

Ecography

ECOG-03058

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Supplementary material

589 Appendix 1, Table A1. Sampling localities with prevalence of *Haemoproteus/Parahaemoproteus*, *Plasmodium*, and total
 590 haemosporidian infections in avian hosts from Amazonia

Community (n)	Sampling Location (n) ^a	Coordinates	Avian species		Lineage richness	Prevalence (%)		
			Sampled	Infected		Hae ^b	Pla ^c	Total
Bell (323)	Gurupi (323)	03°42'S, 46°45'W	162	42	41	11 (3.4)	48 (14.9)	58 (18.0) ^d
Gui1 (178)	Negro River 01 (178)	0°24' S, 64°48'W	53	10	12	1 (0.6)	12 (6.7)	13 (7.3)
Gui2 (175)	Porto Trombetas (175)	01°21'S, 56°22'W	51	12	10	2 (1.1)	23 (13.1)	25 (14.3)
Ime1 (164)	Negro River 02 (164)	0°35' S, 64°55'W	51	17	20	2 (1.2)	22 (13.4)	24 (14.6)
Ina1 (211)	Purus River 01 (211)	04°59'S, 62°08'W	40	16	18	3 (1.4)	22 (10.4)	25 (11.8)
Ina2 (208)	Purus River 02 (208)	05°43'S, 63°12'W	53	17	24	1 (0.5)	35 (16.8)	36 (17.3)
Ina3 (298)	Madeira River 01 (7)	08°48'S, 64°05'W	5	1	1	0 (0)	1 (14.3)	1 (14.3)
	Madeira River 03 (39)	09°06'S, 64°28'W	20	4	5	0 (0)	5 (12.8)	5 (12.8)
	Madeira River 04 (75)	09°08'S, 64°30'W	36	5	4	0 (0)	5 (6.7)	5 (6.7)
	Madeira River 05 (26)	09°08'S, 64°37'W	15	4	4	0 (0)	4 (15.4)	4 (15.4)
	Madeira River 06 (42)	09°09'S, 64°38'W	18	1	1	1 (2.4)	0 (0)	1 (2.4)
	Madeira River 07 (99)	09°16'S, 64°45'W	43	12	14	0 (0)	15 (15.1)	15 (15.1)

	Madeira River 08 (10)	09°19'S, 64°43'W	9	0	0	0 (0)	0 (0)	0 (0)
Rond1 (430)	Tapajós River A (151)	04°30'S, 56°17'W	48	20	33	11 (7.3)	42 (27.8)	47 (31.1) ^e
	Tapajós River B (137)	04°42'S, 56°26'W	47	13	18	5 (3.6)	17 (12.4)	22 (16.1)
	Tapajós River D (142)	04°41'S, 56°38'W	52	18	24	5 (3.5)	31 (21.8)	35 (24.6) ^d
Rond2 (60)	Tapajós River H (60)	05°04'S, 56°51'W	35	15	13	5 (8.3)	10 (16.7)	15 (25.0)
Rond3 (176)	Madeira River 02 (7)	09°02'S, 64°14'W	4	1	1	0 (0)	1 (14.3)	1 (14.3)
	Madeira River 09 (102)	09°19'S, 64°42'W	35	8	9	0 (0)	11 (10.8)	11 (10.8)
	Madeira River 10 (67)	09°27'S, 64°21'W	33	3	4	0 (0)	4 (6.0)	6 (6.0)
Rond4 (117)	Chupinguaia (117)	12°13'S, 60°44'W	40	6	7	0 (0)	17 (14.5)	17 (14.5)
Rond5 (136)	Comodoro (136)	13°48'S, 59°41'W	42	17	18	6 (4.4)	31 (22.8)	37 (27.2)
RondIL (85)	Tapajós River IL (85)	04°30'S, 56°16'W	18	10	16	6 (7.1)	16 (17.7)	21 (24.7) ^d
Tap1 (39)	Jamanxim River J (39)	05°06'S, 56°26'W	22	10	10	1 (2.6)	12 (30.8)	13 (33.3)
Tap2 (61)	Tapajós River I (61)	05°13'S, 56°55'W	36	16	14	5 (8.2)	13 (21.3)	18 (29.5)

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592 ^a Sampling locations can be found in Fig. 1; ^b *Haemoproteus/Parahaemoproteus*; ^c *Plasmodium*. Number of

593 *Haemoproteus/Plasmodium* coinfections: ^d 1, ^e 6.

594 Appendix 1, Table A2. Geographic distribution of *Haemoproteus* (H), *Plasmodium* (P), and total haemosporidian infections in
 595 Amazonian birds

Area of endemism	Samples	H (%)	P (%)	Total (%)
Belém	323	11 (3.4)	48 (14.9)	58 (18.0) ^a
Guiana	353	3 (0.9)	39 (11.1)	42 (11.9)
Imerí	164	2 (1.2)	22 (13.4)	24 (14.6)
Inambari	717	5 (0.7)	90 (12.6)	95 (13.2)
Rondônia	1004	38 (3.8)	183 (18.2)	213 (21.2) ^b
Tapajós	100	6 (6.0)	25 (25.0)	31 (31.0)
	2661	65 (2.4)	407 (15.3)	463 (17.4) ^c

596 Number of *Haemoproteus/Plasmodium* coinfections: ^a 1, ^b 8, ^c 9

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604 Appendix 1, Table A3. Haemosporidian parasitism in 2661 avian blood samples collected from Amazonia. Some of the totals include
 605 coinfections

	<i>Haemoproteus</i>	<i>Plasmodium</i>	Total
Individuals infected	65	407	463
Infection prevalence	2.4%	15.3%	17.4%
Novel cytochrome <i>b</i> lineages	45 (88.2%)	195 (91.1%)	240 (91.4%)
Described lineages (MalAvi)	6 (11.8%)	19 (8.9%)	25 (9.4%)
Total lineages identified	51 (19.2%)	214 (80.8%)	265

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615 Appendix 1, Table A4. Haemosporidian infection distribution in Amazonia, including single *Haemoproteus* lineage infection (H),
616 single *Plasmodium* lineage infection (P), or coinfections by two different haemosporidian lineages

	H	H*H	H*P	P	P*P	Total
Individuals infected	46	10	9	361	37	463
Infection prevalence	1.7%	0.3%	0.3%	13.6%	1.4%	17.4%

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628 Appendix 1, Table A5. Host taxonomic distribution of *Haemoproteus* (H) and *Plasmodium* (P)

Order	Family	Species	Samples	H (%)	P (%)	Total (%)
Accipitriformes	Accipitridae	3	4	0 (0)	0 (0)	0 (0)
Anseriformes	Anhimidae	1	1	0 (0)	0 (0)	0 (0)
Apodiformes	Apodidae	1	1	0 (0)	0 (0)	0 (0)
	Trochilidae	16	60	1 (1.7)	2 (3.3)	3 (5.0)
Caprimulgiformes	Caprimulgidae	3	5	0 (0)	0 (0)	0 (0)
	Nyctibiidae	2	3	0 (0)	0 (0)	0 (0)
Ciconiiformes	Jacanidae	1	2	0 (0)	0 (0)	0 (0)
Columbiformes	Columbidae	7	36	9 (25.0)	2 (5.5)	10 (27.8) ^a
Coraciiformes	Cerylidae	3	10	1 (10.0)	1 (10.0)	2 (20.0)
	Momotidae	2	3	0 (0)	0 (0)	0 (0)
Cuculiformes	Cuculidae	3	4	0 (0)	1 (25.0)	1 (25.0)
Falconiformes	Falconidae	4	8	1 (12.5)	2 (25.0)	3 (37.5)
Galliformes	Cracidae	1	2	0 (0)	0 (0)	0 (0)
Gruiformes	Psophiidae	1	3	0 (0)	2 (66.7)	2 (66.7)
	Rallidae	2	2	0 (0)	0 (0)	0 (0)

Passeriformes	Cardinalidae	5	27	1 (3.7)	2 (7.4)	3 (11.1)
	Conopophagidae	2	14	0 (0)	1 (7.1)	1 (7.1)
	Cotingidae	3	7	0 (0)	0 (0)	0 (0)
	Dendrocolaptidae	25	415	8 (1.9)	27 (6.5)	33 (8.0) ^b
	Donacobiidae	1	1	0 (0)	0 (0)	0 (0)
	Emberizidae	6	34	0 (0)	6 (17.6)	6 (17.6)
	Formicariidae	2	29	0 (0)	14 (48.3)	14 (48.3)
	Fringillidae	1	3	0 (0)	0 (0)	0 (0)
	Furnariidae	19	119	4 (3.4)	11 (9.2)	15 (12.6)
	Hirundinidae	1	2	0 (0)	0 (0)	0 (0)
	Icteridae	1	2	1 (50.0)	1 (50.0)	2 (100.0)
	Parulidae	2	2	0 (0)	0 (0)	0 (0)
	Pipridae	19	345	2 (0.6)	59 (17.1)	61 (17.7)
	Polioptilidae	3	6	0 (0)	2 (33.3)	2 (33.3)
	Scleruridae	2	9	0 (0)	0 (0)	0 (0)
	Thamnophilidae	65	935	19 (2.0)	207 (22.1)	221 (23.6) ^c

	Thraupidae	17	56	6 (10.7)	12 (21.4)	17 (30.4) ^a
	Tityridae	8	71	1 (1.4)	3 (4.2)	4 (5.6)
	Troglodytidae	7	40	2 (5.0)	7 (17.5)	9 (22.5)
	Turdidae	5	56	0 (0)	11 (19.6)	11 (19.6)
	Tyrannidae	53	223	5 (2.2)	17 (7.6)	20 (9.9)
	Vireonidae	4	16	0 (0)	1 (6.3)	1 (6.3)
Piciformes	Bucconidae	7	29	1 (3.4)	2 (6.9)	3 (10.3)
	Galbulidae	5	30	2 (6.7)	9 (30.0)	11 (36.7)
	Picidae	9	19	1 (5.3)	1 (5.3)	2 (10.5)
	Ramphastidae	5	7	0 (0)	1 (14.3)	1 (14.3)
Psittaciformes	Psittacidae	4	7	0 (0)	3 (42.9)	3 (42.9)
Strigiformes	Strigidae	5	6	0 (0)	0 (0)	0 (0)
Tinamiformes	Tinamidae	1	1	0 (0)	0 (0)	0 (0)
Trogoniformes	Trogonidae	4	6	0 (0)	0 (0)	0 (0)

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630 Number of *Haemoproteus/Plasmodium* coinfections: ^a 1, ^b 2, ^c 5

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632 Appendix 1, Table A6. Avian species sampled across areas of endemism

Avian taxa	Belém	Guiana	Imeri	Inambari	Rondônia	Tapajós	Total per species
<i>Accipiter superciliosus</i>	1						2
<i>Amazilia versicolor</i>	3						3
<i>Anhima cornuta</i>	1						1
<i>Antrostomus sericocaudatus</i>	1						1
<i>Aramides cajanea</i>	1						1
<i>Aratinga jandaya</i>	2						2
<i>Aratinga pertinax</i>			1				1
<i>Arremon taciturnus</i>	2				7	1	10
<i>Attila cinnamoneus</i>	2						2
<i>Attila spadiceus</i>	1	3		3	2	3	12
<i>Autolomus subulatus</i>			3	4	1		8
<i>Automolus infuscatus</i>		2	10	9			21
<i>Automolus ochrolaemus</i>				1	10	2	13

<i>Automolus paraensis</i>	1			3	4
<i>Automolus rubiginosus</i>		1			1
<i>Automolus rufipileatus</i>	2		1	2	5
<i>Avocettula recurvirostris</i>	1				1
<i>Baryphthengus martii</i>			1		1
<i>Basileuterus culicivorus</i>			1		1
<i>Brachygalba lugubris</i>	4				4
<i>Bucco capensis</i>		1	1	1	3
<i>Bucco tamatia</i>			1		1
<i>Calliphlox amethystina</i>	1				1
<i>Campephilus rubicollis</i>	2	1			3
<i>Camptostoma obsoletum</i>	2				2
<i>Campylopterus largipennis</i>	1			1	2
<i>Campylorhamphus procurvoides</i>				3	3
<i>Campylorhynchus turdinus</i>	1				1
<i>Cantorchilus leucotis</i>			1	11	12

<i>Caryothraustes canadensis</i>	1					1	
<i>Casiornis rufus</i>				1		1	
<i>Celeus elegans</i>				5		5	
<i>Celeus grammicus</i>		1				1	
<i>Celeus undatus</i>	1					1	
<i>Ceratopipra chloromeros</i>				1		1	
<i>Ceratopipra erythrocephala</i>		7	3			10	
<i>Ceratopipra rubrocapilla</i>	1		27	39		67	
<i>Cercomacra cinerascens</i>	1		4			5	
<i>Cercomacra nigrescens</i>				2		2	
<i>Cercomacra serva</i>			2			2	
<i>Certhiasomus stictolaemus</i>			1	17	5	23	
<i>Chiroxiphia pareola</i>			1	1	3	1	6
<i>Chloroceryle aenea</i>			1	5	1	7	
<i>Chloroceryle americana</i>	1					1	
<i>Chloroceryle inda</i>		2				2	

<i>Ciccaba hulula</i>	1				1
<i>Ciccaba virgata</i>			1		1
<i>Claravis pretiosa</i>				3	3
<i>Cnemotriccus fuscatus</i>				20	20
<i>Cnipodectes subbrunneus</i>		1	3		4
<i>Coereba flaveola</i>	3				3
<i>Columbina passerina</i>	5				5
<i>Columbina talpacoti</i>	3				3
<i>Conopophaga aurita</i>		4	4		12
<i>Conopophaga roberti</i>	2				2
<i>Coryphospingus cucullatus</i>				1	1
<i>Corythopsis torquatus</i>		1	2	3	6
<i>Cranioleuca vulpina</i>				2	2
<i>Crotophaga ani</i>	2				2
<i>Crypturellus soui</i>	1				1
<i>Cyanerpes cyaneus</i>				1	1

<i>Cyanocompsa cyanoides</i>	2		3	7	1	13	
<i>Cymbilaimus lineatus</i>		1				1	
<i>Cyphorhinus arada</i>			3	2		5	
<i>Deconychura longicauda</i>	2	1	2	11		16	
<i>Dendrexetastes rufigula</i>	1					1	
<i>Dendrocincla fuliginosa</i>	4	8	4	9	12	1	38
<i>Dendrocincla merula</i>		12	3	36	20	1	72
<i>Dendrocolaptes certhia</i>		3		4	2	1	10
<i>Dendrocolaptes medius</i>	1						1
<i>Dendrocolaptes picumnus</i>		3					3
<i>Dendroplex kienerii</i>		1					1
<i>Dendroplex picus</i>	1				4		5
<i>Dichrozona cincta</i>			1	4	4	1	10
<i>Dixiphia pipra</i>	4	16				2	22
<i>Donacobius atricapilla</i>	1						1
<i>Dysithamnus mentalis</i>	3						3

<i>Elaenia chilensis</i>				3		3
<i>Elaenia cristata</i>		1				1
<i>Elaenia flavogaster</i>	1					1
<i>Elaenia parvirostris</i>				10		10
<i>Elaenia ruficeps</i>		1				1
<i>Epinecrophylla haematonota</i>		8	3	33	2	46
<i>Epinecrophylla leucophthalma</i>				1	10	6
<i>Euphonia plumbea</i>			3			3
<i>Florisuga mellivora</i>	1					1
<i>Fluvicola nengeta</i>	3					3
<i>Formicarius analis</i>					1	1
<i>Formicarius colma</i>	1	9		10	8	28
<i>Formicivora grisea</i>	2					2
<i>Frederickena viridis</i>		1				1
<i>Galbula albirostris</i>		5				5
<i>Galbula cyanicollis</i>	2			4	9	15

<i>Galbula ruficauda</i>	3						3
<i>Geotrygon montana</i>		2	1	10	3	2	18
<i>Geotrygon violacea</i>					1		1
<i>Glaucis hirsutus</i>	3				4		7
<i>Glyphorhynchus spirurus</i>	4	32	5	21	40	2	104
<i>Granatellus pelzeni</i>	1						1
<i>Griseotyrannus aurantioatrocristatus</i>					1		1
<i>Gymnopithys leucaspis</i>			7				7
<i>Gymnopithys rufigula</i>		7					7
<i>Gymnopithys salvini</i>				47			47
<i>Habia rubica</i>				8	3		11
<i>Heliomaster longirostris</i>	1						1
<i>Hemitriccus flammulatus</i>					2		2
<i>Hemitriccus inornatus</i>		1					1
<i>Hemitriccus margaritaceiventer</i>					1		1
<i>Hemitriccus minor</i>			1	2	4		7

<i>Hemitriccus striaticollis</i>	2					2
<i>Hemitriccus zosterops</i>			1			1
<i>Heterocercus linteatus</i>					13	13
<i>Hylexetastes perrotii</i>		2				2
<i>Hylexetastes uniformis</i>					1	1
<i>Hylocharis cyanus</i>	6				2	8
<i>Hylophilus brunneiceps</i>			1			1
<i>Hylophilus ochraceiceps</i>	1	5	1		3	3
<i>Hylophilus semicinereus</i>					1	1
<i>Hylophilus sp.</i>				1		1
<i>Hylophylax naevius</i>			6	1	4	2
<i>Hylophylax punctulatus</i>					5	5
<i>Hypocnemis cantator</i>		3			3	6
<i>Hypocnemis flavescens</i>		7				7
<i>Hypocnemis hypoxanta</i>			2			2
<i>Hypocnemis ochrogyna</i>					3	3

<i>Hypocnemis peruviana</i>			5			5
<i>Hypocnemis striata</i>				29	3	32
<i>Hypocnemoides maculicauda</i>				10		10
<i>Isleria guttata</i>		6				6
<i>Isleria hauxwelli</i>	4		13	18		35
<i>Jacamerops aureus</i>		2		1		3
<i>Jacana jacana</i>	2					2
<i>Knipolegus poecilocercus</i>				6		6
<i>Lanio fulvus</i>		1				1
<i>Lanio versicolor</i>			1			1
<i>Laniocera hypopyrra</i>	2	1	1			4
<i>Laterallus viridis</i>	1					1
<i>Lathrotriccus euleri</i>				1		1
<i>Lepidocolaptes layardi</i>	1					1
<i>Lepidothrix coronata</i>		11	10	70		91
<i>Lepidothrix iris</i>					1	1

<i>Lepidothrix nattereri</i>			71		71
<i>Lepidothrix vilasboasi</i>				3	3
<i>Leptopogon amaurocephalus</i>		1	1	1	3
<i>Leptotila rufaxilla</i>			5		5
<i>Leucopternis kuhli</i>		1			1
<i>Leucopternis melanops</i>			1		1
<i>Lipaugus vociferans</i>		2	2		4
<i>Lophotriccus galeatus</i>	3				3
<i>Machaeropterus pyrocephalus</i>		1	9		10
<i>Malacoptila fusca</i>		1			1
<i>Malacoptila rufa</i>		3	10		13
<i>Manacus manacus</i>	3		5		8
<i>Megascops usta</i>	1	1			2
<i>Megascops watsonii</i>	1				1
<i>Megastictus margaritatus</i>		5	5		10
<i>Melanerpes cruentatus</i>			1		1

<i>Micrastur gilvicollis</i>		2		1		3	
<i>Micrastur mintoni</i>	1					1	
<i>Micrastur ruficollis</i>	1			1	1	3	
<i>Micrastur semitorquatus</i>					1	1	
<i>Microbates collaris</i>			4			4	
<i>Microcerculus marginatus</i>				6	3	1	10
<i>Microrhophias quixensis</i>					2		2
<i>Mionectes macconnelli</i>	2	9		3	2	2	18
<i>Mionectes oleagineus</i>	2	1	1	3	18		25
<i>Momotus momota</i>	1	1					2
<i>Monasa morphoeus</i>	5						5
<i>Monasa nigrifrons</i>					3		3
<i>Myiarchus ferox</i>	3				1		4
<i>Myiarchus sp.</i>					1		1
<i>Myiarchus swainsoni</i>				1			1
<i>Myiobius atricaudus</i>	1						1

<i>Myiobius barbatus</i>	1	2	3	3	2	11	
<i>Myiopagis caniceps</i>	3	1				4	
<i>Myiopagis gaimardii</i>	1	1				2	
<i>Myiopagis viridicata</i>				2		2	
<i>Myiophobus fasciatus</i>	2					2	
<i>Myiornis sp.</i>	2					2	
<i>Myiothlypis flaveola</i>				1		1	
<i>Myiozetetes cayanensis</i>	2					2	
<i>Myiozetetes similis</i>	1					1	
<i>Myrmeciza ferruginea</i>				1		1	
<i>Myrmeciza fortis</i>			12			12	
<i>Myrmeciza hemimelaena</i>			4	3		7	
<i>Myrmoborus leucophrys</i>			1			1	
<i>Myrmoborus myotherinus</i>			3	24	25	4	56
<i>Myrmornis torquata</i>	2	2			3	2	9
<i>Myrmotherula axillaris</i>	6	2	34	24	3	69	

<i>Myrmotherula hauxwelli</i>	1				2		3
<i>Myrmotherula iheringi</i>					1		1
<i>Myrmotherula longipennis</i>	5	9	3	8	16	4	45
<i>Myrmotherula menetriesii</i>	2	2				1	5
<i>Myrmotherula multostriata</i>	2						2
<i>Neopelma pallescens</i>					3		3
<i>Notharchus tectus</i>	3						3
<i>Nyctibius aethereus</i>	2						2
<i>Nyctibius bracteatus</i>		1					1
<i>Nyctidromus albicollis</i>	2						2
<i>Nyctiprogne leucopyga</i>		2					2
<i>Onychorhynchus coronatus</i>	1	1		3	10	1	16
<i>Ornithion inerme</i>	1						1
<i>Pachyramphus minor</i>	2						2
<i>Pachyramphus rufus</i>	4						4
<i>Patagioenas plumbea</i>	1						1

<i>Penelope superciliaris</i>	2				2
<i>Percnostola minor</i>		4			4
<i>Percnostola rufifrons</i>		1			1
<i>Phaethornis bourcieri</i>		2	3		5
<i>Phaethornis malaris</i>				4	4
<i>Phaethornis ruber</i>	1		1	1	3
<i>Phaethornis sp.</i>				1	1
<i>Phaethornis superciliosus</i>	6	1			7
<i>Pheucticus aureoventris</i>				1	1
<i>Pheugopedius coraya</i>		1			1
<i>Pheugopedius genibarbis</i>	3		2	3	8
<i>Philydor erythrocerum</i>	1	4	4	2	11
<i>Philydor erythropterum</i>	1				1
<i>Philydor pyrrhodes</i>				6	6
<i>Philydor ruficaudatum</i>	1				1
<i>Phlegopsis erythroptera</i>		2	2	6	10

<i>Phlegopsis nigromaculata</i>	3		4	28	7	42	
<i>Phoenicircus carnifex</i>	2					2	
<i>Phylloscartes virescens</i>	3					3	
<i>Piaya cayana</i>	2					2	
<i>Piculus flavigula</i>	3					3	
<i>Picumnus pygmaeus</i>	3					3	
<i>Pionites leucogaster</i>	1					1	
<i>Pipra fasciicauda</i>			13	10		23	
<i>Piprites chloris</i>	5			2		7	
<i>Pitangus sulphuratus</i>	1					1	
<i>Pithys albifrons</i>		13	11			24	
<i>Platyrinchus platyrhynchos</i>		1	2	1	5	2	11
<i>Platyrinchus saturatus</i>	1	2			2		5
<i>Poecilotriccus fumifrons</i>	3						3
<i>Poecilotriccus sylvia</i>	1						1
<i>Polioptila paraensis</i>	1						1

<i>Polytmus theresiae</i>	3				3
<i>Psarocolius bifasciatus</i>	2				2
<i>Psophia ochroptera</i>		3			3
<i>Pteroglossus aracari</i>	2				2
<i>Pteroglossus viridis</i>		2			2
<i>Pulsatrix perspicillata</i>	1				1
<i>Pygoptila stellaris</i>			1		1
<i>Pyriglena leuconota</i>	5				5
<i>Pyrrhura lepida</i>	3				3
<i>Ramphastos tucanus</i>		1			1
<i>Ramphastos vitellinus</i>				1	1
<i>Ramphocaenus melanurus</i>				1	1
<i>Ramphocelus carbo</i>	4		4	11	19
<i>Ramphotrigon ruficauda</i>	3	1	3	5	12
<i>Rhegmatorhina berlepschi</i>				12	12
<i>Rhegmatorhina gymnops</i>					4

<i>Rhegmatorhina hoffmannsi</i>					11		11
<i>Rhegmatorhina melanosticta</i>				29			29
<i>Rhynchocyclus olivaceus</i>	1	1			2		4
<i>Rhytipterna immunda</i>			1				1
<i>Rhytipterna simplex</i>	2			1	4	3	10
<i>Saltator coerulescens</i>					5		5
<i>Saltator grossus</i>	1				2		3
<i>Saltator maximus</i>	1				2		3
<i>Schiffornis amazona</i>				1			1
<i>Schiffornis turdina</i>		3	3	13	13		32
<i>Schistocichla humaythae</i>				1			1
<i>Schistocichla leucostigma</i>					2		2
<i>Sclateria naevia</i>	2						2
<i>Sclerurus caudacutus</i>	1	1	1		1	1	5
<i>Sclerurus mexicanus</i>	1				3	1	5
<i>Sclerurus rufigularis</i>	3	8		3			14

<i>Selenidera gouldii</i>	1				1	
<i>Sittasomus griseicapillus</i>			2	2	4	
<i>Sporophila americana</i>	2				2	
<i>Sporophila angolensis</i>	4		7	5	16	
<i>Sporophila minuta</i>	1				1	
<i>Sporophila nigricollis</i>			3		3	
<i>Stelgidopteryx ruficollis</i>	1			1	2	
<i>Synallaxis gujanensis</i>	3				3	
<i>Synallaxis rutilans</i>	3	2	16	3	24	
<i>Synallaxis scutata</i>				1	1	
<i>Tachornis squamata</i>		1			1	
<i>Tachyphonus cristatus</i>	2	1		2	5	
<i>Tachyphonus luctuosus</i>	1				1	
<i>Tachyphonus phoenicius</i>				2	2	
<i>Tachyphonus rufus</i>	2				2	
<i>Tachyphonus surinamus</i>	1	1		2	1	5

<i>Taeniotriccus andrei</i>	3						3
<i>Tapera naevia</i>	1						1
<i>Taraba major</i>	1						1
<i>Terenotriccus erythrurus</i>	1	2		3	3		9
<i>Thalurania furcata</i>	2	1	1			8	12
<i>Thamnomanes ardesiacus</i>		8		3			11
<i>Thamnomanes caesius</i>	3	10	9	15	12	1	50
<i>Thamnomanes saturninus</i>					30		30
<i>Thamnophilus aethiops</i>	5	10	8	11	13	1	48
<i>Thamnophilus amazonicus</i>	1				1		2
<i>Thamnophilus doliatus</i>	1			1			2
<i>Thamnophilus murinus</i>		11	1	1			13
<i>Thamnophilus nigrocinereus</i>					11		11
<i>Thamnophilus palliatus</i>	1						1
<i>Thamnophilus schistaceus</i>					5	3	8
<i>Thamnophilus stictocephalus</i>					6		6

<i>Thraupis episcopus</i>	1					1
<i>Threnetes leucurus</i>					1	1
<i>Tolmomyias flaviventris</i>	1				1	2
<i>Tolmomyias sulphurescens</i>					2	2
<i>Troglodytes musculus</i>	1		3			4
<i>Trogon collaris</i>					1	1
<i>Trogon rufus</i>	1	1				2
<i>Trogon rufus chryochlorus</i>		1				1
<i>Trogon viridis</i>	2					2
<i>Turdus albicollis</i>		3	2	10	6	21
<i>Turdus amaurochalinus</i>					25	25
<i>Turdus fumigatus</i>	1				7	8
<i>Turdus hauxwelli</i>					1	1
<i>Tyranneutes stolzmanni</i>	1				1	2
<i>Tyrannus melancholicus</i>	1					1
<i>Veniliornis affinis</i>					1	1

<i>Veniliornis passerinus</i>	1						1
<i>Volatinia jacarina</i>	1			1			2
<i>Willisornis poecilinotus</i>	7	11	17	34	34	5	108
<i>Xenopipo atronitens</i>		1			6		7
<i>Xenops minutus</i>	3	4	3	8	12	2	32
<i>Xenops sp.</i>		1					1
<i>Xipholena lamellipennis</i>	1						1
<i>Xiphorhynchus elegans</i>				20	27		47
<i>Xiphorhynchus guttatus</i>	2	1		3	3		9
<i>Xiphorhynchus obsoletus</i>				1	4		5
<i>Xiphorhynchus ocellatus</i>			5	3	1		9
<i>Xiphorhynchus pardalotus</i>		26					26
<i>Xiphorhynchus spixii</i>	1						1
Total per area of endemism	323	353	164	717	1004	100	2661
