

Supplementary Material

Tab. S1 - Number of individuals of bird species captured in the sampled areas in the Brazilian Amazon. (*): species exclusively found in the logged area; (**): species exclusively found in the unlogged area.

| Species | Logged area | | | Unlogged area | | | |
|-------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | year after logging: | 3 rd | 4 th | 5 th | 3 rd | 4 th | 5 th |
| Columbidae | | | | | | | |
| <i>Geotrygon montana</i> | | 3 | 2 | 4 | | | 5 |
| Trochilidae | | | | | | | |
| <i>Phaethornis bourcieri</i> ** | | | | | 1 | | |
| <i>Phaethornis superciliosus</i> | | 2 | | | | | 2 |
| <i>Thalurania furcata</i> ** | | | | | | 1 | |
| Trogonidae | | | | | | | |
| <i>Trogon rufus</i> * | | 1 | | | | | |
| Momotidae | | | | | | | |
| <i>Momotus momota</i> * | | | | 1 | | | |
| Galbulidae | | | | | | | |
| <i>Galbula albirostris</i> ** | | | | | 4 | 1 | |
| Ramphastidae | | | | | | | |
| <i>Ramphastos vitellinus</i> ** | | | | | 1 | | |
| <i>Selenidera piperivora</i> * | | 1 | | 1 | | | |
| Falconidae | | | | | | | |
| <i>Micrastur ruficollis</i> * | | | | 1 | | | |
| Thamnophilidae | | | | | | | |
| <i>Myrmornis torquata</i> ** | | | | | 1 | 1 | 2 |
| <i>Epinecrophylla gutturalis</i> ** | | | | | 1 | 1 | |
| <i>Myrmotherula axillaris</i> ** | | | | | 3 | | |
| <i>Myrmotherula longipennis</i> ** | | | | | 1 | 1 | 4 |
| <i>Thamnomanes ardesiacus</i> ** | | | | | 2 | 6 | 4 |
| <i>Thamnomanes caesius</i> ** | | | | | 1 | | 3 |
| <i>Thamnophilus murinus</i> | | 1 | 1 | 1 | | 2 | 1 |
| <i>Cymbilaimus lineatus</i> ** | | | | | 1 | | |
| <i>Frederickena viridis</i> | | | 2 | 1 | | | 1 |
| <i>Myrmoderus ferrugineus</i> * | | | 1 | | | | |
| <i>Percnostola subcristata</i> | | 7 | 1 | 2 | | | 2 |
| <i>Hypocnemis cantator</i> | | 3 | 2 | 2 | | 1 | |
| <i>Pithys albifrons</i> | | | | 4 | 7 | 2 | 4 |
| <i>Gymnopithys rufigula</i> | | | | 9 | 3 | | |
| Formicariidae | | | | | | | |
| <i>Formicarius colma</i> | | | | 1 | 1 | 2 | 2 |

| Species | Logged area | | | Unlogged area | | | |
|---------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | year after logging: | 3 rd | 4 th | 5 th | 3 rd | 4 th | 5 th |
| Scleruridae | | | | | | | |
| <i>Sclerurus macconnelli</i> ** | | | | | | 1 | |
| Dendrocolaptidae | | | | | | | |
| <i>Dendrocincla fuliginosa</i> | | 1 | 1 | 4 | 2 | | 1 |
| <i>Dendrocincla merula</i> | | | | 1 | | | 3 |
| <i>Deconychura longicauda</i> | | 1 | | | 1 | | 2 |
| <i>Sittasomus griseicapillus</i> * | | | 1 | | | | |
| <i>Certhiasomus stictolaemus</i> | | | 1 | 1 | | 1 | |
| <i>Glyphorhynchus spirurus</i> | | 7 | 2 | 6 | 9 | 6 | 7 |
| <i>Xiphorhynchus pardalotus</i> | | 7 | 3 | 3 | 5 | 5 | 10 |
| <i>Campylorhamphus procurvoides</i> * | | 1 | | | | | |
| <i>Lepidocolaptes albolineatus</i> ** | | | | | 1 | | |
| <i>Dendrocolaptes certhia</i> | | 2 | 2 | 1 | 1 | | |
| <i>Hylexetastes perrotii</i> | | | 1 | 2 | | 2 | |
| Xenopidae | | | | | | | |
| <i>Xenops minutus</i> ** | | | | | 1 | | |
| Furnariidae | | | | | | | |
| <i>Clibanornis obscurus</i> * | | | 1 | | | | |
| <i>Automolus cervicalis</i> ** | | | | | 1 | 1 | |
| <i>Automolus ochrolaemus</i> | | | | 2 | 2 | 2 | 2 |
| <i>Philydor erythrocerum</i> ** | | | | | 2 | 1 | |
| Pipridae | | | | | | | |
| <i>Ceratopipra erythrocephala</i> | | 10 | 7 | 10 | 2 | 4 | 7 |
| <i>Corapipo gutturalis</i> * | | | | 1 | | | |
| <i>Dixiphia pipra</i> | | 1 | 3 | 5 | 7 | 4 | 7 |
| Onychorhynchidae | | | | | | | |
| <i>Terenotriccus erythrurus</i> * | | | | 1 | | | |
| <i>Myiobius barbatus</i> | | 1 | | | | 1 | |
| Tityridae | | | | | | | |
| <i>Schiffornis turdina</i> * | | 1 | | | | | |
| <i>Laniocera hypopyrra</i> ** | | | | | | | 1 |
| Cotingidae | | | | | | | |
| <i>Lipaugus vociferans</i> * | | | | 2 | | | |
| <i>Phoenicircus carnifex</i> | | | | 2 | | 1 | |
| Platyrinchidae | | | | | | | |
| <i>Platyrinchus saturatus</i> ** | | | | | | 1 | |
| Rhynchocyclidae | | | | | | | |
| <i>Mionectes oleagineus</i> * | | 2 | 2 | 1 | | | |
| <i>Mionectes macconnelli</i> | | 1 | 3 | 9 | | 10 | 6 |
| <i>Corythopsis torquatus</i> ** | | | | | | | 1 |

| Species | Logged area | | | Unlogged area | | | |
|--------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | year after logging: | 3 rd | 4 th | 5 th | 3 rd | 4 th | 5 th |
| <i>Hemitriccus minor</i> ** | | | | | 1 | | |
| Tyrannidae | | | | | | | |
| <i>Attila spadiceus</i> | | 1 | 1 | 1 | 1 | | 1 |
| Troglodytidae | | | | | | | |
| <i>Pheugopedius coraya</i> * | | | 1 | | | | |
| Turdidae | | | | | | | |
| <i>Turdus albicollis</i> | | | 2 | | 10 | 3 | 4 |
| Thraupidae | | | | | | | |
| <i>Lanio fulvus</i> | | 1 | | | | | 1 |
| <i>Lanio surinamus</i> | | | | 3 | 3 | 2 | 2 |
| <i>Tangara varia</i> ** | | | | | | | 1 |
| Cardinalidae | | | | | | | |
| <i>Cyanoloxia rothschildii</i> | | 2 | 1 | | 1 | | |
| Number of individuals | | 57 | 41 | 82 | 77 | 63 | 86 |
| Number of species | | 22 | 21 | 29 | 30 | 26 | 27 |