|  | *Tangara inornata* | 0.16 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Indeterminado2* | *Elaenia flavogaster* | 1.68 |
|  | *Myiozetetes similis* | -0.94 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Inga sp* | *Cyanocorax affinis* | 4.72 |
| *Lacistema aggregatum* | *Coereba flaveola* | -0.33 |
|  | *Notosciurus granatensis* | 1.45 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
| *Maclura tinctoria* | *Brotogeris jugularis* | 1.03 |
| *Matayba aff elegans* | *Myiodynastes maculatus* | 2.21 |
| *Miconia albicans* | *Brotogeris jugularis* | 1.03 |
|  | *Conirostrum leucogenys* | 0.08 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Icterus nigrogularis* | -1.69 |
|  | *Manacus manacus* | -0.26 |
|  | *Megarynchus pitangua* | -0.3 |
|  | *Melanerpes rubricapillus* | 0.69 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Nemosia pileata* | 0.66 |
|  | *Ortalis garrula* | 1.78 |
|  | *Protonotaria citrea* | -0.68 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Setophaga castanea* | -0.73 |
|  | *Tangara inornata* | 0.16 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Miconia impetiolaris* | *Cyanocorax affinis* | 4.72 |
|  | *Legatus leucophaius* | -1.12 |
|  | *Manacus manacus* | -0.26 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Myrcia falla* | *Brotogeris jugularis* | 1.03 |
|  | *Melanerpes rubricapillus* | 0.69 |
|  | *Nemosia pileata* | 0.66 |
|  | *Notosciurus granatensis* | 1.45 |
|  | *Ortalis garrula* | 1.78 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Pteroglossus torquatus* | 1.79 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Turdus grayi* | 2.61 |
| *Paullinia alata* | *Cyanocorax affinis* | 4.72 |
|  | *Ortalis garrula* | 1.78 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Phthirusa stelis* | *Tyrannus savana* | 1.54 |
| *Pouteria sp* | *Cuniculus paca* | -1.56 |
|  | *Dasyprocta punctata* | -2.23 |
|  | *Didelphis marsupialis* | -0.09 |
| *Psidium guajava* | *Cyanocorax affinis* | 4.72 |
| *Randia armata* | *Pteroglossus torquatus* | 1.79 |
| *Sabal mauritiformis* | *Ortalis garrula* | 1.78 |
|  | *Pteroglossus torquatus* | 1.79 |
| *Sabicea villosa* | *Thraupis palmarum* | 3.32 |
| *Schefflera morototoni* | *Myiodynastes maculatus* | 2.21 |
| *Siparuna guianensis* | *Coereba flaveola* | -0.33 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Legatus leucophaius* | -1.12 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Notosciurus granatensis* | 1.45 |
|  | *Pachyramphus cinnamomeus* | -1.54 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Spondias mombin* | *Cyanocorax affinis* | 4.72 |
|  | *Didelphis marsupialis* | -0.09 |
|  | *Leptotila verreauxi* | -0.62 |
|  | *Notosciurus granatensis* | 1.45 |
|  | *Ortalis garrula* | 1.78 |
|  | *Psarocolius decumanus* | 3.03 |
| *Sterculia apetala* | *Ara ararauna* | -1.41 |
|  | *Brotogeris jugularis* | 1.03 |
| *Trichilia hirta* | *Elaenia flavogaster* | 1.68 |
|  | *Melanerpes rubricapillus* | 0.69 |
|  | *Myiarchus tuberculifer* | -1.46 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Myiozetetes cayanensis* | 0.88 |
|  | *Pitangus lictor* | -1.41 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Thraupis palmarum* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
|  | *Tyrannus savana* | 1.54 |
| *Vitex capitata* | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Icterus nigrogularis* | -1.69 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Myiozetetes similis* | -0.94 |
|  | *Nemosia pileata* | 0.66 |
|  | *Psarocolius decumanus* | 3.03 |
|  | *Ramphocelus dimidiatus* | 3.12 |
|  | *Thraupis episcopus* | 3.32 |
|  | *Tyrannus melancholicus* | 2.22 |
| *Zanthoxylum setulosum* | *Crotophaga major* | -1.15 |
|  | *Cyanocorax affinis* | 4.72 |
|  | *Elaenia flavogaster* | 1.68 |
|  | *Myiodynastes maculatus* | 2.21 |
|  | *Ortalis garrula* | 1.78 |
|  | *Pitangus sulphuratus* | -0.75 |
|  | *Psarocolius decumanus* | 3.03 |

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| **EL PINO** |
| **Planta** | **Animal** | **CNS animal (PC1)** |
| *Acacia mangium* | *Campylorhynchus griseus* | -0.671 |
|  | *Eupsittula pertinax* | -0.238 |
|  | *Icterus galbula* | 0.021 |
|  | *Icterus nigrogularis* | 0.32 |
|  | *Megarynchus pitangua* | 1.29 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Thraupis episcopus* | 2.821 |
|  | *Tyrannus melancholicus* | 2.396 |
|  | *Tyrannus savana* | 1.949 |
| *Astrocaryum malybo* | *Dasyprocta punctata* | -2.027 |
| *Bactris gasipaes* | *Dasyprocta punctata* | -2.027 |
|  | *Didelphis marsupialis* | -1.311 |
| *Bursera simaruba* | *Ara macao* | -1.303 |
|  | *Cacicus cela* | 1.564 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Notosciurus granatensis* | 1.758 |
|  | *Pachyramphus cinnamomeus* | 0.338 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Psarocolius decumanus* | 2.597 |
|  | *Ramphocelus dimidiatus* | 0.309 |
|  | *Tityra inquisitor* | -0.442 |
|  | *Tityra semifasciata* | -0.336 |
|  | *Vireo olivaceus* | -1.117 |
| *Casearia aculeata* | *Amazona farinosa* | -0.147 |
|  | *Icterus nigrogularis* | 0.32 |
|  | *Megarynchus pitangua* | 1.29 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Myiarchus panamensis* | -0.32 |
|  | *Myiodynastes maculatus* | -1.144 |
|  | *Myiozetetes cayanensis* | -0.585 |
|  | *Myiozetetes similis* | -1.192 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Saltator coerulescens* | -1.105 |
|  | *Turdus grayi* | 1.28 |
|  | *Tyrannus melancholicus* | 2.396 |
|  | *Tyrannus savana* | 1.949 |
| *Casearia corymbosa* | *Cacicus cela* | 1.564 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Myiarchus panamensis* | -0.32 |
|  | *Tityra semifasciata* | -0.336 |
|  | *Turdus grayi* | 1.28 |
|  | *Tyrannus melancholicus* | 2.396 |
|  | *Tyrannus savana* | 1.949 |
| *Casearia sp* | *Psarocolius decumanus* | 2.597 |
| *Cecropia peltata* | *Euphonia laniirostris* | -0.25 |
|  | *Forpus conspicillatus* | -0.274 |
|  | *Megarynchus pitangua* | 1.29 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Psarocolius decumanus* | 2.597 |
|  | *Thraupis episcopus* | 2.821 |
|  | *Thraupis palmarum* | -0.394 |
| *Elaeis oleifera* | *Campylorhynchus griseus* | -0.671 |
|  | *Eupsittula pertinax* | -0.238 |
|  | *Icterus nigrogularis* | 0.32 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Psarocolius decumanus* | 2.597 |
| *Faramea sp* | *Notosciurus granatensis* | 1.758 |
|  | *Ortalis garrula* | -2.184 |
| *Ficus dendrocida* | *Conirostrum leucogenys* | -0.792 |
|  | *Elaenia flavogaster* | 0.036 |
|  | *Euphonia laniirostris* | -0.25 |
|  | *Icterus galbula* | 0.021 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Myiarchus crinitus* | -0.855 |
|  | *Nemosia pileata* | -0.761 |
|  | *Notosciurus granatensis* | 1.758 |
|  | *Pachyramphus cinnamomeus* | 0.338 |
|  | *Piranga rubra* | -0.704 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Protonotaria citrea* | -0.801 |
|  | *Psarocolius decumanus* | 2.597 |
|  | *Ramphocelus dimidiatus* | 0.309 |
|  | *Tangara inornata* | -0.806 |
|  | *Thraupis episcopus* | 2.821 |
|  | *Thraupis palmarum* | -0.394 |
|  | *Turdus grayi* | 1.28 |
|  | *Tyrannus melancholicus* | 2.396 |
|  | *Tyrannus savana* | 1.949 |
|  | *Tyrannus tyrannus* | -0.674 |
| *Guazuma ulmifolia* | *Eupsittula pertinax* | -0.238 |
|  | *Forpus conspicillatus* | -0.274 |
| *Maclura tinctoria* | *Thraupis episcopus* | 2.821 |
| *Momordica charantia* | *Melanerpes rubricapillus* | 4.53 |
| *Pouteria caimito* | *Didelphis marsupialis* | -1.311 |
| *Psidium guajava* | *Amazona farinosa* | -0.147 |
| *Psittacanthus calyculatus* | *Thraupis episcopus* | 2.821 |
| *Sapium laurifolium* | *Megarynchus pitangua* | 1.29 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Tityra inquisitor* | -0.442 |
| *Trichilia hirta* | *Cacicus cela* | 1.564 |
|  | *Elaenia flavogaster* | 0.036 |
|  | *Melanerpes rubricapillus* | 4.53 |
|  | *Myiarchus tuberculifer* | -1.741 |
|  | *Myiozetetes cayanensis* | -0.585 |
|  | *Thraupis episcopus* | 2.821 |
|  | *Tyrannus melancholicus* | 2.396 |
|  | *Tyrannus savana* | 1.949 |
| *Zanthoxylum setulosum* | *Megarynchus pitangua* | 1.29 |
|  | *Pitangus lictor* | -1.644 |
|  | *Pitangus sulphuratus* | 2.61 |
|  | *Psarocolius decumanus* | 2.597 |
|  | *Tyrannus melancholicus* | 2.396 |

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AT3

Especies de plantas, índice de importancia de las plantas (IIP) y rasgos evaluados para cada localidad

AT3

Plant species, plant importance index (PII) and traits evaluated for each locality

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Localidad** | **Especie** | **IIP** | **Color** | **Tipo de pulpa** | **Estrato** | **Diámetro** |
| guacamayas | *Miconia\_albicans* | 26.36 | Morado/Negro/Café | Carnosa | Bajo | 4.6 |
| guacamayas | *Doliocarpus\_dentatus* | 23.84 | Rojo | Carnosa | Medio | 8.6 |
| guacamayas | *Myrcia\_falla* | 22.8 | Morado/Negro/Café | Carnosa | Medio | 8.0 |
| guacamayas | *Ficus\_sp2* | 20.38 | Rojo | Carnosa | Medio | 5.3 |
| guacamayas | *Miconia\_impetiolaris* | 18.41 | Morado/Negro/Café | Carnosa | Bajo | 6.8 |
| guacamayas | *Vitex\_capitata* | 18.33 | Morado/Negro/Café | Carnosa | Medio | 8.7 |
| guacamayas | *Trichilia\_hirta* | 16.11 | Rojo | Arilo | Medio | 5.0 |
| guacamayas | *Siparuna\_guianensis* | 14.15 | Rojo | Carnosa | Bajo | 12.0 |
| guacamayas | *Zanthoxylum\_setulosum* | 11.52 | Verde | Fibrosa | Medio | 5.6 |
| guacamayas | *Spondias\_mombin* | 10.27 | Naranja/Amarillo | Carnosa | Medio | 23.1 |
| guacamayas | *Cecropia\_peltata* | 9.66 | Verde | Carnosa | Medio | 1.0 |
| guacamayas | *Paullinia\_alata* | 8.72 | Rojo | Arilo | Medio | 5.3 |
| guacamayas | *Cecropia\_longipes* | 8.57 | Verde | Carnosa | Medio | 1.0 |
| guacamayas | *Desmoncus\_orthacanthos* | 7.84 | Rojo | Fibrosa | Alto | 11.2 |
| guacamayas | *Lacistema\_aggregatum* | 7.76 | Rojo | Arilo | Medio | 5.5 |
| guacamayas | *Casearia\_sylvestris* | 7.18 | Naranja/Amarillo | Arilo | Medio | 3.0 |
| guacamayas | *Psidium\_guajava* | 4.72 | Naranja/Amarillo | Carnosa | Medio | 60.0 |
| guacamayas | *Elaeis\_oleifera* | 4.34 | Naranja/Amarillo | Fibrosa | Bajo | 11.9 |
| guacamayas | *Cinnamomum\_triplinerve* | 3.71 | Morado/Negro/Café | Carnosa | Medio | 6.0 |
| guacamayas | *Casearia\_corymbosa* | 3.7 | Naranja/Amarillo | Arilo | Medio | 8.2 |
| guacamayas | *Casearia\_aculeata* | 3.69 | Naranja/Amarillo | Arilo | Medio | 7.7 |
| guacamayas | *Sabal\_mauritiiformis* | 3.57 | Verde | Fibrosa | Medio | 7.0 |
| guacamayas | *Sabicea\_villosa* | 3.32 | Morado/Negro/Café | Carnosa | Bajo | 4.0 |
| guacamayas | *Davilla\_aff\_nitida* | 3.12 | Naranja/Amarillo | Seca | Medio | 4.0 |
| guacamayas | *Matayba\_aff\_elegans* | 2.21 | Morado/Negro/Café | Fibrosa | Medio | 7.7 |
| guacamayas | *Schefflera\_morototoni* | 2.21 | Morado/Negro/Café | Carnosa | Alto | 9.0 |
| guacamayas | *Randia\_armata* | 1.79 | Naranja/Amarillo | Fibrosa | Medio | 18.6 |
| guacamayas | *Phthirusa\_stelis* | 1.54 | Naranja/Amarillo | Carnosa | Bajo | 4.6 |
| guacamayas | *Astrocaryum\_malybo* | 1.45 | Morado/Negro/Café | Fibrosa | Bajo | 40.0 |
| guacamayas | *Attalea\_butyracea* | 1.45 | Naranja/Amarillo | Fibrosa | Medio | 50.0 |
| guacamayas | *Sterculia\_apetala* | -0.38 | Morado/Negro/Café | Seca | Medio | 50.0 |
| guacamayas | *Centrolobium\_paraense* | -1.41 | Verde | Seca | Medio | 60.0 |
| guacamayas | *Pouteria\_sp* | -3.88 | Morado/Negro/Café | Fibrosa | Medio | 200.0 |
| pino | *Acacia\_mangium* | 15.028 | Morado/Negro/Café | Seca | Medio | 4.0 |
| pino | *Ficus\_dendrocida* | 14.608 | Rojo | Carnosa | Medio | 5.3 |
| pino | *Cecropia\_peltata* | 12.93 | Verde | Carnosa | Medio | 1.0 |
| pino | *Casearia\_corymbosa* | 11.063 | Naranja/Amarillo | Arilo | Medio | 8.2 |
| pino | *Trichilia\_hirta* | 10.97 | Rojo | Arilo | Medio | 5.0 |
| pino | *Bursera\_simaruba* | 10.508 | Rojo | Arilo | Medio | 22.0 |
| pino | *Casearia\_aculeata* | 9.882 | Naranja/Amarillo | Arilo | Medio | 7.7 |
| pino | *Zanthoxylum\_setulosum* | 7.249 | Verde | Fibrosa | Medio | 5.6 |
| pino | *Elaeis\_oleifera* | 6.538 | Naranja/Amarillo | Fibrosa | Bajo | 11.9 |
| pino | *Sapium\_laurifolium* | 5.378 | Rojo | Arilo | Alto | 12.0 |
| pino | *Momordica\_charantia* | 4.53 | Rojo | Arilo | Bajo | 50.0 |
| pino | *Casearia\_sp* | 2.597 | Morado/Negro/Café | Fibrosa | Bajo | 7.0 |
| pino | *Psidium\_guajava* | -0.147 | Naranja/Amarillo | Carnosa | Medio | 60.0 |
| pino | *Guazuma\_ulmifolia* | -0.512 | Morado/Negro/Café | Seca | Medio | 20.0 |
| pino | *Pouteria\_caimito* | -1.311 | Morado/Negro/Café | Fibrosa | Medio | 60.0 |
| pino | *Astrocaryum\_malybo* | -2.027 | Morado/Negro/Café | Fibrosa | Bajo | 40.0 |
| pino | *Bactris\_gasipaes* | -3.338 | Morado/Negro/Café | Fibrosa | Medio | 40.0 |