

# Trip Report

## Ornifolks in Carajás

with extension to Isla Bananal

Leader: Guy Kirwan ([gmkirwan@aol.com](mailto:gmkirwan@aol.com))

Host/Guide: Jurací (aka 'Gaucho')

Participating: Louise Augustine, Mark Elwonger ([Greenowl@vicec.org](mailto:Greenowl@vicec.org)), Mike Flieg, Bill Heady, Pearl Jordan, Patricia Moynahan, Rupert Quinnell, and Don Rathbun.

List by Mark Elwonger, Taxonomic notes by Guy Kirwan. Taxonomic sequence from the South American Checklist Committee.

Ornifolks has scheduled a second trip to Carajás, also led by Guy Kirwan, for September 2006. For further information, contact Guy or check our website at [Ornifolks.org](http://Ornifolks.org)

### Itinerary

8/25/2004.....	one hour drive from Belém toward beach	
8/26/2004.....	Varzea at Utinga	
8/27/2004.....	Travel S from Belém to Carajás	
8/28/2004.....	River trail	PM: track at Km 15
8/29/2004.....	River trail	PM: track at Km 15
8/30/2004.....	Aguas Claras Road	aka the bridge trail
8/31/2004.....	AM Aguas Claras	PM Km 35 trail & right of way
9/1/2004.....	AM Salobo Rd	PM River trail
9/2/2004.....	AM Salobo Rd	PM River trail
9/3/2004.....	AM Aguas Claras	PM Esteril Sul
9/4/2004.....	AM Aguas Claras	PM Salobo Rd 20km from junction
9/5/2004.....	AM Salobo Rd 35 km from junction	PM Esteril Sul
9/6/2004.....	AM Salobo Rd 4 km from junction	PM Aguas Claras Rd
9/7/2004.....	AM Salobo Rd 30 km from junction	PM Salobo Rd 4 km from junction
9/8/2004.....	AM Salobo Rd 30 km from junction	
9/9/2004.....	AM: River trail	PM travel El Dorado dos Carajás to Conceição do Araguaia
9/10/2004.....	Conceição do Araguaia to Caseara	
9/11/2004.....	Caseara	AM: town to ferry landing PM: river islands
9/12/2004.....	Pará: Barreira dos Campos	



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<b>CATHARTIDAE (NEW WORLD VULTURES)</b>																			
Turkey Vulture	C	1	C	C		U	U	U	X	X			X			X	C	X	X
Lesser Yellow-headed Vulture				FC					X		X	U							
Greater Yellow-headed Vulture													U						
Black Vulture	A	A	A	C	C	U	U	U	X	X	FC	X	X	FC	FC	X	A	X	A
King Vulture						U													
<b>PANDIONIDAE (OSPREY)</b>																			
Osprey																		1	1
<b>ACCIPITRIDAE (HAWKS)</b>																			
Swallow-tailed Kite			1	1	1	1	U		X	1	1		1	U	X	X	1		1
Pearl Kite			1																
White-tailed Kite			2						1							X			
Snail Kite			U															1	
Plumbeous Kite			U	U	U	U		1	X			X	X	X		X			X
Long-winged Harrier																			1
Gray-bellied Goshawk						1													
Tiny Hawk	1																		
-Bicolored Hawk													1	1					
-Gray Crane-hawk																		1	
White Hawk						1	1					1	1						
Gray-lined [Gray] Hawk			X	X	1	1						X		1	X	X	U		1
Great Black-hawk									1									1	
Savanna Hawk	1		1																2
Roadside Hawk		1	U		U			1	1	X	X			1	X		U	X	U
Short-tailed Hawk			1											1					
White-tailed Hawk			1						1				1			X			
Harpy Eagle					1														
Black-and-white Hawk-eagle												1							
Black Hawk-eagle																			
<b>FALCONIDAE (FALCONS)</b>																			
Black Caracara				2	1								1						
Red-throated Caracara									1										
Southern Caracara	U		U													X	FC	FC	FC
Yellow-headed Caracara	U															X	FC	X	U
Laughing Falcon																X	1	1	
Cryptic Forest-Falcon				1	H			1S	1S							H			
Slaty-backed Forest-Falcon																			
American Kestrel			1													X	U	1	1
Bat Falcon				1	1	1	1								1				
Aplomado Falcon																		1	
<b>ARAMIDAE (LIMPKIN)</b>																			
Limpkin																X	X	X	

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<b>RALLIDAE (RAILS)</b>																					
Gray-necked Wood-rail																					<i>Aramides cajanea</i>
Russet-crowned Crane		1S 4H																			<i>Anurolimnas viridis</i>
Rufous-sided Crane																					<i>Laterallus melanophaius</i>
Gray-breasted Crane																					<i>Laterallus exilis</i>
Common Moorhen															X						<i>Gallinula chloropus</i>
<b>CARIAMIDAE (SERIEMAS)</b>																					
Red-legged Seriema																					<i>Cariama cristata</i>
<b>JACANIDAE (JACANAS)</b>																					
Wattled Jacana	1	U	FC																		<i>Jacana jacana</i>
<b>CHARADRIIDAE (PLOVERS)</b>																					
Pied Lapwing																					<i>Vanellus cayanus</i>
-Southern [Cayenne] Lapwing	U	U	FC	X											X	FC	U	FC			<i>Vanellus chilensis 'cayennensis'</i>
Collared Plover																					<i>Charadrius collaris</i>
<b>SCOLOPACIDAE (SANDPIPERS)</b>																					
Lesser Yellowlegs																					<i>Tringa flavipes</i>
Solitary Sandpiper																					<i>Tringa solitaria</i>
Spotted Sandpiper																					<i>Actitis macularius</i>
<b>Sterninae</b>																					
Yellow-billed Tern																					<i>Sterna superciliaris</i>
Large-billed Tern																					<i>Phaetusa simplex</i>
<b>RYNCHOPIDAE (SKIMMERS)</b>																					
Black Skimmer																					<i>Rynchops niger</i>
<b>COLUMBIDAE (PIGEONS)</b>																					
Rock Pigeon	FC																				<i>Columba livia</i>
Scaled Pigeon																					<i>Patagioenas speciosa</i>
Picazuro Pigeon																					<i>Patagioenas picazuro</i>
Pale-vented Pigeon																					<i>Patagioenas cayennensis</i>
Plumbeous Pigeon																					<i>Patagioenas plumbea</i>
-Ruddy Pigeon																					<i>Patagioenas subvinacea subvinacea</i>
Eared Dove	U	U																			<i>Zenaida auriculata</i>
Ruddy Ground-dove	FC		FC																		<i>Columbina talpacoti</i>
Scaled Dove																					<i>Columbina squammata</i>
White-tipped Dove																					<i>Leptotila verreauxi</i>
Gray-fronted Dove																					<i>Leptotila rufaxilla</i>
<b>PSITTACIDAE (PARROTS)</b>																					
Hyacinth Macaw																					<i>Anodorhynchus hyacinthinus</i>
Blue-and-yellow Macaw																					<i>Ara ararauna</i>
Red-and-green Macaw																					<i>Ara chloropterus</i>
Chestnut-fronted Macaw																					<i>Ara severus</i>
Red-bellied Macaw																					<i>Orthopsittaca manilata</i>
Blue-winged Macaw																					<i>Propyrrhura maracana</i>
Yellow-collared Macaw																					<i>Propyrrhura auricollis</i>
Red-shouldered Macaw																					<i>Diopsittaca nobilis</i>

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White-eyed Parakeet				U	FC	U			FC					U		FC	X			
Jandaya Parakeet																FC				
Peach-fronted Parakeet		1															U	U		
Pearly Parakeet														1	2					
-Hellmayr's [Painted] Parakeet						U	1	U	U	U	FC	U	U	U						
Yellow-chevroned Parakeet																X	X	X	FC	
Golden-winged Parakeet		FC	FC				X	U	FC		FC	X	U		U					
Scarlet-shouldered Parrotlet												1L								
White-bellied Parrot				H	1															
Short-tailed Parrot				1			U													
Blue-headed Parrot					U	U	U	U	FC	FC	FC	FC	U	FC	X	X		U		
Orange-winged Parrot														U			X	FC	FC	
Mealy Parrot	U			U			U	FC				U	H	U	X		X			
Red-fan Parrot												4								
<b>OPISTHOCOMIDAE (HOATZIN)</b>																				
Hoatzin																		70		
<b>Cuculinae</b>																				
Dark-billed Cuckoo												1								
Squirrel Cuckoo	H	1		1	1		1		1	1	1	2		X	X	1	1		1	
Little Cuckoo					1							1								
<b>Crotophaginae</b>																				
Greater Ani								2	4							X				
Smooth-billed Ani	FC	FC	FC	U	FC	U	FC	FC	FC					U	U	X				
Guira Cuckoo		10															C	A	C	C
<b>Neomorphinae</b>																	FC	FC	FC	
Striped Cuckoo		H					1		H	H	H	1		H	H	H			H	H
<b>STRIGIDAE (OWLS)</b>																				
Amazonian Pygmy-owl																		1		
Burrowing Owl			1													X	X		1	
<b>CAPRIMULGIDAE (NIGHTJARS)</b>																				
-Chestnut-banded [Short-tailed] Nighthawk								2												
Least Nighthawk																		1	X	
Sand-colored Nighthawk																			20	U
Lesser Nighthawk																			U	U
Nacunda Nighthawk																				1
Pauraque																				
Blackish Nightjar							1 NE			RK	6			1						
<b>APODIDAE (SWIFTS)</b>										2	2 NE	2	U	U						
Band-rumped Swift				U	U	U	U	X		X	X	X	2		FC					
-Gray-rumped Swift										X	X	X	FC		U				X	
Pale-rumped Swift																				
Chapman's Swift					1			U												
Sick's Swift																				
Short-tailed Swift		U	U																	
Fork-tailed Palm-Swift	U		U																	
Lesser Swallow-tailed Swift				1	X				X	X							X	X	X	
<i>Aratinga leucophthalma</i>																				
<i>Aratinga jandaya</i>																				
<i>Aratinga aurea</i>																				
<i>Pyrrhura lepida</i>																				
<i>Pyrrhura picta amazona</i>																				
<i>Brotogeris chiriri</i>																				
<i>Brotogeris chrysoptera</i>																				
<i>Touit huetii</i>																				
<i>Pionites leucogaster</i>																				
<i>Graydidascalus brachyurus</i>																				
<i>Pionus menstruus</i>																				
<i>Amazona amazonica</i>																				
<i>Amazona farinosa</i>																				
<i>Deroptyus accipitrinus</i>																				
<i>Opisthocomus hoazin</i>																				
<i>Coccyzus melacoryphus</i>																				
<i>Piaya cayana</i>																				
<i>Piaya minuta</i>																				
<i>Crotophaga major</i>																				
<i>Crotophaga ani</i>																				
<i>Guira guira</i>																				
<i>Tapera naevia</i>																				
<i>Glaucidium hardyi</i>																				
<i>Athene cucularia</i>																				
<i>Lurocalis semitorquatus nattereri</i>																				
<i>Chordeiles pusillus</i>																				
<i>Chordeiles rupestris</i>																				
<i>Chordeiles acutipennis</i>																				
<i>Podager nacunda</i>																				
<i>Nyctidromus albicollis</i>																				
<i>Caprimulgus nigrescens</i>																				
<i>Chaetura spinicaudus</i>																				
<i>Chaetura cinereiventris cinereiventris</i>																				
<i>Chaetura egregia</i>																				
<i>Chaetura chapmani</i>																				
<i>Chaetura meridionalis</i>																				
<i>Chaetura brachyura</i>																				
<i>Tachornis squamata</i>																				
<i>Panyptila cayennensis</i>																				

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<b>TROCHILIDAE (HUMMINGBIRDS)</b>																			
Cinnamon-throated Hermit																			
Reddish Hermit	U									X	X	X	1	2			1		
White-bearded Hermit											L								
Eastern Long-tailed Hermit				1	1	1	1	1		X	X	X			1				
Gray-breasted Sabrewing	1				1					1	X		1						
Swallow-tailed Hummingbird																	1		
White-vented Violet-ear									1										
Black-throated Mango																	1	1	
Blue-chinned Sapphire											1								
Blue-tailed Emerald										1									
Glittering-bellied Emerald																	X		
Fork-tailed Woodnymph			1	1		1	1			X	1	X	1			1			
White-tailed Goldenthrout																	U		
Glittering-throated Emerald																	1		
Black-eared Fairy			2			1		1			1		1						
Long-billed Starthroat										1	1						1	X	
<b>TROGONIDAE (TROGONS)</b>																			
White-tailed Trogon		2		1	H	1	1	U	1	X	H	X	X	X	X	1			
Violaceous Trogon	1																		
Black-throated Trogon																		H	
Black-tailed Trogon				H	1			1		X		X	X						
<b>ALCEDINIDAE (KINGFISHERS)</b>																			
Ringed Kingfisher		1				1											1	U	U
Amazon Kingfisher																		U	U
Green Kingfisher																	1		
<b>MOMOTIDAE (MOTMOTS)</b>																			
-Blue-crowned [Blue-diademed] Motmot		1									1								
<b>GALBULIDAE (JACAMARS)</b>																			
Brown Jacamar																			
Blue-necked [-cheeked] Jacamar						1				1			1						2
-Rufous-tailed [Rufous-and-green] Jacamar												1	1	1	1		1	1	1
Great Jacamar											1	1	1	2					
<b>BUCCONIDAE (PUFFBIRDS)</b>																			
White-necked Puffbird			1																
Pied Puffbird											1								2
Collared Puffbird										H									
Striolated Puffbird											1								
White-eared Puffbird															1				
Spot-backed Puffbird																			1
Black-fronted Nunbird			U	U	U	U	U	U		X	1		U					U	U
White-fronted Nunbird			U							X	1	U			FC				
Swallow-wing	FC					1				X	U	U		U	U		1	FC	FC
<b>Other Species</b>																			
<i>Phaethornis nattereri 'maranhoensis'</i>																			
<i>Phaethornis ruber</i>																			
<i>Phaethornis hispidus</i>																			
<i>Phaethornis superciliosus</i>																			
<i>Campylopterus largipennis</i>																			
<i>Eupetomena macroura</i>																			
<i>Colibri serrirostris</i>																			
<i>Anthracothorax nigricollis</i>																			
<i>Chlorestes notata</i>																			
<i>Chlorostilbon mellisugus</i>																			
<i>Chlorostilbon aureoventris</i>																			
<i>Thalurania furcata</i>																			
<i>Polytmus guainumbi</i>																			
<i>Amazilia fimbriata</i>																			
<i>Heliothryx auritus</i>																			
<i>Heliomaster longirostris</i>																			
<i>Trogon viridis</i>																			
<i>Trogon violaceus</i>																			
<i>Trogon rufus</i>																			
<i>Trogon melanurus</i>																			
<i>Ceryle torquatus</i>																			
<i>Chloroceryle amazona</i>																			
<i>Chloroceryle americana</i>																			
<i>Momotus momota momota</i>																			
<i>Brachygalba lugubris</i>																			
<i>Galbula cyanicollis</i>																			
<i>Galbula ruficauda rufoviridis</i>																			
<i>Jacamerops aureus</i>																			
<i>Notharchus macrorhynchus</i>																			
<i>Notharchus tectus</i>																			
<i>Bucco capensis</i>																			
<i>Nystalus striolatus</i>																			
<i>Nystalus chacuru</i>																			
<i>Nystalus maculatus</i>																			
<i>Monasa nigrifrons</i>																			
<i>Monasa morphoeus</i>																			
<i>Chelidoptera tenebrosa</i>																			

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<b>RAMPHASTIDAE (TOUCANS)</b>																			
Lettered Araçari		1					X	U					U					U	
Red-necked Araçari		U	X				U												
Black-necked Araçari		U			U	U	U	FC	U	U	U	U	U		U				
Gould's Toucanet				1								L							
-Channel-billed Toucan			SP		U	U	U	U	U	U	U			U	U	U			
Toco Toucan	1																U		1
White-throated Toucan	U											U					U		X
<b>PICIDAE (WOODPECKERS)</b>																			
Bar-breasted Piculet				H		1	1	U			H	U	X	X					
White-wedged Piculet																	3		1
Yellow-tufted Woodpecker							4							X	X		1	1	
Little Woodpecker																		1	
Red-stained Woodpecker				1				U				1		X	X				
White-throated Woodpecker										1									
Yellow-throated Woodpecker				U	U	U	H			1			U	1					
Golden-green Woodpecker		2								U	1					X			
-Campo Flicker																			
Cream-colored Woodpecker	1	2																	1
Ringed Woodpecker				H															
Lineated Woodpecker									1			1							1
Crimson-crested Woodpecker				1	1	3	1							1	X				
<b>DENDROCOLAPTIDAE (WOODCREEPERS)</b>																			
Plain-brown Woodcreeper				1									1						
-White-chinned (Blue-eyed) Woodcreeper						1													
Long-tailed Woodcreeper									1						1				
Spot-throated Woodcreeper				1		1					1								
Olivaceous Woodcreeper							H		1		U	U		U	U				1
Wedge-billed Woodcreeper	1						1							1			1		
-Cinnamon-throated Woodcreeper										H									
Brigida's Woodcreeper							1							1					
-Amazonian Barred-Woodcreeper							H								1?				
-Black-banded Woodcreeper												1							
Straight-billed Woodcreeper	1			1															1
-Spix's Woodcreeper				1															
-Buff-throated [Dusky-billed] Woodcreeper				1		1					1	1			U				
Narrow-billed Woodcreeper																			1
Lineated Woodcreeper							U	U					U	U	U	U			
Curve-billed Scythebill													1		1				
<b>FURNARIIDAE (OVENBIRDS)</b>																			
-Pale-legged Hornero																		2	U
Sooty-fronted Spinetail							U		U										U
Pale-breasted Spinetail																		2	U
Ruddy Spinetail													2						
Araguaia Spinetail																		2	
Undescribed Spinetail																		5	
Yellow-throated Spinetail																H			
<i>Pteroglossus inscriptus</i>																			
<i>Pteroglossus bitorquatus</i>																			
<i>Pteroglossus aracari</i>																			
<i>Selenidera gouldii</i>																			
<i>Ramphastos vitellinus vitellinus</i>																			
<i>Ramphastos toco</i>																			
<i>Ramphastos tucanus</i>																			
<i>Picumnus aurifrons</i>																			
<i>Picumnus albosquamatus</i>																			
<i>Melanerpes cruentatus</i>																			
<i>Veniliornis passerinus</i>																			
<i>Veniliornis affinis</i>																			
<i>Piculus leucolaemus</i>																			
<i>Piculus flavigula</i>																			
<i>Piculus chryschloros</i>																			
<i>Colaptes campestris campestris</i>																			
<i>Celeus flavus</i>																			
<i>Celeus torquatus</i>																			
<i>Dryocopus lineatus</i>																			
<i>Campephilus melanoleucos</i>																			
<i>Dendrocincla fuliginosa rufoolivacea</i>																			
<i>Dendrocincla merula castanoptera</i>																			
<i>Deconychura longicauda</i>																			
<i>Deconychura stictolaema</i>																			
<i>Sittasomus griseicapillus</i>																			
<i>Glyphorhynchus spirurus</i>																			
<i>Dendrexetastes rufigula 'paraensis'</i>																			
<i>Hylexetastes brigidai</i>																			
<i>Dendrocolaptes certhia 'concolor'</i>																			
<i>Dendrocolaptes picumnus picumnus</i>																			
<i>Xiphorhynchus picus</i>																			
<i>Xiphorhynchus spixii spixii</i>																			
<i>Xiphorhynchus guttatus eytoni</i>																			
<i>Lepidocolaptes angustirostris</i>																			
<i>Lepidocolaptes albolineatus</i>																			
<i>Campylorhamphus procurvoides</i>																			
<i>Furnarius leucopus leucopus</i>																			
<i>Synallaxis frontalis</i>																			
<i>Synallaxis albescens</i>																			
<i>Synallaxis rutilans</i>																			
<i>Synallaxis simoni</i>																			
<i>Certhiaxis Sp Nom</i>																			
<i>Certhiaxis cinnamomeus</i>																			

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Point-tailed Palmcreeper												1							
Peruvian Recurvebill															H				
Rufous-tailed Foliage-gleaner															1				
-Rufous-rumped Foliage-gleaner															1				
Cinnamon-rumped Foliage-gleaner															1				
Pará Foliage-gleaner					1		1					2	U	1	U				
Slender-billed Xenops														1					
Plain Xenops								1	1			1							
<b>THAMNOPHILIDAE (ANTBIRDS)</b>																			
Fasciated Antshrike								U		1	1			1	1	1			
Great Antshrike		1									1				H				
Glossy Antshrike																	2	FC	U
Barred Antshrike												2 S					1	U	
Blackish-gray Antshrike					H									H	H				
-White-shouldered Antshrike														1 F	1 S				
Plain-winged Antshrike									U						1				
Natterer's Slaty-Antshrike			4	H		H	U	1	U	U	U	U	U	U	U	H			
Planalto Slaty-Antshrike																	U	U	
Rufous-winged Antshrike								1											
Cinereous Antshrike						H	U		1	X	X	X	1						
Spot-winged Antshrike												1							
White-eyed Antwren							H												
-Ornate Antwren		2			U		X		1				X	1	1				
-Pygmy Antwren			U				U			U	X								
Plain-throated Antwren					1		X			H									
White-flanked Antwren	2			2	U	U			X			X		1 NB	1				
-Long-winged Antwren					U		U			U	X	X	X	X	X				
Gray Antwren						1	U			U	U	X	X	X	X				
Large-billed Antwren																		LH	
Rufous-winged Antwren									1	H	H					H			
-Dot-winged [Emilia's] Antwren			H																
White-fringed Antwren								1									1		
Black-bellied Antwren																		2	
-Gray Antbird					U	H	H	H	H	FCH	FCH	H	FCH	H					
Willis's Antbird		H																	
Blackish Antbird																	2		
Bananal Antbird																		U	
-White-backed Fire-eye		6											L						
White-browed Antbird									5								1		
Black-faced Antbird		2		1	U	U	U	H		H	FCH	X	H		X	H			
-Warbling Antbird				H		H				H	X	X	H						
Band-tailed Antbird																		2	
Silvered Antbird					1							LH				X			
Spot-winged Antbird														L					
Spot-backed Antbird																	1		
-Black-spotted Bare-eye		2																	
<i>Berlepschia rikeri</i>																			
<i>Simoxenops ucayalae</i>																			
<i>Philydor ruficaudatum</i>																			
<i>Philydor erythrocerum 'lira'</i>																			
<i>Philydor pyrrodes</i>																			
<i>Automolus paraensis</i>																			
<i>Xenops tenuirostris</i>																			
<i>Xenops minutus</i>																			
<i>Cymbilaimus lineatus</i>																			
<i>Taraba major</i>																			
<i>Sakesphorus luctuosus</i>																			
<i>Thamnophilus doliatus</i>																			
<i>Thamnophilus nigrocinereus</i>																			
<i>Thamnophilus aethiops 'atriceps'</i>																			
<i>Thamnophilus schistaceus</i>																			
<i>Thamnophilus stictocephalus</i>																			
<i>Thamnophilus pelzelni</i>																			
<i>Thamnophilus torquatus</i>																			
<i>Thamnomanes caesius</i>																			
<i>Pygiptila stellaris</i>																			
<i>Myrmotherula leucophthalma</i>																			
<i>Myrmotherula ornata hoffmansii</i>																			
<i>Myrmotherula brachyura brachyura</i>																			
<i>Myrmotherula hauxwelli</i>																			
<i>Myrmotherula axillaris</i>																			
<i>Myrmotherula longipennis longipennis</i>																			
<i>Myrmotherula menetriesii</i>																			
<i>Herpsilochmus longirostris</i>																			
<i>Herpsilochmus rufimarginatus 'frater'</i>																			
<i>Microrhopias quixensis emiliae</i>																			
<i>Fornicivora grisea</i>																			
<i>Fornicivora melanogaster</i>																			
<i>Cercomacra cinerascens sclateri</i>																			
<i>Cercomacra laeta</i>																			
<i>Cercomacra nigrescens</i>																			
<i>Cercomacra ferdinandi</i>																			
<i>Pyriglena leuconota leuconota</i>																			
<i>Myrmoborus leucophrys</i>																			
<i>Myrmoborus myotherinus</i>																			
<i>Hypocnemis cantator cantator</i>																			
<i>Hypocnemoides maculicauda</i>																			
<i>Sclateria naevia</i>																			
<i>Schistocichla leucostigma</i>																			
<i>Hylophylax naevius</i>																			
<i>Phlegopsis nigromaculata 'confinis'</i>																			

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<b>FORMICARIIDAE (ANTPITTAS)</b>																			
Rufous-capped Anthrush				H	H														
Black-faced Anthrush							H	1	H	FCH	FCH	H	H	H	H				
Variigated Antpitta				H							H								
-Spotted Antpitta											H		H						
Amazonian Antpitta											H	H		H					
<b>CONOPOPHAGIDAE (GNATEATERS)</b>																			
Chestnut-belted Gnateater					1S+H														
Hooded Gnateater													LH						
Black-bellied Gnateater			H		1S+H	H						1							
<b>TYRANNIDAE (TYRANT FLYCATCHERS)</b>																			
Planalto Tyrannulet																			
Forest Elaenia									1										
Gray Elaenia												1							
Yellow-bellied Elaenia																			2
Plain-crested Elaenia							1	1							H				
Lesser Elaenia												1							2
Southern Beardless-Tyrannulet			1	1									H						
Yellow Tyrannulet																			
Slender-footed Tyrannulet																			
Ochre-bellied Flycatcher																			
McConnell's Flycatcher												1							
Campo Suiriri																			1
Amazonian Tyrannulet																			4
Short-tailed Pygmy-tyrant							1		1										
Helmeted Pygmy-tyrant	1					1	1			1	H	H							
Sneathlage's Tody-tyrant				H	H	1S+H	H	H	H	UH	H	1	U	H					
White-bellied Tody-tyrant					1									H	1				
-Pearly-vented Tody-tyrant								H	1						H				
Zimmer's Tody-tyrant												1	1						
-Black-and-white Tody-tyrant																1s			
Black-chested Tyrant														L	H	2S			
Spotted Tody-flycatcher	1																H	1	U
Common Tody-flycatcher									2										U
Yellow-browed Tody-flycatcher						L													
Yellow-olive Flycatcher					1							1							
Yellow-margined Flycatcher			1	1							1	1							
Gray-crowned Flycatcher				1															
Golden-crowned Spadebill												1BH							
-Amazonian Royal-flycatcher																			
-Whiskered [Sulphur-rumped] Flycatcher							1									1			
Cliff Flycatcher			U	U	U		1			X	1	X		X	X				
Fuscous Flycatcher											L	H							
-Tropical Pewee					2					X	X								
Blackish Pewee						1					1								
Gray Monjita																		1	
White-rumped Monjita																		1	U

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White-headed Marsh-tyrant						1	1		1	X	X	1			1				
Long-tailed Tyrant						U													
Piratic Flycatcher				1															
Rusty-margined Flycatcher									1			X					U	X	X
Social Flycatcher		U		1	U	U	U	U			X							FC	X
Dusky-chested Flycatcher											X	X			X				
Great Kiskadee	FC	U		U	U	U	U		U	H	H	X				X	U	FC	X
Three-striped Flycatcher				1	U														
Streaked Flycatcher		1		U	U	U	U	U			X	X		X					
Boat-billed Flycatcher				1			1		H		U	X	1	X				X	
Variegated Flycatcher				1				U	FC	FC	FC			X				X	
Crowned Slaty Flycatcher								1											
Tropical Kingbird	FC	U	C	C	C	FC	U	FC	FC	U	FC	X	X	FC	A	A	X	A	
Fork-tailed Flycatcher																	FC	U	U
Grayish Mourner				1		1	1	1		1		X	1	1	U				
Sirystes													1		H				
Rufous Casiornis											L								
-Dusky-capped Flycatcher				U	U	H	H	U	U			X							
...Pelzelns' Flycatcher												1						X	U
Short-crested Flycatcher									H	X	X	X					1		
-Brown-crested Flycatcher																			1
Cinnamon Attila						1			H		H		1			X			
Dull-capped [White-eyed] Attila							1												
Bright-rumped Attila		H														H			
<b>COTINGIDAE (COTINGAS)</b>																			
Black-crowned Tityra							U					U			X				
Black-tailed Tityra						1			X	X	U		U	X					
Masked Tityra	1			1		U	U								X			X	
Thrush-like Schiffornis				1															
White-browed Purpletuff					1				3	2	2	2							
White-naped Xenopsaris																1		1s	
-Green-backed Becard																			
Chestnut-crowned Becard								1		1	2				X				
White-winged Becard														X					
Black-capped Becard										2									
Sharpbill									1	1									
Purple-breasted Cotinga					2								1						
Spangled Cotinga					1	1				U	1F			1					
White Bellbird				H	H	H	1S+H	H	1S+H			H	H	H					
Screaming Piha			H	U	U	FC	FC	FC	FC	FC	FC	FC	FC	FC	FC	H			
White-tailed Cotinga							3	4	1										
Bare-necked Fruitcrow																		X	
Purple-throated Fruitcrow		H							3	U		FC							
<b>PIPRIDAE (MANAKINS)</b>																			
Dwarf Tyrant-Manakin						U													
Blue-backed Manakin						H				1	U	X		H	H				
Crimson-hooded Manakin								1											
Red-headed Manakin						U	H		U	U	U	X	X						
<i>Arundinicola leucocephala</i>																			
<i>Colonia colonus</i>																			
<i>Legatus leucophaeus</i>																			
<i>Myiozetetes cayanensis</i>																			
<i>Myiozetetes similis</i>																			
<i>Myiozetetes luteiventris</i>																			
<i>Pitangus sulphuratus</i>																			
<i>Conopias trivirgatus</i>																			
<i>Myiodynastes maculatus</i>																			
<i>Megarynchus pitangua</i>																			
<i>Empidonomus varius</i>																			
<i>Empidonomus aurantioatrocristatus</i>																			
<i>Tyrannus melancholicus</i>																			
<i>Tyrannus savana</i>																			
<i>Rhytipterna simplex</i>																			
<i>Sirystes sibilator</i>																			
<i>Casiornis rufus</i>																			
<i>Myiarchus tuberculifer tuberculifer</i>																			
<i>Myiarchus swainsoni 'pelzelni'</i>																			
<i>Myiarchus ferox</i>																			
<i>Myiarchus tyrannulus tyrannulus</i>																			
<i>Attila cinnamomeus</i>																			
<i>Attila bolivianus</i>																			
<i>Attila spadiceus</i>																			
<i>Tityra inquisitor</i>																			
<i>Tityra cayana</i>																			
<i>Tityra semifasciata</i>																			
<i>Schiffornis turdina</i>																			
<i>Iodopleura isabellae</i>																			
<i>Xenopsaris albinucha</i>																			
<i>Pachyramphus viridis 'griseigularis'</i>																			
<i>Pachyramphus castaneus</i>																			
<i>Pachyramphus polychopterus</i>																			
<i>Pachyramphus marginatus</i>																			
<i>Oxyruncus cristatus</i>																			
<i>Cotinga cotinga</i>																			
<i>Cotinga cayana</i>																			
<i>Procnias albus</i>																			
<i>Lipaugus vociferans</i>																			
<i>Xipholena lamellipennis</i>																			
<i>Gymnoderus foetidus</i>																			
<i>Querula purpurata</i>																			
<i>Tyrannetes stolzmanni</i>																			
<i>Chiroxiphia pareola</i>																			
<i>Pipra aureola</i>																			
<i>Pipra rubrocapilla</i>																			

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<b>INCERTAE SEDIS</b>																				
Wing-barred Piprites						H		1			1									<i>Piprites chloris</i>
<b>VIREONIDAE (VIREOS)</b>																				
Rufous-browed Peppershrike	H	H															FC	X		<i>Cyclarhis gujanensis</i>
Slaty-capped Shrike-Vireo							1													<i>Vireolanius leucotis</i>
-Red-eyed [Chivi] Vireo																				<i>Vireo olivaceus chivi</i>
Gray-chested Greenlet																				<i>Hylophilus semicinereus</i>
Ashy-headed Greenlet																				<i>Hylophilus pectoralis</i>
-Dusky-capped [Amazon] Greenlet	1																			<i>Hylophilus hypoxanthus inornatus</i>
-Tawny-crowned Greenlet																				<i>Hylophilus ochraceiceps rubrifrons</i>
<b>CORVIDAE (JAYS)</b>																				
Curl-crested Jay																				<i>Cyanocorax cristatellus</i>
<b>HIRUNDINIDAE (SWALLOWS)</b>																				
White-winged Swallow	U	U																		<i>Tachycineta albiventer</i>
White-rumped Swallow																				<i>Tachycineta leucorrhoa</i>
Brown-chested Martin																				<i>Progne tapera</i>
Gray-breasted Martin	U																			<i>Progne chalybea</i>
White-banded Swallow																				<i>Atticora fasciata</i>
White-thighed Swallow																				<i>Neochelidon tibialis</i>
Southern Rough-winged Swallow																				<i>Stelgidopteryx ruficollis</i>
-Barn Swallow																				<i>Hirundo rustica erythrogaster</i>
<b>TROGLODYTIDAE (WRENS)</b>																				
Thrush-like Wren																				<i>Campylorhynchus turdinus</i>
Moustached Wren																				<i>Thryothorus genibarbis</i>
Coraya Wren																				<i>Thryothorus coraya</i>
Buff-breasted Wren																				<i>Thryothorus leucotis</i>
-[Southern] House-wren	1																			<i>Troglodytes aedon musculus</i>
-Southern Nightingale-wren																				<i>Microcerculus marginatus marginatus</i>
Black-capped Donacobius																				<i>Donacobius atricapilla</i>
<b>POLIOPTILIDAE (GNATCATCHERS)</b>																				
-Long-billed [Black-tailed] Gnatwren																				<i>Ramphocaenus melanurus 'melanurus'</i>
Tropical Gnatcatcher																				<i>Polioptila plumbea</i>
Guianan Gnatcatcher																				<i>Polioptila guianensis</i>
-Masked Gnatcatcher																				<i>Polioptila dumicola berlepschi</i>
<b>TURDIDAE (THRUSHES)</b>																				
Pale-breasted Thrush	U																			<i>Turdus leucomelas</i>
Creamy-bellied Thrush																				<i>Turdus amaurochalinus</i>
Cocoa Thrush																				<i>Turdus fumigatus</i>
<b>MIMIDAE (MOCKINGBIRDS)</b>																				
Chalk-browed Mockingbird																				<i>Mimus saturninus</i>
<b>COEREBIDAE (BANANAQUIT)</b>																				
-[Common] Bananaquit	U	H																		<i>Coereba flaveola 'flaveola'</i>

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THRAUPIDAE (TANAGERS)

- Black-faced Tanager
- Magpie Tanager
- Red-billed Pied Tanager
- Orange-headed Tanager
- White-rumped Tanager
- Gray-headed Tanager
- Flame-crested [Natterer's] Tanager
- White-shouldered Tanager
- White-lined Tanager
- White-winged Shrike-tanager
- Silver-beaked Tanager
- Blue-gray Tanager
- Palm Tanager
- Spotted Tanager
- Bay-headed Tanager
- Burnished-buff [Ochre] Tanager
- Blue-necked Tanager
- Masked Tanager
- Swallow Tanager
- Black-faced Dacnis
- Blue Dacnis
- Purple Honeycreeper
- Red-legged Honeycreeper
- Green Honeycreeper
- Guira Tanager
- Chestnut-vented Conebill

EMBERIZIDAE (SPARROWS)

- Rufous-collared Sparrow
- Grassland Sparrow
- Saffron Finch
- Blue-black Grassquit
- Slate-colored Seedeater
- Plumbeous Seedeater
- Yellow-bellied Seedeater
- White-bellied Seedeater
- Pectoral Sparrow
- Red-capped Cardinal
- Undescribed Cardinal

CARDINALIDAE (CARDINAL GROSBEAKS)

- Slate-colored Grosbeak
- Buff-throated Saltator
- ...'Grayish' Saltator
- Black-throated Saltator
- Blue-black Grosbeak

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Black-faced Tanager	1						3	2						X				1	U
Magpie Tanager			U	U	U	U				U	FC	FC	X						
Red-billed Pied Tanager				2			1			4	U		X						
Orange-headed Tanager																		U	
White-rumped Tanager																			U
-Gray-headed Tanager												U			X	U			
Flame-crested [Natterer's] Tanager			U			1	U	U		U	FC			X	X	U			
White-shouldered Tanager			FC	U	U				X	U	U	FC	X	X	U				
White-lined Tanager			U							1		X	X	X			X	U	
White-winged Shrike-tanager										1	4								
Silver-beaked Tanager	U	U			U	U	1					X					X	FC	FC
Blue-gray Tanager	FC	U			U	U	1	U	U	X	U	U	X						
Palm Tanager	U	U			U	U	1	U	U	X	U	U	X	X	X	X	X	X	X
Spotted Tanager					1	2			1	1			U	X	X				
Bay-headed Tanager							1						1	X					
-Burnished-buff [Ochre] Tanager																			1
Blue-necked Tanager																	1		
Masked Tanager										3									
Swallow Tanager															2				
Black-faced Dacnis							1												
Blue Dacnis				1	X			U	U	X	U			X					X
Purple Honeycreeper	2	3													X				
Red-legged Honeycreeper	1																		
Green Honeycreeper													1						
Guira Tanager				1	U			U		U	FC		FC	X	U				
Chestnut-vented Conebill												1	1	1				1	
Rufous-collared Sparrow			X	X	X	X	X	X	X	X	H	X	X	X	X	X			X
Grassland Sparrow																		U	FC
Saffron Finch																		2L	2
Blue-black Grassquit	H				X		X		X	X	X						X	FC	FC
Slate-colored Seedeater				2 NB	U											H			
Plumbeous Seedeater																		U	X
Yellow-bellied Seedeater				2	X	X		X	X	X			X	X	X				
White-bellied Seedeater																		U	
-Pectoral Sparrow															X				
-Red-capped Cardinal																X			
-Undescribed Cardinal																		2	1
Slate-colored Grosbeak							1					1	U						
Buff-throated Saltator	1	1							1										
...'Grayish' Saltator							1												
Black-throated Saltator																			4
Blue-black Grosbeak																X			

- Schistochlamys melanopis*
- Cissopis leverianus*
- Lamprospiza melanoleuca*
- Thlypopsis sordida*
- Cypsnagra hirundinacea*
- Eucometis penicillata penicillata*
- Tachyphonus cristatus nattereri*
- Tachyphonus luctuosus*
- Tachyphonus rufus*
- Lanio versicolor*
- Ramphocelus carbo*
- Thraupis episcopus*
- Thraupis palmarum*
- Tangara punctata*
- Tangara gyrola*
- Tangara cayana flava*
- Tangara cyanicollis*
- Tangara nigrocincta*
- Tersina viridis*
- Dacnis lineata*
- Dacnis cayana*
- Cyanerpes caeruleus*
- Cyanerpes cyaneus*
- Chlorophanes spiza*
- Hemithraupis guira*
- Coinirostrum speciosum*
- Zonotrichia capensis*
- Ammodramus humeralis*
- Sicalis flaveola*
- Volatinia jacarina*
- Sporophila schistacea*
- Sporophila plumbea*
- Sporophila nigricollis*
- Sporophila leucoptera*
- Arremon taciturnus taciturnus*
- Paroaria gularis gularis*
- Paroaria sp nom*
- Saltator grossus*
- Saltator maximus*
- Saltator coeruleus 'coeruleus'*
- Saltator atricollis*
- Cyanocompsa cyanoides*

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<b>PARULIDAE (WOOD-WARBLERS)</b>																				
-Golden-crowned Warbler																				<i>Basileuterus culicivorus 'auricapillus'</i>
Flavescent Warbler							H	10						H						<i>Basileuterus flaveolus</i>
Riverbank Warbler					1					1		1								<i>Phaeothlypis rivularis</i>
Rose-breasted Chat									4		2		2	2						<i>Granatellus pelzelni</i>
<b>ICTERIDAE (BLACKBIRDS)</b>																				
Crested Oropendola		X	X	1	1	U	1		U	U	U	U	U	X			U	X		<i>Psarocolius decumanus</i>
Solitary Cacique		2															X	U	1	<i>Cacicus solitarius</i>
-Yellow-rumped Cacique	1	U	X	H	1	1		1	X			U	FC	FC	X	X	U	X	U	<i>Cacicus cela cela</i>
Red-rumped Cacique		1					U	1		U				U						<i>Cacicus haemorrhous</i>
-Campo Oriole																			1	<i>Icterus jamaicaeii jamaicaeii</i>
...'Epaulet' Oriole				1							U						1			<i>Icterus cayanensis 'cayanensis'</i>
Chopi Blackbird																X	X	X		<i>Gnorimopsar chopi</i>
Chestnut-capped Blackbird																1				<i>Chrysomus ruficapillus</i>
Yellow-rumped Marshbird			1			1												X		<i>Pseudoleistes guirahuro</i>
Giant Cowbird																		X		<i>Molothrus oryzivorus</i>
Shiny Cowbird				X	1	1	X	X				X			X	X			A	<i>Molothrus bonariensis</i>
Red-breasted Blackbird	U			U					1										X	<i>Sturnella militaris</i>
<b>Euphoniinae</b>																				
Purple-throated Euphonia								1						1					1	<i>Euphonia chlorotica</i>
Violaceous Euphonia						1	1		1									X		<i>Euphonia violacea</i>
Golden-rumped Euphonia																				<i>Euphonia cyanocephala</i>
White-vented Euphonia			1								1									<i>Euphonia minuta</i>
Orange-bellied Euphonia						1														<i>Euphonia xanthogaster</i>
Rufous-bellied Euphonia											1									<i>Euphonia rufiventris</i>
<b>PASSERIDAE (OLD WORLD SPARROWS)</b>																				
House Sparrow		X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	<i>Passer domesticus</i>

## Taxonomic Notes

The following represents a list of taxonomic comments and notes, but is not designed to be a comprehensive guide to the species we encountered; it is necessarily selective. Further details can be found in cited references and on the South American Checklist Committee (of AOU) website.

**Yellow-throated Woodpecker:** Birds in Carajás appear to be intergrades between the races *magnus* and nominate *flavigula*, as the throat is certainly not yellow! It appears probable that nominate/*magnus* represent a species apart from *erythropis* of the Atlantic Forest (see Winkler & Christie, *HBW*, vol. 7).

**Brown Jacamar:** We encountered the race *melanosterna* in Tocantins, which (together with race *naumburgi*) has been treated as a separate species in the past, and as noted by Tobias *et al.* (*HBW*, vol. 7) may merit this treatment again, but such a move requires more detailed analysis of all forms within the complex than has thus been possible/attempted.

**White-necked Puffbird:** Published support for the long-realised profound differences between Amazonian birds and those in the Atlantic Forest has recently become available (Collar & Rasmussen, *HBW*, vol. 7; Alvarenga *et al.*, *Ararajuba* 10: 73–77); the latter form, *swainsoni*, usually takes the English name, Buff-bellied Puffbird.

**Spot-backed Puffbird:** Cardoso da Silva (*Ararajuba* 2: 75–79) proposed that the two forms (*maculatus* and *striatipectus*) be afforded species status. The former, which we saw, is a principally campo form and the latter a Chaco taxon. However, such a diagnosis has accrued little support, although a very close biogeographical pattern is shown by a number of other taxa that have recently been recognised as species.

**White-tailed and Violaceous Trogons:** Ridgely & Greenfield (*The birds of Ecuador*), supported by Hilty (*Birds of Venezuela*) opined that birds, of both species, east of the Andes should be separated specifically from those west of the Andes; those taxa we encountered were called, by these authors: Amazonian White-tailed Trogon *T. viridis* and Amazonian Violaceous Trogon *T. violaceus*.

**Painted (Hellmayr's) Parakeet:** One of the results of Leo Joseph's (*Orn. Neotrop.* 13: 337–363) ongoing work on *Pyrrhura* parakeets is the suggestion that we recognise six taxa at species level within *P. picta*; that we saw, *amazonum* (Hellmayr's Parakeet) is confined to eastern Amazonian Brazil. However, not all of those experienced with this group consider that the matter is closed, so watch for further developments concerning this group.

**Ashy-tailed (Sick's) Swift:** It has recently been suggested (Marin, *Orn. Monogr.* 48) that the two races of Ashy-tailed Swift be considered as two different species: (1) the austral migrant (which we saw), becomes *Chaetura meridionalis*, Sick's Swift; and (2) nominate *andrei* breeding in northern Venezuela becomes a race of Vaux's Swift *C. vauxi*. This proposal has gained broad acceptance.

**Cinnamon-throated Hermit:** The race *maranhaoensis*, which was dismissed by Schuchmann *et al.* (*HBW*, vol. 5), is perhaps valid and may even represent a separate species. Work is ongoing on this interesting and rather uncommon form, which has been discovered at a number of new localities in recent years. Unfortunately, only your leader saw the one individual we encountered, in northern Tocantins.

**Cryptic Forest-falcon:** This exciting but, as we discovered, not-easy-to-see species, was only recently described (Whittaker, *Wilson Bull.* 114: 421–445). Surprisingly, it has proven to be rather widespread in Amazonian Brazil (and, perhaps only formerly, in the eastern Atlantic Forest), and even reaches to Bolivia.

**White-bellied Tody-tyrant:** Ridgely & Tudor (*The birds of South America*, vol. 2) noted some of the differences between *griseipectus* and White-eyed Tody-tyrant *H. zosterops*, and this split has since been well supported in the literature (see, e.g. Cohn Haft *et al.* *Orn. Monogr.* 48, and Ridgely & Greenfield, *The birds of Ecuador*).

## ORNIFOLKS IN CARAJÁS

**Amazonian Royal-flycatcher:** The dramatic royal-flycatcher group (of which we enjoyed a super dessert, following a main course of Black-chested Tyrant) represents a genuine taxonomic headache: one species or four. The latter number is being increasingly accepted as the 'true' figure in the literature, but a detailed scientific paper providing rationale for such a split has yet to appear.

**Sharpbill:** One to watch: songs of Amazonian and Atlantic Forest birds differ quite markedly, and are likely to be recognised as separate species, at least by some authors.

**Natterer's and Planalto Slaty-antshrike:** In one of the most dramatic splits in recent years, Isler *et al.* (*Orn. Monogr.* 48) advocated that Eastern Slaty-antshrike be treated as five species. We met with two of these: Natterer's (frequently) in Carajás and then Planalto (a slight range extension) in Tocantins.

**White-fringed Antwren:** Isler & Zimmer (*HBW*, vol. 8) noted that several races in this complex may warrant upgrading to specific status, given strong differences in vocalisations and female plumages, but no comprehensive analysis has yet been undertaken. Nonetheless, Hilty (*Birds of Venezuela*) elected to split *intermedia* (Northern White-fringed Antwren) from *grisea* (Southern White-fringed Antwren), the latter being the same taxon that we encountered.

**Dot-winged Antwren:** We only heard this bird. The race involved, *emiliae*, is frequently touted as worthy of specific status, but as noted by Isler & Zimmer (*HBW*, vol. 8) a comprehensive revision of this species' taxonomy, analysing all populations, may actually reveal the presence of several different species, thus it is premature to merely examine *emiliae* in isolation.

**Rufous-winged Antwren:** Another of those 'birds to watch'. On the evidence of recordings from across the range (see e.g. Isler & Whitney, *Songs of the antbirds*), two, perhaps even three different species could be involved.

**Araguaia Spinetail:** Subsumed within White-lored Spinetail *S. albilora* by many authorities (e.g. Van Remsen, *HBW*, vol. 8, who incorrectly stated its range), this *simoni* is rather distinct from *albilora*, as photographs in *Cotinga* 18 demonstrated. It is increasingly recognised as a species, perhaps unsurprisingly, particularly by those familiar with it in life!

**Pará Foliage-gleaner:** Zimmer (*Wilson Bull.* 114: 20–37) recommended recognition of two species within Olive-backed Foliage-gleaner, and we enjoyed frequent exposure to *paraensis*. If following the Phylogenetic Species Concept, it might be possible to recognise two additional taxa specifically within this complex.

**Strong-billed Woodcreeper:** Working under the Phylogenetic Species Concept, Cardoso da Silva *et al.* (*Bull. BOC* 122: 185–194) recommended the recognition of a new form, *carajaensis* (described from Carajás), but failed to provide a recommended alpha taxonomy for the entire *promeiropiynchus* group. Thus, currently, it is unclear whether *carajaensis* really warrants recognition or not.

**Brigida's Woodcreeper:** It has been suggested (Marantz *et al.*, *HBW*, vol. 8) that this only recently (1995) described species (which we encountered on a couple of occasions) represents merely a race of Red-billed Woodcreeper (along with Uniform Woodcreeper), but it seems unlikely that such a view will gain widespread acceptance.

**Straight-billed Woodcreeper:** Ongoing work (Raposo *et al.* in prep.) will advocate recognition of four species within this complex and name a new genus for it and closely related species, so watch this space...

**Spix's Woodcreeper:** Raposo & Höfling (*Cotinga* 20: 72–80) advocated recognition of three species within this complex: we encountered (nominate) *spixii*, which would, of course, retain the well-known English name. Their results were partially supported by those of Aleixo (*Auk* 119: 621–639), who studied a much broader range of woodcreeper taxa.

## ORNIFOLKS IN CARAJÁS

**Buff-throated Woodcreeper:** This complex represents a real challenge to ornithologists, as several species may be involved. Molecular data, garnered by Aleixo (*Auk* 119: 621–639), support recognition of a clade involving *eytoni* (which we frequently encountered) and *guttatoides* (of Western Amazonia), separate from other taxa within the currently recognised group. An alpha taxonomy of the group, currently in preparation (Raposo *et al.*), will recommend recognition of five species within this group.

**Variigated Antpitta:** Those birds we heard (but failed to see) belong to the *varia* group (of Amazonia), which is rather well distinguished morphologically, and well separated geographically, from the *imperator* group of the Atlantic Forest. Two species could be involved (as noted by Ridgely & Tudor, *The birds of South America*, vol. 2. and Krabbe & Schulenberg, *HBW*, vol. 8), but there seems to be very little vocal differentiation between the two groups.

**Chestnut-belted Gnateater:** Whitney (*HBW*, vol. 8) drew attention to the complex, but easily appreciated, variation present within this widespread species (and well illustrated in the same work): the form that we encountered, *snehlageae* (including *pallida*) may prove to be one of several species that should be recognised within this complex.

**Campo Troupial:** Jaramillo & Burke (*The New World blackbirds*) presented strong evidence for recognising three species within Troupial, with (n nominate) *jamacaii* (the form we encountered in northern Tocantins) being endemic to Brazil.

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