

APPENDIX. Birds recorded in the Monte Alegre region, Pará, Brazil. Evidence: s1 = specimen housed in MPEG; s2 = specimen housed in UFPE; s3 = specimen housed in MZUSP; s4 = specimen housed in MNRJ; s5 = specimen housed in AMNH; s6 = specimen housed in FMNH; p = photograph; t = tape-recording; when not documented records are presented as: o = observation (sight record) or v = record of vocalization (with or without observation). Habitat: C = 'campinarana'; F = flooded forest; L = open waterbodies (lakes and rivers); M = man-made, disturbed areas (pastures, agricultural fields, ranches and urban areas); S = savanna; T = 'terra firme' forest; V = 'campo de várzea'.

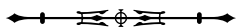
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
Tinamiformes					
Tinamidae	Tinamous				
<i>Crypturellus cinereus</i> (Gmelin, 1789)	Cinereous Tinamou	s1	C, F, T	X	
<i>Crypturellus soui</i> (Hermann, 1783)	Little Tinamou	s1	C, T	X	X
<i>Crypturellus undulatus</i> (Temminck, 1815)	Undulated Tinamou	o, v	C, F, T, V		X
<i>Crypturellus erythropus</i> (Pelzeln, 1863)	Red-legged Tinamou	s1	C, T	X	
Anseriformes					
Anhimidae	Screamers				
<i>Anhima cornuta</i> (Linnaeus, 1766)	Horned Screamer	o	L		X
Anatidae	Ducks				
<i>Dendrocygna autumnalis</i> (Linnaeus, 1758)	Black-bellied Whistling-Duck	o	L		X
<i>Cairina moschata</i> (Linnaeus, 1758)	Muscovy Duck	o	L		X
<i>Amazonetta brasiliensis</i> (Gmelin, 1789)	Brazilian Teal	p	L		X
Galliformes					
Cracidae	Guans and Curassows				
<i>Ortalis motmot</i> (Linnaeus, 1766)	Little Chachalaca	s1	C, F, S, T	X	X
<i>Aburria cumanensis</i> (Jacquin, 1784)	Blue-throated Piping Guan	s1	F, T	X	
Odontophoridae	New World Quails				
<i>Colinus cristatus</i> (Linnaeus, 1766)	Crested Bobwhite	s1	S	X	
Podicipediformes					
Podicipedidae	Grebes				
<i>Tachybaptus dominicus</i> (Linnaeus, 1766)	Least Grebe	s1	L	X	
Pelecaniformes					
Phalacrocoracidae	Cormorants				
<i>Phalacrocorax brasilianus</i> (Gmelin, 1789)	Neotropic Cormorant	o	L		X
Ciconiiformes					
Ardeidae	Hérons				
<i>Tigrisoma lineatum</i> (Boddaert, 1783)	Rufescent Tiger-Heron	s1	L	X	X
<i>Agamia agami</i> (Gmelin, 1789)	Agami Heron	s1	L	X	
<i>Ixobrychus exilis</i> (Gmelin, 1789)	Least Bittern	s1	L	X	
<i>Nycticorax nycticorax</i> (Linnaeus, 1758)	Black-crowned Night-Heron	o	L		X
<i>Butorides striata</i> (Linnaeus, 1758)	Striated Heron	s1	L	X	X



(Continued)

Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Bubulcus ibis</i> (Linnaeus, 1758)	Cattle Egret	o	L, M		X
<i>Ardea cocoi</i> Linnaeus, 1766	Cocoi Heron	o	L		X
<i>Ardea alba</i> Linnaeus, 1758	Great Egret	o	L		X
<i>Pilherodius pileatus</i> (Boddaert, 1783)	Capped Heron	s1	L	X	
<i>Egretta thula</i> (Molina, 1782)	Snowy Egret	o	L		X
Threskiornithidae	Ibises and Spoonbills				
<i>Mesembrinibis cayennensis</i> (Gmelin, 1789)	Green Ibis	o	F, L		X
<i>Theristicus caudatus</i> (Boddaert, 1783)	Buff-necked Ibis	o, v	S, V		X
Cathartiformes					
Cathartidae	Vultures				
<i>Cathartes aura</i> (Linnaeus, 1758)	Turkey Vulture	o	C, F, L, M, S, T, V		X
<i>Cathartes burrovianus</i> Cassin, 1845	Lesser Yellow-headed Vulture	o	S, V		X
<i>Coragyps atratus</i> (Bechstein, 1793)	Black Vulture	o	C, F, L, M, S, T, V		X
Falconiformes					
Accipitridae	Hawks and Eagles				
<i>Gampsonyx swainsonii</i> Vigors, 1825	Pearl Kite	s1, s2	S	X	X
<i>Rostrhamus sociabilis</i> (Vieillot, 1817)	Snail Kite	o	L		X
<i>Buteogallus urubitinga</i> (Gmelin, 1788)	Great Black-Hawk	o	F, S, T, V		X
<i>Busarellus nigricollis</i> (Latham, 1790)	Black-collared Hawk	o	F, L, V		X
<i>Rupornis magnirostris</i> (Gmelin, 1788)	Roadside Hawk	s1	C, F, L, M, S, T, V	X	X
<i>Buteo albicaudatus</i> Vieillot, 1816	White-tailed Hawk	p	S		X
<i>Buteo nitidus</i> (Latham, 1790)	Gray Hawk	o	F, M, S, V		X
<i>Spizaetus tyrannus</i> (Wied, 1820)	Black Hawk-Eagle	o	F, T		X
Falconidae	Falcons and Caracaras				
<i>Daptrius ater</i> Vieillot, 1816	Black Caracara	s1	C, F, T	X	
<i>Caracara plancus</i> (Miller, 1777)	Southern Caracara	o	C, F, L, M, S, T, V		X
<i>Milvago chimachima</i> (Vieillot, 1816)	Yellow-headed Caracara	s2	C, F, L, M, S, T, V		X
<i>Herpetotheres cachinnans</i> (Linnaeus, 1758)	Laughing Falcon	o, v	C, M, S, T, V		X
<i>Micrastur semitorquatus</i> (Vieillot, 1817)	Collared Forest-Falcon	s1	F, T	X	X



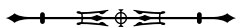
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Falco rufigularis</i> Daudin, 1800	Bat Falcon	o	C, F, S, T		X
Gruiformes					
Aramidae	Limpkins				
<i>Aramus guarauna</i> (Linnaeus, 1766)	Limpkin	p	L		X
Rallidae	Rails				
<i>Aramides cajanea</i> (Statius Muller, 1776)	Gray-necked Wood-Rail	s2	F, L, V		X
<i>Porphyrio flavirostris</i> (Gmelin, 1789)	Azure Gallinule	s1	L	X	
Heliornithidae	Finfoots				
<i>Heliornis fulica</i> (Boddaert, 1783)	Sungrebe	s1, t	L	X	X
Eurypygidae	Sunbitterns				
<i>Eurypyga helias</i> (Pallas, 1781)	Sunbittern	s1	F, L, V	X	X
Charadriiformes					
Charadriidae	Plovers				
<i>Vanellus chilensis</i> (Molina, 1782)	Southern Lapwing	o, v	L, M, S, V		X
Recurvirostridae	Stilts				
<i>Himantopus mexicanus</i> (Statius Muller, 1776)	Black-necked Stilt	s1	L, V	X	
Scolopacidae	Sandpipers				
<i>Gallinago paraguaiiae</i> (Vieillot, 1816)	South American Snipe	s1	L, V	X	
<i>Actitis macularius</i> (Linnaeus, 1766)	Spotted Sandpiper	o	L		X
<i>Tringa solitaria</i> Wilson, 1813	Solitary Sandpiper	s1	L	X	X
Jacanidae	Jacanas				
<i>Jacana jacana</i> (Linnaeus, 1766)	Wattled Jacana	o, v	L, V		X
Sternidae	Terns				
<i>Phaetusa simplex</i> (Gmelin, 1789)	Large-billed Tern	s1	L	X	X
Columbiformes					
Columbidae	Pigeons and Doves				
<i>Columbina passerina</i> (Linnaeus, 1758)	Common Ground-Dove	s1, s2	M, S, V	X	X
<i>Columbina minuta</i> (Linnaeus, 1766)	Plain-breasted Ground-Dove	s1, s2	M, S		X
<i>Columbina talpacoti</i> (Temminck, 1811)	Ruddy Ground-Dove	s1	M, S	X	
<i>Claravis pretiosa</i> (Ferrari-Perez, 1886)	Blue Ground-Dove	o, v	C, S, T		X
<i>Columba livia</i> Gmelin, 1789	Rock Dove	o	M		X
<i>Patagioenas speciosa</i> (Gmelin, 1789)	Scaled Pigeon	s1	C, F, T	X	X
<i>Patagioenas cayennensis</i> (Bonnaterre, 1792)	Pale-vented Pigeon	o	C, F, M, S, T, V		X



(Continued)

Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Zenaida auriculata</i> (Des Murs, 1847)	Eared Dove	s1, s2	C, F, M, S, T, V	X	X
<i>Leptotila verreauxi</i> Bonaparte, 1855	White-tipped Dove	s1	C, F, M, S, T, V	X	X
<i>Leptotila rufaxilla</i> (Richard & Bernard, 1792)	Gray-fronted Dove	s2	F, T		X
<i>Geotrygon montana</i> (Linnaeus, 1758)	Ruddy Quail-Dove	o	C, T		X
Psittaciformes					
Psittacidae	Parrots				
<i>Anodorhynchus hyacinthinus</i> (Latham, 1790)	Hyacinth Macaw	s1	T, V	X	
<i>Ara macao</i> (Linnaeus, 1758)	Scarlet Macaw	o	F, T, V		X
<i>Orthopsittaca manilata</i> (Boddaert, 1783)	Red-bellied Macaw	s1	C, T, V	X	X
<i>Primolius maracana</i> (Vieillot, 1816)	Blue-winged Macaw	p, t	V		X
<i>Aratinga maculata</i> (Statius Muller, 1776)	Sulfur-breasted Parakeet	s1, s2, s3, s4, s5, s6, p, t	S	X	X
<i>Aratinga aurea</i> (Gmelin, 1788)	Peach-fronted Parakeet	s1, s2, t	C, S	X	X
<i>Pyrrhura amazonum</i> Hellmayr, 1906	Hellmayr's Parakeet	s1	T	X	
<i>Forpus passerinus</i> (Linnaeus, 1758)	Green-rumped Parrotlet	s1, s2	C, S	X	X
<i>Brotogeris versicolurus</i> (Statius Muller, 1776)	Canary-winged Parakeet	o, v	S, V		X
<i>Brotogeris chrysoptera</i> (Linnaeus, 1766)	Golden-winged Parakeet	s1	C, F, T	X	
<i>Brotogeris sanctithomae</i> (Statius Muller, 1776)	Tui Parakeet	s1	F, T	X	
<i>Graydidascalus brachyurus</i> (Kuhl, 1820)	Short-tailed Parrot	s1	F	X	
<i>Pionus menstruus</i> (Linnaeus, 1766)	Blue-headed Parrot	o, v	F, T		X
<i>Amazona festiva</i> (Linnaeus, 1758)	Festive Parrot	s1	F, V	X	
<i>Amazona amazonica</i> (Linnaeus, 1766)	Orange-winged Parrot	t	C, F, T, V		X
Cuculiformes					
Cuculidae	Cuckoos				
<i>Coccyzua minuta</i> (Vieillot, 1817)	Little Cuckoo	s1, s2, t	C, F	X	X
<i>Piaya cayana</i> (Linnaeus, 1766)	Squirrel Cuckoo	s1, s2	C, F, S, T	X	X
<i>Coccyzus melacoryphus</i> Vieillot, 1817	Dark-billed Cuckoo	s1	C, F, S	X	
<i>Crotophaga major</i> Gmelin, 1788	Greater Ani	o, v	F, V		X
<i>Crotophaga ani</i> Linnaeus, 1758	Smooth-billed Ani	o, v	M, S, V		X
<i>Tapera naevia</i> (Linnaeus, 1766)	Striped Cuckoo	s1	C, F, S, V	X	X



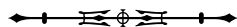
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Dromococcyx pavoninus</i> Pelzeln, 1870	Pavonine Cuckoo	o, v	C, F, T		X
Strigiformes					
Strigidae	Owls				
<i>Megascops choliba</i> (Vieillot, 1817)	Tropical Screech-Owl	s2	C, F, S, T		X
<i>Pulsatrix perspicillata</i> (Latham, 1790)	Spectacled Owl	s1	F, T	X	
<i>Asio stygius</i> (Wagler, 1832)	Stygian Owl	o	C, F, S		X
Caprimulgiformes					
Nyctibiidae	Potoos				
<i>Nyctibius grandis</i> (Gmelin, 1789)	Great Potoo	s1	F, T	X	
<i>Nyctibius griseus</i> (Gmelin, 1789)	Common Potoo	s2	C, F, S, T		X
Caprimulgidae	Nightjars				
<i>Chordeiles pusillus</i> Gould, 1861	Least Nighthawk	s1, s2	S		X
<i>Chordeiles acutipennis</i> (Hermann, 1783)	Lesser Nighthawk	s1, s2	C, S	X	X
<i>Nyctiprogne leucopyga</i> (Spix, 1825)	Band-tailed Nighthawk	s1	F, L, V	X	
<i>Nyctidromus albicollis</i> (Gmelin, 1789)	Pauraque	s1	C, F, M, S, T, V	X	X
<i>Caprimulgus rufus</i> Boddaert, 1783	Rufous Nightjar	t	C, S		X
<i>Hydropsalis climacocerca</i> (Tschudi, 1844)	Ladder-tailed Nightjar	s1	F	X	
<i>Hydropsalis torquata</i> (Gmelin, 1789)	Scissor-tailed Nightjar	s1	C, S		X
Apodiformes					
Apodidae	Swifts				
<i>Chaetura brachyura</i> (Jardine, 1846)	Short-tailed Swift	o	C, F, L, M, S, T, V		X
<i>Tachornis squamata</i> (Cassin, 1853)	Fork-tailed Palm-Swift	s1	C, F, L, M, S, T, V	X	
Trochilidae	Hummingbirds				
<i>Phaethornis rufurumii</i> Boucard, 1892	Streak-throated Hermit	s1, s4, t	C, F, S, T	X	X
<i>Phaethornis ruber</i> (Linnaeus, 1758)	Reddish Hermit	s1	C, F, T		X
<i>Eupetomena macroura</i> (Gmelin, 1788)	Swallow-tailed Hummingbird	s1, s2	C, F, M, S, T, V	X	X
<i>Anthracothorax viridigula</i> (Boddaert, 1783)	Green-throated Mango	s1	F, V	X	X
<i>Anthracothorax nigricollis</i> (Vieillot, 1817)	Black-throated Mango	s1	C, F, S, T, V	X	
<i>Avocettula recurvirostris</i> (Swainson, 1822)	Fiery-tailed Awlbill	s1	C, T	X	
<i>Lophornis ornatus</i> (Boddaert, 1783)	Tufted Coquette	s1	F, T	X	
<i>Chlorostilbon notatus</i> (Reich, 1793)	Blue-chinned Sapphire	s1	C, F	X	
<i>Thalurania furcata</i> (Gmelin, 1788)	Fork-tailed Woodnymph	s1	C, F, T		X



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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Hylocharis sapphirina</i> (Gmelin, 1788)	Rufous-throated Sapphire	s1	C, T	X	
<i>Amazilia versicolor</i> (Vieillot, 1818)	Versicolored Emerald	p	T, V		X
<i>Amazilia fimbriata</i> (Gmelin, 1788)	Glittering-throated Emerald	s1, s2	S, T	X	X
Trogoniformes					
Trogonidae	Trogons				
<i>Trogon melanurus</i> Swainson, 1838	Black-tailed Trogon	s1	C, F, T	X	
<i>Trogon viridis</i> Linnaeus, 1766	White-tailed Trogon	s1, s2, p	C, F, T	X	X
Coraciiformes					
Alcedinidae	Kingfishers				
<i>Megaceryle torquata</i> (Linnaeus, 1766)	Ringed Kingfisher	o	L		X
<i>Chloroceryle amazona</i> (Latham, 1790)	Amazon Kingfisher	s1	L	X	X
<i>Chloroceryle aenea</i> (Pallas, 1764)	American Pygmy Kingfisher	s1	F, L	X	
<i>Chloroceryle americana</i> (Gmelin, 1788)	Green Kingfisher	s1	L	X	X
Momotidae	Motmots				
<i>Momotus momota</i> (Linnaeus, 1766)	Blue-crowned Motmot	s1	F, T	X	X
Galbuliformes					
Galbulidae	Jacamars				
<i>Brachygalba lugubris</i> (Swainson, 1838)	Brown Jacamar	s1	C, T	X	X
<i>Galbula ruficauda</i> Cuvier, 1816	Rufous-tailed Jacamar	s1	F, T	X	
<i>Galbula galbula</i> (Linnaeus, 1766)	Green-tailed Jacamar	s1, s2, p	F, T	X	X
Bucconidae	Puffbirds				
<i>Notharchus ordii</i> (Cassin, 1851)	Brown-banded Puffbird	s1	T	X	
<i>Notharchus tectus</i> (Boddaert, 1783)	Pied Puffbird	s1, s2	T	X	X
<i>Bucco tamatia</i> Gmelin, 1788	Spotted Puffbird	s1, s2, p	F, T	X	X
<i>Monasa nigrifrons</i> (Spix, 1824)	Black-fronted Nunbird	s1	F, T	X	
<i>Monasa morphoeus</i> (Hahn & Küster, 1823)	White-fronted Nunbird	s1	T	X	
<i>Chelidoptera tenebrosa</i> (Pallas, 1782)	Swallow-wing	s1	C, F, S, T, V	X	X
Piciformes					
Ramphastidae	Toucans and Aracaris				
<i>Ramphastos toco</i> Statius Muller, 1776	Toco Toucan	s1	S, V	X	X
<i>Ramphastos tucanus</i> Linnaeus, 1758	Red-billed Toucan	o	T		X
<i>Pteroglossus bitorquatus</i> Vigors, 1826	Red-necked Aracari	s1	T	X	
<i>Pteroglossus aracari</i> (Linnaeus, 1758)	Black-necked Aracari	s1	F, T	X	X
Picidae	Woodpeckers				
<i>Picumnus exilis</i> (Lichtenstein, 1823)	Golden-spangled Piculet	s2	C, T		X



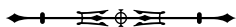
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<i>Picumnus cirratus</i> Temminck, 1825	White-barred Piculet	s1, t	F, T	X	X
<i>Melanerpes candidus</i> (Otto, 1796)	White Woodpecker	s1	M, S, V	X	
<i>Veniliornis cassini</i> (Malherbe, 1862)	Golden-collared Woodpecker	s1	T	X	
<i>Veniliornis passerinus</i> (Linnaeus, 1766)	Little Woodpecker	s1, s2	C, F	X	X
<i>Colaptes punctigula</i> (Boddaert, 1783)	Spot-breasted Woodpecker	s1	F, T	X	
<i>Colaptes campestris</i> (Vieillot, 1818)	Campo Flicker	s1	S	X	X
<i>Celeus flavescens</i> (Gmelin, 1788)	Blond-crested Woodpecker	s1, t	C, T	X	X
<i>Dryocopus lineatus</i> (Linnaeus, 1766)	Lineated Woodpecker	o	C, F, S, T, V		X
<i>Campephilus melanoleucos</i> (Gmelin, 1788)	Crimson-crested Woodpecker	s1	C, F, S, T, V	X	X
Passeriformes					
Thamnophilidae	Typical Antbirds				
<i>Taraba major</i> (Vieillot, 1816)	Great Antshrike	s1	C, F	X	X
<i>Sakesphorus luctuosus</i> (Lichtenstein, 1823)	Glossy Antshrike	s1	F	X	X
<i>Thamnophilus doliatus</i> (Linnaeus, 1764)	Barred Antshrike	s1, s2	C, F	X	X
<i>Thamnophilus nigrocinereus</i> Sclater, 1855	Blackish-gray Antshrike	s1	F	X	
<i>Thamnophilus punctatus</i> (Shaw, 1809)	Northern Slaty-Antshrike	s1, t	C, T	X	X
<i>Myrmotherula axillaris</i> (Vieillot, 1817)	White-flanked Antwren	s1	C, F, T	X	X
<i>Myrmotherula assimilis</i> Pelzelin, 1868	Leaden Antwren	s1	F	X	
<i>Formicivora grisea</i> (Boddaert, 1783)	White-fringed Antwren	s1, s2, p	C, S	X	X
<i>Formicivora rufa</i> (Wied, 1831)	Rusty-backed Antwren	s1, p	S	X	X
<i>Cercomacra tyrannina</i> (Sclater, 1855)	Dusky Antbird	s1, t	C, T	X	X
<i>Cercomacra laeta</i> Todd, 1920	Willis' Antbird	s1	F, T		X
<i>Myrmoborus lugubris</i> (Cabanis, 1847)	Ash-breasted Antbird	s1	F	X	
<i>Hypocnemoides melanopogon</i> (Sclater, 1857)	Black-chinned Antbird	s1	F	X	
<i>Sclateria naevia</i> (Gmelin, 1788)	Silvered Antbird	v	F		X
<i>Myrmeciza longipes</i> (Swainson, 1825)	White-bellied Antbird	s1, s2, t	C	X	X
Formicariidae	Ground-antbirds				
<i>Formicarius colma</i> Boddaert, 1783	Rufous-capped Antthrush	s1	C, F, T	X	X
<i>Formicarius analis</i> (d'Orbigny & Lafresnaye, 1837)	Black-faced Antthrush	s1	T	X	
Dendrocolaptidae	Woodcreepers				
<i>Dendrocincla fuliginosa</i> (Vieillot, 1818)	Plain-brown Woodcreeper	s1, t	C, F, T		X
<i>Nasica longirostris</i> (Vieillot, 1818)	Long-billed Woodcreeper	s1	F	X	
<i>Dendroplex picus</i> (Gmelin, 1788)	Straight-billed Woodcreeper	s1, s2, p	C, F, S	X	X



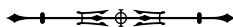
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Xiphorhynchus obsoletus</i> (Lichtenstein, 1820)	Striped Woodcreeper	s1	C, F, T	X	
<i>Xiphorhynchus guttatus</i> (Lichtenstein, 1820)	Buff-throated Woodcreeper	s1, t	F, T	X	X
<i>Lepidocolaptes angustirostris</i> (Vieillot, 1818)	Narrow-billed Woodcreeper	s1	S	X	X
<i>Campylorhynchus trochilirostris</i> (Lichtenstein, 1820)	Red-billed Scythebill	s1	F, T	X	
<i>Campylorhynchus procurvoides</i> (Lafresnaye, 1850)	Curve-billed Scythebill	s1	T	X	
Furnariidae	Ovenbirds				
<i>Furnarius figulus</i> (Lichtenstein, 1823)	Wing-banded Hornero	s1	V	X	
<i>Furnarius minor</i> Pelzeln, 1858	Lesser Hornero	s1	V	X	
<i>Synallaxis albescens</i> Temminck, 1823	Pale-breasted Spinetail	s1, s2, t	S	X	X
<i>Synallaxis rutilans</i> Temminck, 1823	Ruddy Spinetail	s1	T	X	
<i>Synallaxis gujanensis</i> (Gmelin, 1789)	Plain-crowned Spinetail	s1	F	X	X
<i>Cranioleuca vulpina</i> (Pelzeln, 1856)	Rusty-backed Spinetail	s1, t	F	X	X
<i>Cranioleuca muelleri</i> (Hellmayr, 1911)	Scaled Spinetail	s1	F	X	
<i>Certhiaxis cinnamomeus</i> (Gmelin, 1788)	Yellow-chinned Spinetail	s1	L, V	X	X
<i>Certhiaxis mustelinus</i> (Sclater, 1874)	Red-and-white Spinetail	s1	L, V	X	
<i>Berlepschia rikeri</i> (Ridgway, 1886)	Point-tailed Palmcreeper	t	V		X
<i>Xenops minutus</i> (Sparrman, 1788)	Plain Xenops	t	F, T		X
Tyrannidae	Tyrant-flycatchers				
<i>Lophotriccus galeatus</i> (Boddaert, 1783)	Helmeted Pygmy-Tyrant	t	C, T		X
<i>Poecilotriccus fumifrons</i> (Hartlaub, 1853)	Smoky-fronted Tody-Flycatcher	s1	C, T		X
<i>Todirostrum maculatum</i> (Desmarest, 1806)	Spotted Tody-Flycatcher	s1	F, M	X	X
<i>Todirostrum cinereum</i> (Linnaeus, 1766)	Common Tody-Flycatcher	s1, s2	C, S	X	X
<i>Tyrannulus elatus</i> (Latham, 1790)	Yellow-crowned Tyrannulet	s1	C, F, T	X	X
<i>Myiopagis gaimardii</i> (d'Orbigny, 1839)	Forest Elaenia	o	C, F, T		X
<i>Myiopagis flavivertex</i> (Sclater, 1887)	Yellow-crowned Elaenia	s1	F	X	
<i>Myiopagis viridicata</i> (Vieillot, 1817)	Greenish Elaenia	o	C, T		X
<i>Elaenia flavogaster</i> (Thunberg, 1822)	Yellow-bellied Elaenia	s1, s2	S	X	X
<i>Elaenia pelzelni</i> Berlepsch, 1907	Brownish Elaenia	s1	F, V	X	
<i>Elaenia cristata</i> Pelzeln, 1868	Plain-crested Elaenia	s1, s2	S	X	X
<i>Elaenia chiriquensis</i> Lawrence, 1865	Lesser Elaenia	s1, s2, t	S		X



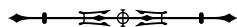
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Camptostoma obsoletum</i> (Temminck, 1824)	Southern Beardless-Tyrannulet	s1	C, M, S, V	X	X
<i>Suiriri suiriri</i> (Vieillot, 1818)	Suiriri Flycatcher	s1, s2, t	S	X	X
<i>Phaeomyias murina</i> (Spix, 1825)	Mouse-colored Tyrannulet	s1, s2	C, S	X	X
<i>Sublegatus modestus</i> (Wied, 1831)	Southern Scrub-Flycatcher	s1	S	X	X
<i>Tolmomyias poliocephalus</i> (Taczanowski, 1884)	Gray-crowned Flycatcher	o, v	F, T		X
<i>Tolmomyias flaviventris</i> (Wied, 1831)	Yellow-breasted Flycatcher	s1, s2	C	X	X
<i>Cnemotriccus fuscatus</i> (Wied, 1831)	Fuscous Flycatcher	s1, s2	C		X
<i>Pyrocephalus rubinus</i> (Boddaert, 1783)	Vermilion Flycatcher	s1	M, S, V	X	
<i>Knipolegus poecilocercus</i> (Pelzeln, 1868)	Amazonian Black-Tyrant	s1	F	X	
<i>Xolmis velatus</i> (Lichtenstein, 1823)	White-rumped Monjita	s1, s2	S	X	X
<i>Fluvicola albiventer</i> (Spix, 1825)	Black-backed Water-Tyrant	s1	L, V	X	
<i>Arundinicola leucocephala</i> (Linnaeus, 1764)	White-headed Marsh-Tyrant	s1	L, V	X	
<i>Legatus leucophaius</i> (Vieillot, 1818)	Piratic Flycatcher	s1, s2	C, F, M, T, V	X	X
<i>Myiozetetes cayanensis</i> (Linnaeus, 1766)	Rusty-margined Flycatcher	s2	V		X
<i>Myiozetetes similis</i> (Spix, 1825)	Social Flycatcher	s1	C, F, M, S, T, V	X	
<i>Pitangus sulphuratus</i> (Linnaeus, 1766)	Great Kiskadee	s1	C, F, M, S, T, V	X	X
<i>Philohydor lictor</i> (Lichtenstein, 1823)	Lesser Kiskadee	s1	L, V		X
<i>Conopias trivirgatus</i> (Wied, 1831)	Three-striped Flycatcher	s1, s2, p	C, F, S, T		X
<i>Myiodynastes maculatus</i> (Statius Muller, 1776)	Streaked Flycatcher	s1	C, F, M, S, T, V	X	X
<i>Megarynchus pitangua</i> (Linnaeus, 1766)	Boat-billed Flycatcher	s2, t	C, F, M, S, T, V		X
<i>Tyrannopsis sulphurea</i> (Spix, 1825)	Sulphury Flycatcher	p	V		X
<i>Empidonomus varius</i> (Vieillot, 1818)	Variiegated Flycatcher	o	C, F, M, S, T, V		X
<i>Tyrannus albogularis</i> Burmeister, 1856	White-throated Kingbird	s1	C, F, M, S, T, V	X	
<i>Tyrannus melancholicus</i> Vieillot, 1819	Tropical Kingbird	o	C, F, M, S, T, V		X
<i>Tyrannus savana</i> Vieillot, 1808	Fork-tailed Flycatcher	s1, s2	S	X	X
<i>Casiornis rufus</i> (Vieillot, 1816)	Rufous Casiornis	s1	C, T	X	X



(Continued)

Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Casiornis fuscus</i> Sclater & Salvin, 1873	Ash-throated Casiornis	s2	C, T		X
<i>Myiarchus tuberculifer</i> (d'Orbigny & Lafresnaye, 1837)	Dusky-capped Flycatcher	o, v	C, F, T		X
<i>Myiarchus ferox</i> (Gmelin, 1789)	Short-crested Flycatcher	s1, s2	C, F, M, S, T, V	X	X
<i>Myiarchus tyrannulus</i> (Statius Muller, 1776)	Brown-crested Flycatcher	s1, s2	C, S, T	X	X
<i>Attila cinnamomeus</i> (Gmelin, 1789)	Cinnamon Attila	s1	C, F, T	X	
<i>Attila bolivianus</i> Lafresnaye, 1848	Dull-capped Attila	s1	F	X	
<i>Attila spadiceus</i> (Gmelin, 1789)	Bright-rumped Attila	s1	T	X	
Cotingidae	Cotingas				
<i>Gymnoderus foetidus</i> (Linnaeus, 1758)	Bare-necked Fruitcrow	s1	F, T	X	
<i>Perissocephalus tricolor</i> (Statius Muller, 1776)	Capuchinbird	s1	T	X	
Pipridae	Manakins				
<i>Neopelma pallescens</i> (Lafresnaye, 1853)	Pale-bellied Tyrant-Manakin	s1, s2	C		X
<i>Manacus manacus</i> (Linnaeus, 1766)	White-bearded Manakin	s1, s2, p	C, T	X	X
<i>Chiroxiphia pareola</i> (Linnaeus, 1766)	Blue-backed Manakin	s1	C, T	X	X
<i>Pipra aureola</i> (Linnaeus, 1758)	Crimson-hooded Manakin	s1, s2, p, t	C, F, T	X	X
<i>Pipra erythrocephala</i> (Linnaeus, 1758)	Golden-headed Manakin	s1	C, T	X	
Tityridae	Tityras				
<i>Schiffornis olivacea</i> (Ridgway, 1906)	Olivaceous Schiffornis	o	C, T		X
<i>Tityra cayana</i> (Linnaeus, 1766)	Black-tailed Tityra	s1	C, F, T	X	
<i>Tityra semifasciata</i> (Spix, 1825)	Masked Tityra	s1	T	X	
<i>Pachyrampus rufus</i> (Boddaert, 1783)	Cinereous Becard	s1	F, T	X	
<i>Pachyrampus castaneus</i> (Jardine & Selby, 1827)	Chestnut-crowned Becard	s1	T	X	
<i>Pachyrampus polychopterus</i> (Vieillot, 1818)	White-winged Becard	s1	C, T	X	X
Vireonidae	Vireos				
<i>Cyclarhis gujanensis</i> (Gmelin, 1789)	Rufous-browed Peppershrike	s1, s2	C, F, S, T	X	X
<i>Vireo olivaceus</i> (Linnaeus, 1766)	Red-eyed Vireo	s1, s2	C, F, T	X	X
<i>Hylophilus pectoralis</i> Sclater, 1866	Ashy-headed Greenlet	s1, s2, p	C, F, S, T	X	X
Corvidae	Crows and Jays				
<i>Cyanocorax cayanus</i> (Linnaeus, 1766)	Cayenne Jay	t	C, T		X
Hirundinidae	Swallows				



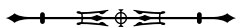
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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Progne tapera</i> (Vieillot, 1817)	Brown-chested Martin	s1	F, L, M, S, V	X	
<i>Progne chalybea</i> (Gmelin, 1789)	Gray-breasted Martin	s1	F, L, M, S, V	X	
<i>Tachycineta albiventer</i> (Boddaert, 1783)	White-winged Swallow	s3, p	L, V		X
<i>Riparia riparia</i> (Linnaeus, 1758)	Bank Swallow	o	L		X
<i>Hirundo rustica</i> Linnaeus, 1758	Barn Swallow	p	L, M, S		X
Troglodytidae	Wrens				
<i>Troglodytes musculus</i> Naumann, 1823	Southern House-Wren	s1	M, S	X	X
<i>Cantorchilus leucotis</i> (Lafresnaye, 1845)	Buff-breasted Wren	s1, s2, p	F	X	X
Donacobiidae	Donacobius				
<i>Donacobius atricapilla</i> (Linnaeus, 1766)	Black-capped Donacobius	s1	L, V	X	
Poliopitilidae	Gnatcatchers				
<i>Polioptila plumbea</i> (Gmelin, 1788)	Tropical Gnatcatcher	s1, s2	C, F, V	X	X
Turdidae	Thrushes				
<i>Turdus nudigenis</i> Lafresnaye, 1848	Bare-eyed Thrush	s1, s2, p, t	C, F, T		X
<i>Turdus leucomelas</i> Vieillot, 1818	Pale-breasted Thrush	s1, s2	C, F, M, S	X	X
<i>Turdus fumigatus</i> Lichtenstein, 1823	Cocoa Thrush	s1	F, T		X
<i>Turdus ignobilis</i> Sclater, 1858	Black-billed Thrush	s1	C, T	X	
Mimidae	Mockingbirds				
<i>Mimus saturninus</i> (Lichtenstein, 1823)	Chalk-browed Mockingbird	s1, s2	S	X	X
Coerebidae	Bananaquits				
<i>Coereba flaveola</i> (Linnaeus, 1758)	Bananaquit	s1, s2	C, F, M, S, T, V	X	X
Thraupidae	Tanagers				
<i>Saltator maximus</i> (Statius Muller, 1776)	Buff-throated Saltator	s1, s2	C, T	X	X
<i>Saltator coerulescens</i> Vieillot, 1817	Grayish Saltator	o	F, V		X
<i>Schistochlamys melanopsis</i> (Latham, 1790)	Black-faced Tanager	o	S		X
<i>Nemosia pileata</i> (Boddaert, 1783)	Hooded Tanager	s1	C, F, S, V	X	X
<i>Tachyphonus rufus</i> (Boddaert, 1783)	White-lined Tanager	s2	C, S		X
<i>Ramphocelus nigrogularis</i> (Spix, 1825)	Masked Crimson Tanager	s1	F, V	X	
<i>Ramphocelus carbo</i> (Pallas, 1764)	Silver-beaked Tanager	s1, s2	C, F, M, T, V	X	X
<i>Thraupis episcopus</i> (Linnaeus, 1766)	Blue-gray Tanager	s2	C, F, M, S, T		X
<i>Thraupis palmarum</i> (Wied, 1823)	Palm Tanager	s1	C, F, M, S, T, V	X	X
<i>Tangara mexicana</i> (Linnaeus, 1766)	Turquoise Tanager	s1	C, F, T	X	
<i>Tangara cayana</i> (Linnaeus, 1766)	Burnished-buff Tanager	s1, s2	C, F, M, S, T, V	X	X



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Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Dacnis cayana</i> (Linnaeus, 1766)	Blue Dacnis	s1	C, F, M, S, T, V	X	X
<i>Cyanerpes cyaneus</i> (Linnaeus, 1766)	Red-legged Honeycreeper	s1	C, T	X	
<i>Conirostrum speciosum</i> (Temminck, 1824)	Chestnut-vented Conebill	s1	C, F, S, T	X	X
<i>Conirostrum bicolor</i> (Vieillot, 1809)	Bicolored Conebill	s1	F	X	
Emberizidae	Seedeaters				
<i>Zonotrichia capensis</i> (Statius Muller, 1776)	Rufous-collared Sparrow	s1, s2	M, S	X	X
<i>Ammodramus humeralis</i> (Bosc, 1792)	Grassland Sparrow	s1, s2	M, S	X	X
<i>Sicalis citrina</i> Pelzeln, 1870	Stripe-tailed Yellow-Finch	s1	S		X
<i>Sicalis columbiana</i> Cabanis, 1851	Orange-fronted Yellow-finch	s1	F, V	X	
<i>Sicalis luteola</i> (Sparman, 1789)	Grassland Yellow-Finch	s1	M, S, V	X	
<i>Volatinia jacarina</i> (Linnaeus, 1766)	Blue-black Grassquit	v	M, S, V		X
<i>Sporophila plumbea</i> (Wied, 1830)	Plumbeous Seedeater	s1	S, V		X
<i>Sporophila americana</i> (Gmelin, 1789)	Wing-barred Seedeater	s1	M, V	X	
<i>Sporophila lineola</i> (Linnaeus, 1758)	Lined Seedeater	s1	M, V		X
<i>Sporophila nigricollis</i> (Vieillot, 1823)	Yellow-bellied Seedeater	s1, s2	M, S, V	X	X
<i>Sporophila castaneiventris</i> Cabanis, 1849	Chestnut-bellied Seedeater	s1	V	X	
<i>Sporophila angolensis</i> (Linnaeus, 1766)	Chestnut-bellied Seed-Finch	s1	S, V		X
<i>Arremon taciturnus</i> (Hermann, 1783)	Pectoral Sparrow	s1, s2	F, T		X
<i>Paroaria gularis</i> (Linnaeus, 1766)	Red-capped Cardinal	s1	F, V	X	X
Cardinalidae	Cardinals				
<i>Piranga flava</i> (Vieillot, 1822)	Hepatic-Tanager	s1	S	X	
<i>Cyanoloxia cyanooides</i> (Lafresnaye, 1847)	Blue-black Grosbeak	s1	F, T	X	X
Parulidae	New World Warblers				
<i>Phaeothlypis mesoleuca</i> (Sclater, 1866)	Riverside Warbler	s1	F, T		X
Icteridae	New World Blackbirds				
<i>Psarocolius decumanus</i> (Pallas, 1769)	Crested Oropendola	s1, s2	C, F, S, T	X	X
<i>Procacicus solitarius</i> (Vieillot, 1816)	Solitary Cacique	s1	V	X	
<i>Cacicus cela</i> (Linnaeus, 1758)	Yellow-rumped Cacique	s1, t	C, F, S, T, V	X	X
<i>Icterus croconotus</i> (Wagler, 1829)	Orange-backed Troupial	s1	V	X	
<i>Gymnomystax mexicanus</i> (Linnaeus, 1766)	Oriole Blackbird	s1, t	V	X	X
<i>Chrysomus icterocephalus</i> (Linnaeus, 1766)	Yellow-hooded Blackbird	s1	V	X	
<i>Molothrus oryzivorus</i> (Gmelin, 1788)	Giant Cowbird	s1	M, V	X	
<i>Molothrus bonariensis</i> (Gmelin, 1789)	Shiny Cowbird	s1	M, S, V	X	



(Conclusion)

Order/Family/Species	English name	Evidence	Habitat	Previous fieldworkers	Present study
<i>Sturnella militaris</i> (Linnaeus, 1758)	Red-breasted Blackbird	s1	M, S, V	X	X
Fringillidae	Finches				
<i>Euphonia chlorotica</i> (Linnaeus, 1766)	Purple-throated Euphonia	s1, s2	C, F, M, S, T, V	X	X
<i>Euphonia violacea</i> (Linnaeus, 1758)	Violaceous Euphonia	o, v	F, S		X
Passeridae	Old World Sparrows				
<i>Passer domesticus</i> (Linnaeus, 1758)	House Sparrow	o	M		X

