

SUPPLEMENTARY MATERIAL

TABLE SII

Composition, abundance (PAI) and distribution of birds along the vegetation gradient in Maciço do Urucum, western Brazil. n = number of stations. *Species without PAI did not occur in point counts, but were observed in the study area.

TAXON	Riparian Forests n=8	Submontane Forests n=8	Forested Savannas n=8	Arboreal Savannas n=8	Altitudinal Grasslands n=8	Study Area n = 40
Rheiformes						
Rheidae						
<i>Rhea americana</i>	-	-	-	-	-	-
Tinamiformes						
Tinamidae						
<i>Crypturellus undulatus</i>	0.75	2.25	2.13	0.25	-	1.08
<i>Crypturellus parvirotris</i>	-	-	-	-	-	-
<i>Crypturellus tataupa</i>	-	0.13	-	0.25	-	0.08
<i>Rhynchotus rufescens</i>	-	-	-	-	-	-
Anseriformes						
Anatidae						
<i>Amazonetta brasiliensis</i>	-	-	-	-	-	-
Galliformes						
Cracidae						
<i>Penelope superciliares</i>	-	-	0.13	0.25	-	0.08
<i>Ortalis canicollis</i>	-	-	-	-	-	-
<i>Crax fasciolata</i>	-	0.25	0.13	-	-	0.08
Podicipediformes						
Podicipedidae						
<i>Tachybaptus dominicus</i>	-	-	-	-	-	-
Pelecaniformes						
Ardeidae						
<i>Tigrisoma lineatum</i>	-	-	-	-	-	-
<i>Bubulcus ibis</i>	-	-	-	-	-	-
<i>Ardea cocoi</i>	-	-	-	-	-	-
<i>Syrigma sibilatrix</i>	-	-	-	-	-	-
<i>Egretta thula</i>	-	-	-	-	-	-
Cathartiformes						
Cathartidae						
<i>Cathartes aura</i>	-	-	-	-	-	-
<i>Coragyps atratus</i>	-	-	-	-	-	-
<i>Sarcoramphus papa</i>	-	-	-	-	-	-
Accipitriformes						
Pandionidae						
<i>Pandion haliaetus</i>	-	-	-	-	-	-
Accipitridae						

TABLE SII (continuation)

TAXON	Riparian Forests n=8	Submontane Forests n=8	Forested Savannas n=8	Arboreal Savannas n=8	Altitudinal Grasslands n=8	Study Area n = 40
<i>Leptodon cayanensis</i>	-	-	-	-	-	-
<i>Ictinia plumbea</i>	-	-	-	-	-	-
<i>Geranospiza caerulescens</i>	-	-	-	-	-	-
<i>Heterospizias meridionalis</i>	-	-	-	-	-	-
<i>Rupornis magnirostris</i>	0.38	0.50	-	0.13	-	0.20
<i>Buteo nitidus</i>	-	-	-	-	-	-
<i>Buteo platypterus</i>	0.13	-	-	-	-	0.03
<i>Harpia harpyja</i>	0.13	-	-	-	-	0.03
<i>Spizaetus melanoleucus</i>	-	-	-	-	-	-
<i>Spizaetus ornatus</i>	-	0.25	-	-	-	0.05
Gruiformes						
Rallidae						
<i>Aramides cajaneus</i>	-	-	-	-	-	-
Charadriiformes						
Charadriidae						
<i>Vanellus chilensis</i>	-	-	-	-	-	-
Jacanidae						
<i>Jacana jacana</i>	-	-	-	-	-	-
Columbiformes						
Columbidae						
<i>Columbina talpacoti</i>	-	-	-	-	-	-
<i>Columbina squamata</i>	-	-	-	-	-	-
<i>Columbina picui</i>	-	-	-	-	-	-
<i>Claravis pretiosa</i>	0.13	-	0.38	0.13	-	0.13
<i>Patagioenas picazuro</i>	-	-	-	0.13	-	0.03
<i>Leptotila verreauxi</i>	3.75	3.00	4.25	2.50	0.13	1.60
Cuculiformes						
Cuculidae						
<i>Piaya cayana</i>	1.63	1.88	1.88	0.88	-	1.25
<i>Coccyzus melacoryphus</i>	-	-	-	-	-	-
<i>Coccyzus americanus</i>	-	-	0.13	-	-	0.03
<i>Crotophaga ani</i>	-	-	-	0.75	-	0.15
<i>Guira guira</i>	-	-	-	-	-	-
<i>Tapera naevia</i>	-	-	-	0.13	-	0.03
Strigiformes						
Strigidae						
<i>Glaucidium brasilianum</i>	0.38	-	0.25	0.13	-	0.15
Caprimulgiformes						

BIRDS OF THE BRAZILIAN CHIQUITANO FORESTS

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TAXON	Riparian Forests n=8	Submontane Forests n=8	Forested Savannas n=8	Arboreal Savannas n=8	Altitudinal Grasslands n=8	Study Area n = 40
Caprimulgidae						
<i>Hydropsalis albicollis</i>	-	-	-	-	-	-
Apodiformes						
Trochilidae						
<i>Phaetornis pretrei</i>	0.13	-	-	-	-	0.03
<i>Chlorostilbon lucidus</i>	-	-	0.25	0.50	-	0.15
<i>Thalurania furcata</i>	0.25	0.13	0.38	-	-	0.15
<i>Hylocharis chrysura</i>	-	0.25	0.75	2.25	-	0.65
<i>Heliomaster furcifer</i>	-	-	-	0.13	0.13	0.05
Trogoniformes						
Trogonidae						
<i>Trogon curucui</i>	1.13	3.25	2.13	1.00	-	1.50
Coraciiformes						
Alcedinidae						
<i>Chloroceryle inda</i>	0.13	-	-	-	-	0.03
Momotidae						
<i>Momotus momota</i>	1.13	-	-	-	-	0.23
Galbuliformes						
Galbulidae						
<i>Galbula ruficauda</i>	-	-	0.13	-	-	0.03
Bucconidae						
<i>Nystalus striatipectus</i>	-	-	-	0.50	-	0.10
Piciformes						
Ramphastidae						
<i>Ramphastos toco</i>	0.63	0.13	0.13	-	-	0.18
<i>Pteroglossus castanotis</i>	1.75	0.38	1.00	0.50	-	0.73
Picidae						
<i>Picumnus albosquamatus</i>	0.25	-	-	-	-	0.05
<i>Veniliornis passerinus</i>	0.25	0.50	0.50	0.63	-	0.38
<i>Piculus chrysochloros</i>	0.13	-	-	-	-	0.03
<i>Colaptes melanochloros</i>	0.13	-	-	-	-	0.03
<i>Celeus lugubris</i>	0.88	0.13	-	-	-	0.20
<i>Dryocopus lineatus</i>	0.13	0.13	0.13	0.38	-	0.15
<i>Campephilus melano-leucus</i>	-	0.13	-	-	-	0.03
Cariamiformes						
Cariamidae						
<i>Cariama cristata</i>	-	-	-	-	-	-
Falconiformes						

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TAXON	Riparian Forests n=8	Submontane Forests n=8	Forested Savannas n=8	Arboreal Savannas n=8	Altitudinal Grasslands n=8	Study Area n = 40
Falconidae						
<i>Caracara plancus</i>	-	-	-	-	-	-
<i>Milvago chimachima</i>	-	-	-	-	-	-
<i>Herpetotheres cachinans</i>	0.13	-	-	-	-	0.03
<i>Micrastur ruficollis</i>	-	-	0.13	-	-	0.03
<i>Falco sparverius</i>	-	-	-	-	0.13	0.03
<i>Falco rufigularis</i>	0.50	-	-	-	-	0.10
<i>Falco deiroleucus</i>	-	-	-	-	0.13	0.03
Psittaciformes						
Psittacidae						
<i>Ara chloropterus</i>	-	-	-	-	-	-
<i>Psittacara leucophthalmus</i>	-	-	-	-	-	-
<i>Pyrrhura molinae</i>	3.25	6.75	1.50	3.75	-	2.38
<i>Brotogeris chiriri</i>	5.38	7.50	1.75	0.50	-	1.68
<i>Pionus maximiliani</i>	0.25	0.25	0.25	-	-	0.15
Passeriformes						
Thamnophilidae						
<i>Formicivora rufa</i>	-	-	-	0.25	0.50	0.15
<i>Herpsilochmus atricapillus</i>	4.63	5.00	3.38	-	-	1.70
<i>Thamnophilus doliatus</i>	-	-	-	-	-	-
<i>Thamnophilus sticturus</i>	1.00	1.75	6.13	3.63	-	2.50
<i>Taraba major</i>	0.13	-	-	-	-	0.03
<i>Pyriglena leuconota</i>	0.25	0.63	0.75	0.13	-	0.35
Dendrocolaptidae						
<i>Sittasomus griseicapillus</i>	0.63	0.25	1.25	0.38	-	0.28
<i>Xiphorhynchus guttatus</i>	3.13	2.00	1.13	0.38	-	1.33
<i>Campyloramphus trochilirostris</i>	0.25	-	-	-	-	0.05
<i>Lepidocolaptes angustirostris</i>	0.13	0.38	0.50	0.38	-	0.28
<i>Dendrocolaptes picumnus</i>	1.13	0.88	0.38	0.13	-	0.50
<i>Dendrocolaptes platyrostris</i>	-	0.13	0.25	-	-	0.08
<i>Xiphocolaptes major</i>	-	0.25	-	-	-	0.05
Xenopidae						
<i>Xenops rutilans</i>	-	-	-	-	-	-
Furnariidae						

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<i>Furnarius rufus</i>	-	-	-	-	-	-
<i>Phacellodomus rufifrons</i>	-	-	-	-	-	-
<i>Synallaxis albilora</i>	-	-	-	-	-	-
Pipridae						
<i>Pipra fasciicauda</i>	-	-	-	-	-	-
Tityridae						
<i>Tityra inquisitor</i>	-	-	-	0.13	-	0.03
<i>Tityra cayana</i>	0.38	0.75	-	0.13	-	0.25
Platyrinchidae						
<i>Platyrhynchus mystaceus</i>	-	0.13	-	-	-	0.03
Rhynchocyclidae						
<i>Leptopogon amaurocephalus</i>	0.75	0.63	0.25	-	-	0.33
<i>Tolmomyias sulphurens</i>	0.75	0.38	1.75	-	-	0.58
<i>Hemitriccus margaritaceiventer</i>	-	-	0.88	3.13	-	0.80
Tyrannidae						
<i>Hirundinea ferruginea</i>	-	-	-	-	-	-
<i>Camptostoma obsoletum</i>	-	-	-	0.63	-	0.13
<i>Elaenia flavogaster</i>	-	-	-	0.13	-	0.03
<i>Elaenia chiriquensis</i>	-	-	-	0.25	2.13	0.48
<i>Myiopagis gaimardii</i>	-	-	0.13	0.13	-	0.05
<i>Myiopagis caniceps</i>	-	-	0.25	-	-	0.05
<i>Myiopagis viridicata</i>	-	-	0.50	-	-	0.10
<i>Legatus leucophaius</i>	-	-	0.25	-	-	0.05
<i>Myiarchus swainsonii</i>	-	0.13	-	-	-	0.03
<i>Myiarchus tyrannulus</i>	0.50	2.00	3.38	5.25	-	2.23
<i>Casiornis rufus</i>	0.13	-	2.00	2.00	-	0.83
<i>Pitangus sulphuratus</i>	0.25	0.63	1.13	0.13	-	0.43
<i>Myiodynastes maculatus</i>	1.38	0.63	0.88	0.25	-	0.63
<i>Megarynchus pitangua</i>	1.63	1.00	1.38	1.13	-	1.03
<i>Tyrannus melancholicus</i>	0.13	-	0.13	-	-	0.05
<i>Empidonomus varius</i>	0.13	0.13	-	0.13	-	0.08
<i>Myiophobus fasciatus</i>	-	-	-	-	-	-
<i>Cnemotriccus fuscatus</i>	-	-	0.50	0.50	-	0.20
<i>Lathrotriccus euleri</i>	-	-	-	-	-	-
<i>Contopus cinereus</i>	-	0.13	-	-	-	0.03
Vireonidae						
<i>Cyclarhis gujanensis</i>	0.25	0.25	2.13	1.13	-	0.75

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TAXON	Riparian Forests n=8	Submontane Forests n=8	Forested Savannas n=8	Arboreal Savannas n=8	Altitudinal Grasslands n=8	Study Area n = 40
<i>Vireo chivi</i>	2.63	1.63	2.63	-	-	1.38
Corvidae						
<i>Cyanocorax cyanomelas</i>	4.63	4.25	8.25	6.38	-	4.70
<i>Cyanocorax chrysops</i>	3.63	4.13	6.50	4.00	-	3.65
Troglodytidae						
<i>Troglodytes musculus</i>	-	-	0.13	0.50	1.88	0.50
<i>Campylorhynchus tur-</i> <i>dinus</i>	0.25	-	0.13	-	-	0.08
<i>Cantorchilus guaraya-</i> <i>nus</i>	2.13	0.25	1.75	0.75	-	0.98
Poliopitidae						
<i>Poliopitila dumicola</i>	-	-	0.13	-	-	0.03
Turdidae						
<i>Turdus leucomelas</i>	5.13	4.00	2.38	1.63	-	2.63
<i>Turdus rufiventris</i>	-	-	-	-	-	-
<i>Turdus amaurochalinus</i>	0.13	-	0.13	0.13	-	0.08
<i>Turdus albicollis</i>	-	-	-	-	-	-
Passerellidae						
<i>Ammodramus humeralis</i>	-	-	-	-	-	-
<i>Arremon flavirostris</i>	-	-	0.63	-	-	0.13
Parulidae						
<i>Setophaga pitiayumi</i>	0.13	0.25	-	-	-	0.08
<i>Basileuterus culicivorus</i>	12.38	14.25	6.38	0.25	0.38	6.73
<i>Myiothlypis flaveola</i>	2.50	0.25	7.13	3.25	-	2.18
Icteridae						
<i>Psarocolius decumanus</i>	3.38	2.00	0.50	0.25	-	1.23
<i>Cacicus haemorrhous</i>	-	-	-	-	-	-
<i>Icterus pyrrhopterus</i>	0.75	2.25	2.63	3.38	0.50	1.90
<i>Icterus croconotus</i>	-	-	-	-	-	-
<i>Gnorimopsar chopi</i>	-	-	-	0.50	-	0.10
<i>Molothrus bonariensis</i>	-	-	-	-	-	-
Thraupidae						
<i>Saltatricula atricollis</i>	-	-	-	0.25	3.63	0.78
<i>Saltator similis</i>	-	-	0.38	0.88	-	0.25
<i>Nemosia pileata</i>	-	-	-	0.13	-	0.03
<i>Thlypopsis sordida</i>	-	-	-	-	-	-
<i>Tachyphonus rufus</i>	-	-	-	-	-	-
<i>Ramphocelus carbo</i>	0.13	0.50	-	-	-	0.13
<i>Lanio cucullatus</i>	0.63	0.50	0.75	1.13	0.13	0.63
<i>Lanio penicillatus</i>	5.00	2.75	2.00	-	-	1.05

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<i>Tangara sayaca</i>	-	2.00	2.88	3.50	0.38	1.75
<i>Tangara palmarum</i>	-	-	-	0.25	-	0.05
<i>Hemithraupis guira</i>	4.88	4.63	6.25	3.00	-	2.63
<i>Conirostrum speciosum</i>	0.25	0.50	0.75	-	-	0.30
<i>Porphyrospiza caerulescens</i>	-	-	-	-	0.75	0.15
<i>Emberizoides herbicola</i>	-	-	-	0.38	0.75	0.23
<i>Volatinia jacarina</i>	-	-	-	-	0.63	0.13
<i>Sporophila caerulescens</i>	-	-	-	-	-	-
Cardinalidae						
<i>Piranga flava</i>	0.13	-	-	0.38	2.25	0.55
<i>Pheucticus aureoventris</i>	-	-	-	-	-	-
Fringillidae						
<i>Sporagra magellanica</i>	-	-	-	-	-	-
<i>Euphonia chlorotica</i>	0.63	0.13	0.88	0.25	-	0.38
Abundance	723	720	805	536	115	2899
Richness	65	57	65	64	16	110