Supplemental file **–** Species detected by three different methodologies in sites of forest and savanna over the dry period of 2014 in one region of northeastern Pantanal, Mato Grosso, Brazil. MN – mist net; PC - point count; ARU – autonomous acoustic recording.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  | **Forest** | | |  | **Savanna** | | |
|  | **MN** | **PC** | **ARU** |  | **MN** | **PC** | **ARU** |
| **Tinamiforme** |  |  |  |  |  |  |  |
| **Tinamidae** |  |  |  |  |  |  |  |
| *Crypturellus undulatus* |  | 3 | 4 |  |  | 4 | 4 |
| **Galliformes** |  |  |  |  |  |  |  |
| **Cracidae** |  |  |  |  |  |  |  |
| *Ortalis canicollis* |  | 3 | 3 |  |  | 4 | 4 |
| *Crax fasciolata* |  |  | 1 |  |  |  | 2 |
| **Columbiforme** |  |  |  |  |  |  |  |
| **Columbidae** |  |  |  |  |  |  |  |
| *Patagioenas cayennensis* |  | 1 | 2 |  |  | 2 | 2 |
| *Leptotila verreauxi* | 1 | 3 | 4 |  | 2 | 3 | 4 |
| *Columbina talpacoti* |  |  | 1 |  | 1 |  | 2 |
| *Columbina picui* |  |  |  |  |  | 1 |  |
| **Cuculiforme** |  |  |  |  |  |  |  |
| **Cuculidae** |  |  |  |  |  |  |  |
| *Guira guira* |  |  |  |  |  | 1 |  |
| *Crotophaga major* |  | 1 |  |  |  |  |  |
| *Crotophaga ani* |  |  |  |  | 2 |  | 2 |
| *Tapera naevia* |  |  |  |  |  | 2 | 5 |
| *Piaya cayana* |  | 2 |  |  | 1 |  |  |
| **Apodiformes** |  |  |  |  |  |  |  |
| **Apodidae** |  |  |  |  |  |  |  |
| *Tachornis squamata* |  |  |  |  |  | 1 |  |
| **Trochilidae** |  |  |  |  |  |  |  |
| *Phaethornis nattereri* | 2 |  |  |  | 3 |  |  |
| *Phaethornis ruber* |  |  | 1 |  |  |  |  |
| *Chrysolampis mosquitus* |  |  |  |  | 1 |  |  |
| *Amazilia fimbriata* |  |  |  |  | 3 | 2 | 2 |
| **Gruiformes** |  |  |  |  |  |  |  |
| **Rallidae** |  |  |  |  |  |  |  |
| *Anurolimnas viridis* |  |  |  |  |  | 1 |  |
| *Pardirallus nigricans* |  |  |  |  |  |  | 1 |
| *Aramides cajaneus* |  |  |  |  |  | 1 | 1 |
| **Heliornithidae** |  |  |  |  |  |  |  |
| *Heliornis fulica* |  |  | 1 |  |  |  |  |
| **Charadriiformes** |  |  |  |  |  |  |  |
| **Charadriidae** |  |  |  |  |  |  |  |
| *Vanellus chilensis* |  |  |  |  |  | 2 | 1 |
| **Jacanidae** |  |  |  |  |  |  |  |
| *Jacana jacana* |  |  |  |  |  | 1 | 1 |
| **Rynchopidae** |  |  |  |  |  |  |  |
| *Rynchops niger* |  |  | 1 |  |  |  |  |
| **Laridae** |  |  |  |  |  |  |  |
| *Phaetusa simplex* |  |  | 1 |  |  |  |  |
| **Suliformes** |  |  |  |  |  |  |  |
| **Anhingidae** |  |  |  |  |  |  |  |
| *Anhinga anhinga* |  | 1 | 2 |  |  |  |  |
| **Pelecaniformes** |  |  |  |  |  |  |  |
| **Threskiornithidae** |  |  |  |  |  |  |  |
| *Mesembrinibis cayennensis* |  | 2 | 2 |  |  | 1 |  |
| *Theristicus caerulescens* |  |  | 1 |  |  | 2 |  |
| *Theristicus caudatus* |  |  |  |  |  | 2 |  |
| **Accipitriformes** |  |  |  |  |  |  |  |
| **Accipitridae** |  |  |  |  |  |  |  |
| *Rupornis magnirostris* |  | 1 | 2 |  |  | 2 | 2 |
| **Trogoniformes** |  |  |  |  |  |  |  |
| **Trogonidae** |  |  |  |  |  |  |  |
| *Trogon curucui* |  | 2 | 2 |  |  |  | 1 |
| **Coraciiformes** |  |  |  |  |  |  |  |
| **Momotidae** |  |  |  |  |  |  |  |
| *Momotus momota* |  | 1 | 1 |  |  |  |  |
| **Alcedinidae** |  |  |  |  |  |  |  |
| *Megaceryle torquata* |  | 2 | 2 |  |  |  | 2 |
| *Chloroceryle amazona* |  | 1 | 1 |  |  |  |  |
| *Chloroceryle aenea* | 1 | 1 | 1 |  |  |  |  |
| *Chloroceryle inda* | 1 | 1 | 2 |  |  |  | 1 |
| **Galbuliformes** |  |  |  |  |  |  |  |
| **Galbulidae** |  |  |  |  |  |  |  |
| *Brachygalba lugubris* |  |  |  |  |  | 1 |  |
| *Galbula ruficauda* | 1 | 3 | 4 |  | 2 | 2 | 2 |
| **Bucconidae** |  |  |  |  |  |  |  |
| *Monasa nigrifrons* | 1 | 2 | 2 |  |  |  | 1 |
| **Piciformes** |  |  |  |  |  |  |  |
| **Ramphastidae** |  |  |  |  |  |  |  |
| *Ramphastos toco* |  | 1 |  |  |  | 2 |  |
| *Pteroglossus castanotis* |  | 1 |  |  |  | 1 |  |
| **Picidae** |  |  |  |  |  |  |  |
| *Piccumnus albosquamatus* | 1 | 1 |  |  | 3 | 2 | 2 |
| *Melanerpes candidus* |  |  |  |  |  | 1 |  |
| *Veniliornis passerinus* |  |  | 1 |  | 2 | 3 | 3 |
| *Campephilus rubricollis* |  | 1 | 1 |  |  |  |  |
| *Campephilus melanoleucos* |  | 1 |  |  |  | 1 |  |
| *Celeus flavus* |  | 1 | 2 |  |  | 1 | 1 |
| *Celeus lugubris* |  | 1 |  |  |  |  |  |
| *Piculus chrysochloros* |  |  |  |  | 1 |  |  |
| *Colaptes melanochloros* |  |  |  |  |  | 1 |  |
| *Colaptes campestris* |  |  |  |  |  | 1 |  |
| **Falconiformes** |  |  |  |  |  |  |  |
| **Falconidae** |  |  |  |  |  |  |  |
| *Micrastur semitorquatus* |  |  | 1 |  |  | 1 | 1 |
| *Caracara plancus* |  |  |  |  |  | 1 | 2 |
| *Falco rufigularis* |  |  |  |  |  |  | 1 |
| *Herpetotheres cachinnans* |  |  |  |  |  |  | 1 |
| **Psittacifomes** |  |  |  |  |  |  |  |
| **Psittacidae** |  |  |  |  |  |  |  |
| *Myiopsitta monachus* |  |  |  |  |  | 2 | 1 |
| *Brotogeris chiriri* |  | 4 | 3 |  |  | 4 | 4 |
| *Amazona aestiva* |  | 1 | 2 |  |  | 2 | 2 |
| *Amazona amazonica* |  | 2 | 3 |  |  | 1 | 2 |
| *Eupsittula aurea* |  |  |  |  |  | 3 | 2 |
| *Diopsittaca nobilis* |  |  |  |  |  | 1 | 1 |
| *Psittacara leucophthalmus* |  |  |  |  |  | 1 |  |
| **Passeriformes** |  |  |  |  |  |  |  |
| **Thamnophilidae** |  |  |  |  |  |  |  |
| *Taraba major* |  | 2 | 3 |  | 2 | 3 | 4 |
| *Thamnophilus doliatus* | 1 |  |  |  | 1 | 4 | 4 |
| *Thamnophilus pelzelni* |  |  | 1 |  |  |  |  |
| *Dysithamnus mentalis* | 3 | 1 | 1 |  |  | 1 |  |
| *Herpsilochmus longirostris* |  | 3 | 2 |  | 1 | 1 |  |
| *Formicivora grisea* |  |  |  |  |  | 1 |  |
| *Formicivora rufa* |  |  |  |  | 2 | 3 | 2 |
| *Cercomacra melanaria* | 1 | 2 | 2 |  | 4 | 4 | 4 |
| *Pyriglena leuconota* | 1 |  | 1 |  |  |  |  |
| *Hypocnemoides maculicauda* | 2 | 2 | 3 |  |  |  |  |
| **Furnariidae** |  |  |  |  |  |  |  |
| *Sittasomus griseicapillus* | 1 |  | 1 |  | 1 | 1 |  |
| *Xiphocolaptes major* |  |  |  |  |  |  | 1 |
| *Xiphorhynchus guttatus* | 1 | 1 | 3 |  | 1 | 1 | 3 |
| *Dendroplex picus* |  | 1 | 3 |  |  | 2 | 3 |
| *Campylorhamphus trochilirostris* |  |  |  |  | 1 |  | 2 |
| *Lepidocolaptes angustirostris* |  | 1 |  |  | 2 | 1 | 1 |
| *Furnarius leucopus* | 2 | 4 | 3 |  | 2 | 3 | 4 |
| *Furnarius rufus* |  | 1 | 1 |  | 1 | 4 | 4 |
| *Phacellodomus rufifrons* |  | 1 |  |  | 3 | 2 | 4 |
| *Phacellodomus ruber* |  |  |  |  |  | 3 | 2 |
| *Cranioleuca vulpina* | 1 | 2 | 3 |  | 1 | 2 | 3 |
| *Pseudoseisura unirufa* |  |  |  |  | 2 | 1 | 4 |
| *Certhiaxis cinnamomeus* |  |  |  |  | 1 | 1 | 1 |
| *Synallaxis albilora* | 1 | 2 | 3 |  | 4 | 4 | 3 |
| *Synallaxis hypospodia* |  |  |  |  | 1 | 1 |  |
| **Tyrannidae** |  |  |  |  |  |  |  |
| *Phyllomyias fasciatus* |  | 1 |  |  |  |  |  |
| *Myiopagis gaimardii* |  | 2 | 2 |  |  | 3 | 2 |
| *Myiopagis viridicata* |  |  |  |  | 1 | 2 |  |
| *Elaenia flavogaster* |  |  |  |  | 3 | 1 |  |
| *Elaenia spectabilis* |  |  |  |  |  | 1 |  |
| *Elaenia parvirostris* |  |  |  |  | 2 |  |  |
| *Elaenia chiriquensis* |  |  |  |  | 1 |  |  |
| *Camptostoma obsoletum* |  |  | 1 |  | 2 | 3 | 3 |
| *Phaeomyias murina* |  |  |  |  | 4 | 1 | 1 |
| *Euscarthmus meloryphus* |  |  | 1 |  | 1 |  | 1 |
| *Leptopogon amaurocephalus* | 1 | 1 |  |  |  |  |  |
| *Inezia inornata* |  |  | 1 |  |  |  | 1 |
| *Hemitriccus striaticollis* | 2 | 1 | 4 |  |  |  | 2 |
| *Hemitriccus margaritaceiventer* |  | 1 |  |  | 4 | 3 | 3 |
| *Poecilotriccus latirostris* | 1 | 2 | 2 |  | 4 | 2 | 3 |
| *Todirostrum cinereum* |  |  |  |  | 2 | 1 | 1 |
| *Tolmomyias sulphurescens* |  | 1 |  |  |  |  |  |
| *Myiophobus fasciatus* |  |  |  |  |  | 1 | 1 |
| *Cnemotriccus fuscatus* | 2 | 2 | 4 |  | 2 | 3 | 1 |
| *Legatus leucophaius* |  | 1 |  |  | 1 | 2 | 1 |
| *Myiozetetes cayanensis* |  | 1 | 2 |  | 1 | 3 | 2 |
| *Pitangus sulphuratus* |  | 1 |  |  |  | 2 | 3 |
| *Pitangus lictor* |  |  |  |  |  | 2 |  |
| *Myiodynastes maculatus* |  |  | 1 |  |  | 1 |  |
| *Megarynchus pitangua* |  | 1 |  |  |  | 2 | 1 |
| *Empidonomus varius* |  |  |  |  |  | 1 |  |
| *Tyrannus melancholicus* |  |  |  |  |  | 3 | 2 |
| *Casiornis rufus* | 1 | 1 | 1 |  | 1 | 2 |  |
| *Myiarchus swainsoni* |  |  | 1 |  | 1 | 2 |  |
| *Myiarchus ferox* | 1 | 4 |  |  | 2 | 4 | 3 |
| *Myiarchus tyrannulus* |  | 2 | 1 |  |  | 3 | 2 |
| *Attila bolivianus* | 1 | 1 |  |  |  |  |  |
| **Pipridae** |  |  |  |  |  |  |  |
| *Neopelma pallescens* |  |  |  |  | 1 |  |  |
| *Antilophia galeata* | 2 |  |  |  | 1 |  |  |
| *Pipra fasciicauda* | 2 |  |  |  |  |  |  |
| **Tityridae** |  |  |  |  |  |  |  |
| *Pachyramphus viridis* |  |  |  |  | 1 |  | 1 |
| *Pachyramphus polychopterus* |  | 1 |  |  | 2 | 1 | 1 |
| **Vireonidae** |  |  |  |  |  |  |  |
| *Hylophilus pectoralis* | 1 | 1 | 1 |  | 4 | 4 | 3 |
| *Vireo olivaceus* |  | 1 | 1 |  | 1 | 2 |  |
| **Corvidae** |  |  |  |  |  |  |  |
| *Cyanocorax cyanomelas* |  | 2 | 1 |  |  | 3 | 2 |
| **Hirundinidae** |  |  |  |  |  |  |  |
| *Progne chalybea* |  |  |  |  |  |  | 1 |
| *Tachycineta leucorrhoa* |  |  | 1 |  |  | 1 |  |
| **Troglodytidae** |  |  |  |  |  |  |  |
| *Campylorhynchus turdinus* |  | 2 | 3 |  |  | 2 | 3 |
| *Pheugopedius genibarbis* | 2 | 3 | 4 |  | 1 | 4 | 4 |
| *Cantorchilus leucotis* | 1 | 3 | 3 |  | 4 | 4 | 4 |
| **Polioptilidae** |  |  |  |  |  |  |  |
| *Polioptila dumicola* |  | 1 | 1 |  | 3 | 3 | 3 |
| **Donacobiidae** |  |  |  |  |  |  |  |
| *Donacobius atricapilla* |  |  |  |  |  | 1 | 1 |
| **Turdidae** |  |  |  |  |  |  |  |
| *Turdus leucomelas* |  |  |  |  |  | 1 |  |
| *Turdus amaurochalinus* | 2 | 1 |  |  | 2 | 1 |  |
| **Fringilidae** |  |  |  |  |  |  |  |
| *Euphonia chlorotica* |  | 1 | 1 |  |  | 2 |  |
| **Passerellidae** |  |  |  |  |  |  |  |
| *Arremon flavirostris* | 1 |  |  |  | 2 |  | 2 |
| **Icteridae** |  |  |  |  |  |  |  |
| *Cacicus solitarius* |  |  |  |  | 3 | 3 | 3 |
| *Cacicus cela* |  | 3 | 1 |  |  | 1 |  |
| *Icterus croconotus* |  | 1 |  |  | 1 | 3 | 3 |
| *Agelasticus cyanopus* |  |  |  |  | 1 | 1 | 1 |
| **Parulidae** |  |  |  |  |  |  |  |
| *Geothlypis aequinoctialis* |  |  |  |  |  | 1 |  |
| *Myiothlypis flaveola* | 3 | 3 | 2 |  |  |  |  |
| **Thraupidae** |  |  |  |  |  |  |  |
| *Nemosia pileata* |  |  |  |  |  | 1 | 1 |
| *Conirostrum speciosum* |  |  | 1 |  | 1 | 1 |  |
| *Sicalis citrina* |  |  |  |  |  | 1 |  |
| *Volatinia jacarina* |  |  |  |  | 2 |  |  |
| *Tachyphonus rufus* |  |  |  |  | 2 |  |  |
| *Eucometis penicillata* | 2 |  | 1 |  |  |  |  |
| *Ramphocelus carbo* | 2 | 1 | 2 |  | 4 | 2 | 2 |
| *Sporophila leucoptera* |  |  |  |  | 1 | 1 |  |
| *Sporophila angolensis* | 1 |  |  |  | 2 |  |  |
| *Saltator coerulescens* | 1 | 2 | 1 |  | 3 | 3 | 4 |
| *Coereba flaveola* |  |  |  |  | 4 | 3 | 2 |
| *Paroaria capitata* |  |  |  |  | 4 |  |  |
| *Thraupis sayaca* |  |  |  |  |  | 1 | 1 |