

SUPPLEMENTARY MATERIAL ONLINE

De Souza, JC et al. (2019) Conspicuous roadside avifauna's seasonal variation in ecotone and wetland environments within the Pantanal's Aquidauana region. *Ornitología Neotropical* 30: 141–149.

Table S1. Taxonomic list of birds observed and abundances along each transect, MS170 and BR419, in the Aquidauana region of the Pantanal, Brazil, with conspicuous species used for data analysis and correlation coefficients of each species with NMS axis scores (coefficients of species with abundances > 50 and $r > 0.50$ in bold).

Family/Species	MS170	BR419	Conspicuous	Axis 1	Axis 2	Axis 3
Accipitridae	121	71				
Black-collared Hawk <i>Busarellus nigricollis</i>	3	1	Y	0.462	-0.438	0.149
Crowned Solitary Eagle <i>Buteogallus coronatus</i>	1		Y	0.329	0.240	-0.213
Great Black-Hawk <i>Buteogallus urubitinga</i>	3		Y	0.774	-0.243	0.066
Savanna Hawk <i>Heterospizias meridionalis</i>	63	50	Y	0.472	0.214	0.080
Snail Kite <i>Rostrhamus sociabilis</i>	41	9	Y	0.689	-0.200	0.144
Roadside Hawk <i>Rupornis magnirostris</i>	10	11	Y	0.253	0.119	-0.297
Alcedinidae	1	14				
Amazon Kingfisher <i>Chloroceryle amazona</i>		9	Y	-0.091	0.334	-0.392
Ringed Kingfisher <i>Megaceryle torquata</i>	1	5	Y	-0.580	0.025	0.208
Anatidae	212	59				
Brazilian Teal <i>Amazonetta brasiliensis</i>	50	32	Y	0.282	0.532	0.070
Muscovy Duck <i>Cairina moschata</i>	21	19	Y	0.137	-0.274	-0.200
Black-bellied Whistling-Duck <i>Dendrocygna autumnalis</i>	51	6	Y	0.559	-0.437	0.149
White-faced Whistling-Duck <i>Dendrocygna viduata</i>	90	2	Y	0.334	0.193	0.221
Anhimidae	7	7				
Southern Screamer <i>Chauna torquata</i>	7	7	Y	0.133	0.138	-0.247
Aramidae	8	2				
Limpkin <i>Aramus guarauna</i>	8	2	Y	0.456	-0.259	0.271
Ardeidae	355	52				
Great Egret <i>Ardea alba</i>	149	25	Y	0.540	0.052	-0.376
Cocoi Heron <i>Ardea cocoi</i>	14	4	Y	0.670	0.312	-0.447
Cattle Egret <i>Bubulcus ibis</i>	72	1	Y	0.347	0.163	0.253
Striated Heron <i>Butorides striata</i>	3	2	Y	0.404	0.028	-0.116
Little Blue Heron <i>Egretta caerulea</i>	1	1	Y	0.049	-0.558	-0.017
Snowy Egret <i>Egretta thula</i>	71	9	Y	0.728	0.181	-0.028
Capped Heron <i>Pilherodius pileatus</i>	1	2	Y	-0.201	0.155	-0.230
Whistling Heron <i>Syrigma sibilatrix</i>	32	4	Y	0.352	0.214	0.077
Rufescent Tiger-Heron <i>Tigrisoma lineatum</i>	12	3	Y	0.414	0.047	-0.177
Caprimulgidae	13	15				
Common-Pauraque <i>Nyctidromus albicollis</i>	13	15				
Cardinalidae	1					
Hepatic Tanager <i>Piranga flava</i>	1					

Cariamidae		55	41				
Red-legged Seriema	<i>Cariama cristata</i>	55	41	Y	0.807	0.147	0.163
Cathartidae		126	259				
Turkey Vulture	<i>Cathartes aura</i>	12	36	Y	-0.313	-0.378	0.438
Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	5	2	Y	0.343	0.154	0.266
Black Vulture	<i>Coragyps atratus</i>	109	220	Y	-0.125	0.692	-0.287
King Vulture	<i>Sarcoramphus papa</i>		1	Y	-0.402	0.255	-0.100
Charadriidae		235	126				
Southern Lapwing	<i>Vanellus chilensis</i>	235	126	Y	0.755	0.380	-0.136
Ciconiidae		40	11				
Maguari Stork	<i>Ciconia maguari</i>	3	2	Y	0.355	-0.112	0.210
Jabiru	<i>Jabiru mycteria</i>	33	4	Y	0.577	0.111	-0.085
Wood Stork	<i>Mycteria americana</i>	4	5	Y	-0.193	0.456	-0.546
Columbidae		437	426				
Blue Ground-Dove	<i>Claravis pretiosa</i>	18		Y	0.331	0.121	0.260
Picui Ground-Dove	<i>Columbina picui</i>	87	43	Y	-0.222	0.426	0.185
Scaled Dove	<i>Columbina squammata</i>	158	125	Y	-0.275	0.508	0.150
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	98	86	Y	0.115	0.314	0.483
Gray-fronted Dove	<i>Leptotila rufaxilla</i>	23	58	Y	-0.376	0.193	-0.262
Pale-vented pigeon	<i>Patagioenas cayennensis</i>	17	32	Y	0.104	0.001	0.474
Picazuro Pigeon	<i>Patagioenas picazuro</i>	5	28	Y	-0.404	0.285	0.082
Plumbeous Pigeon	<i>Patagioenas plumbea</i>	31	54				
Corvidae		32	57				
Plush-crested Jay	<i>Cyanocorax chrysops</i>	10	23				
Purplish Jay	<i>Cyanocorax cyanomelas</i>	22	34				
Cracidae		158	172				
Chaco Chachalaca	<i>Ortalis canicollis</i>	156	172	Y	-0.338	0.041	-0.782
Blue-throated Piping-guan	<i>Pipile cumanensis</i>	2					
Cuculidae		258	216				
Smooth-billed Ani	<i>Crotophaga ani</i>	125	113	Y	0.435	0.128	0.074
Greater Ani	<i>Crotophaga major</i>	1	11				
Guira Cuckoo	<i>Guira guira</i>	132	92	Y	0.643	0.236	0.032
Dendrocolaptidae		10	12				
Narrow-billed Woodcreeper	<i>Lepidocolaptes angustirostris</i>	9	12				
Great Rufous Woodcreeper	<i>Xiphocolaptes major</i>	1					
Emberizidae		59	29				
Saffron Finch	<i>Sicalis flaveola</i>	47	18	Y	0.455	-0.192	-0.012
Double-collared Seedeater	<i>Sporophila caerulea</i>		2	Y	-0.263	-0.457	0.538
Rusty-collared Seedeater	<i>Sporophila collaris</i>	1	1	Y	0.049	-0.558	-0.017
Great-billed Seed-Finch	<i>Sporophila maximiliani</i>	1		Y	0.509	-0.326	0.139
Plumbeous Seedeater	<i>Sporophila plumbea</i>		1	Y	-0.306	-0.578	0.272
Blue-black Grassquit	<i>Volatinia jacarina</i>	10	7	Y	0.148	-0.020	0.147
Falconidae		88	92				

Southern Caracara	<i>Caracara plancus</i>	71	68	Y	-0.179	0.454	-0.420
Bat Falcon	<i>Falco ruficularis</i>	1		Y	0.331	0.121	0.260
American Kestrel	<i>Falco sparverius</i>	11	20	Y	-0.095	0.409	-0.045
Laughing Falcon	<i>Herpetotheres cachinnans</i>	5	4	Y	0.463	-0.123	0.452
Furnariidae		167	212				
Rufous Hornero	<i>Furnarius rufus</i>	167	212	Y	0.210	0.603	-0.129
Hirundinidae		98	114				
Brown-Chested Martin	<i>Progne tapera</i>	73	113				
White-winged Swallow	<i>Tachycineta albiventer</i>	25	1				
Icteridae		353	559				
Bay-winged Cowbird	<i>Agelaioides badius</i>		1	Y	-0.091	0.334	-0.392
Unicolored Blackbird	<i>Agelasticus cyanopus</i>	4		Y	0.331	0.121	0.260
Chopi Blackbird	<i>Gnorimopsar chopi</i>	73	113	Y	-0.327	0.627	-0.541
Orange-backed Troupial	<i>Icterus croconotus</i>	1	5				
Variable Oriole	<i>Icterus pyrrhopterus</i>	2	4				
Shiny Cowbird	<i>Molothrus bonariensis</i>	110	218				
Giant Cowbird	<i>Molothrus oryzivorus</i>	50		Y	-0.278	-0.431	-0.567
Crested Oropendola	<i>Psarocolius decumanus</i>	3					
Yellow-rumped Marshbird	<i>Pseudoleistes guirahuro</i>	110	218	Y	-0.391	0.384	0.284
Jacanidae		117	23				
Wattled Jacana	<i>Jacana jacana</i>	117	23	Y	0.935	-0.149	-0.009
Mimidae		31	33				
Chalk-browed Mockingbird	<i>Mimus saturninus</i>	31	33	Y	0.278	0.215	0.389
Pandionidae		1	1				
Osprey	<i>Pandion haliaetus</i>	1	1	Y	0.310	0.006	-0.188
Passeridae		1					
House Sparrow	<i>Passer domesticus</i>	1		Y	0.329	0.240	-0.213
Phalacrocoracidae			8				
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>		8	Y	-0.149	0.372	-0.408
Picidae		31	30				
Campo Flicker	<i>Colaptes campestris</i>	16	17	Y	-0.025	0.443	-0.272
White Woodpecker	<i>Melanerpes candidus</i>	15	13				
Psittacidae		564	783				
Turquoise-fronted Amazon	<i>Amazona aestiva</i>	27	52				
Hyacinth Macaw	<i>Anodorhynchus hyacinthinus</i>	30	8	Y	0.365	-0.034	-0.633
Blue-and-yellow Macaw	<i>Ara ararauna</i>	4	5				
Red-and-green Macaw	<i>Ara chloropterus</i>		10				
Nanday Parakeet	<i>Aratinga nenday</i>	147	200	Y	-0.343	-0.446	0.102
Yellow-chevroned Parakeet	<i>Brotogeris chiriri</i>	132	34				
Peach-fronted Parakeet	<i>Eupsittula aurea</i>	211	421	Y	-0.304	0.343	0.549
Blue-winged Parrotlet	<i>Forpus xanthopterygius</i>		3	Y	-0.402	0.255	-0.100
Monk Parakeet	<i>Myiopsitta monachus</i>	8	9	Y	0.322	0.106	-0.406
Yellow-collared Macaw	<i>Primolius auricollis</i>	5	30				

White-eyed Parakeet	<i>Psittacara leucophthalma</i>		7					
Blaze-winged Parakeet	<i>Pyrrhura devillei</i>		4					
Rallidae			18	18				
Gray-necked Wood-Rail	<i>Aramides cajanea</i>		9	14	Y	-0.267	0.316	-0.103
Purple Gallinule	<i>Porphyrio martinica</i>		9	4	Y	0.412	-0.678	-0.129
Ramphastidae			39	24				
Toco Toucan	<i>Ramphastos toco</i>		39	24				
Rheidae			110	9				
Greater Rhea	<i>Rhea americana</i>		110	9	Y	0.890	-0.133	-0.074
Strigidae			5	12				
Burrowing Owl	<i>Athene cunicularia</i>		5	12	Y	-0.145	0.288	0.335
Thamnophilidae			4	2				
Barred Antshrike	<i>Thamnophilus doliatus</i>		4	2	Y	0.118	0.361	0.437
Thraupidae			36	63				
Yellow-billed Cardinal	<i>Paroaria capitata</i>		11	10	Y	-0.148	0.213	0.104
Red-crested Cardinal	<i>Paroaria coronata</i>		2	4	Y	-0.047	-0.688	0.317
Green-winged Saltator	<i>Saltator similis</i>		11	15				
Sayaca Tanager	<i>Tangara sayaca</i>		12	32				
Threskiornithidae			325	83				
Green Ibis	<i>Mesembrinibis cayennensis</i>		13	3	Y	0.448	0.033	0.081
Bare-faced Ibis	<i>Phimosus infuscatus</i>		186	14	Y	0.696	-0.211	-0.216
Roseate Spoonbill	<i>Platalea ajaja</i>		2	2	Y	-0.074	0.547	-0.174
Plumbeous Ibis	<i>Theristicus caerulescens</i>		60	16	Y	0.747	0.342	-0.135
Buff-necked Ibis	<i>Theristicus caudatus</i>		64	48	Y	0.472	-0.232	0.046
Tinamidae			2	1				
Small-billed Tinamou	<i>Crypturellus parvirostris</i>		1	1	Y	0.019	-0.339	0.395
Spotted Nothura	<i>Nothura maculosa</i>		1		Y	0.509	-0.326	0.139
Trochilidae			1	4				
Swallow-tailed Hummingbird	<i>Eupetomena macroura</i>		1	4				
Turdidae				1				
Creamy-bellied Thrush	<i>Turdus amaurochalinus</i>			1	Y	-0.402	0.255	-0.100
Tyrannidae			177	231				
Long-tailed Tyrant	<i>Colonia colonus</i>		2	6	Y	0.101	-0.013	0.457
Black-backed Water-Tyrant	<i>Fluvicola albiventer</i>		42	41	Y	-0.152	0.731	0.157
Cattle Tyrant	<i>Machetornis rixosa</i>		55	96	Y	-0.122	0.475	-0.108
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>		7					
Lesser Kiskadee	<i>Philohydor lictor</i>			1	Y	-0.091	0.334	-0.039
Great Kiskadee	<i>Pitangus sulphuratus</i>		49	55	Y	0.150	0.341	-0.242
Tropical Kingbird	<i>Tyrannus melancholicus</i>		8		Y	0.509	-0.326	0.139
Fork-tailed Flycatcher	<i>Tyrannus savana</i>		7	1	Y	0.503	-0.332	0.204
Eastern Kingbird	<i>Tyrannus tyrannus</i>			1	Y	-0.306	-0.578	0.272
White-rumped Monjita	<i>Xolmis velatus</i>		7	30	Y	-0.014	0.147	0.314
Totals			4296	3869				

