

PERU:
MANU BIOSPHERE RESERVE
CLOUD FOREST, FOOTHILLS
AND LOWLAND RAINFOREST
SEPTEMBER 25–OCTOBER 7, 2012



Green-winged Macaw © Steve Hilty

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TOUR REPORT
PERU: THE MANU BIOSPHERE RESERVE REGION
INCLUDING THE HIGH ANDES, COCK-OF-THE ROCK LODGE,
HACIENDA AMAZONIA & MANU WILDLIFE CENTER
September 25–October 7, 2012

By Steve Hilty

The Manu National Park and surrounding biosphere reserve remain one of the most pristine tropical wilderness regions in the world. Through an accident of geography (rapids and a remote ridge separating two watersheds) the Manu region has been largely shielded from early rubber tapping and other forms of exploitation. Although first visited by the Spaniards nearly 450 years ago, the area was then largely spared exploitation and intervention until very recently. More changes from tourism, downriver gold mining, and population increases have occurred in the past three decades than in the region's entire previous history.

A quick examination of our bird list confirms that large game birds, parrots, macaws, primates, and river fauna thrive here. This is in sharp contrast to many areas in Amazonia, and especially in areas that are accessible to tourism. The Manu Wildlife Center can be reached from Cuzco in a day or two—but is millennia removed from it in regards to the exploitation that modern economic and technological changes bring.

On our first day we flew from Lima to Cuzco and drove across Peru's arid highlands, a picturesque landscape that has been occupied for at least two millennia. Following a chilly lunch at the park/biosphere reserve entrance at Tres Cruces, we then plunged directly downslope into one of the world's most diverse avifaunas. By late afternoon we had descended through a dizzying array of switchbacks that ended at dusk at the quiet entrance to the Cock-of-the-Rock Lodge, situated on the eastern slope of the Andes in the midst of the cloud forest. A splendid start!

Tanager flocks, hummingbirds, gaudy cocks-of-the-rock, and even a quetzal in the cloud forest were soon replaced by antbirds, flycatchers, and an increasing number of parrots and macaws in the foothills and lowlands. Following a quiet and restful day at the Hacienda Amazonia, we began our downriver journey to the Manu Wildlife Center. With its impressive system of *várzea* and *terra firme* trails, ox-bow lakes, bamboo, two canopy viewing platforms, and river clay bank that attracts large numbers of parrots and macaws, this is one of the premier Amazonian lodge sites in South America. During our four days here we took advantage of all these sites and facilities—wandering trails, traveling by boat, climbing into canopy lookouts at dawn, and enjoying catamaran boat trips on ox-bow lakes. In the process we discovered a lot of wildlife and perhaps a lot about ourselves as well, especially during candlelit evenings and early mornings. The list of birds and mammals tells the story.

Our list contains all of the birds and mammals seen on the 2012 Manu trip, as well as a few herps. A list of key butterflies identified for the group by David Wolf is also included. We also looked at quite a few plants and almost anything else that showed signs of life.

Key:

*(asterisk) = species heard only

Species seen by only one observer are usually noted by initials: SH (Steve Hilty); DW (David Wolf); [species shown in blue](#) are rare or uncommon, difficult to see, or of interest for their numbers, or for other reasons. Elevations for some species provide additional distribution information

List of Birds: Includes all species from Cuzco through Pacuartambo and Tres Cruces to the Cock-of-the-rock Lodge, Hacienda Amazonia, Manu Wildlife Center and our last morning near Pto. Maldonado.

Tinamous	<i>Tinamidae</i>
Great Tinamou	<i>Tinamus major</i>
White-throated Tinamou	<i>Tinamus guttatus</i>
*Cinereous Tinamou	<i>Tinamous cinereus</i>
*Brown Tinamou	<i>Crypturellus obsoletus</i>
*Undulated Tinamou	<i>Crypturellus undulates</i>
*Black-capped Tinamou	<i>Crypturellus atrocapillus</i>
Variegated Tinamou	<i>Crypturellus variegatus</i>
Screamers	<i>Anhimidae</i>
Horned Screamer	<i>Anhima cornuta</i>
Ducks	<i>Anatidae</i>
Brazilian Teal	Amazonetta brasiliensis
Orinoco Goose	Neochen jubata
Muscovy Duck	<i>Cairina moschata</i>
Guans and Chachalacas	<i>Cracidae</i>
Speckled Chachalaca	<i>Ortalis guttata</i>
Andean Guan	<i>Penelope montagnii</i>
Spix's Guan	<i>Penelope jacquacu</i>
Blue-throated Piping-Guan	<i>Penelope cumanensis</i>
Razor-billed Curassow	Mitu tuberosum
New World Quails	<i>Odontophoridae</i>
*Starred Wood-Quail	<i>Odontophorus stellatus</i>
Grebes	<i>Podicipedidae</i>
Least Grebe	<i>Tachybaptus dominicus</i>
Storks	<i>Ciconidae</i>
Wood Stork	<i>Mycteria americana</i>
Cormorants	<i>Phalacrocoracidae</i>
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>
Anhinga	<i>Anhingidae</i>
Anhinga	<i>Anhinga anhinga</i>
Herons & Egrets	<i>Ardeidae</i>

Fasciated Tiger-Heron	<i>Tigrisoma fasciatum</i>
Rufescent Tiger-Heron	<i>Tigrisoma lineatum</i>
Cocoi Heron	<i>Ardea cocoi</i>
Great Egret	<i>Ardea alba</i>
Little Blue Heron	<i>Egretta caerulea</i>
Snowy Egret	<i>Egretta thula</i>
Cattle Egret	<i>Bulbulcus ibis</i>
Striated Heron	<i>Butorides striatus</i>
Capped Heron	<i>Pilherodius pileatus</i>
Ibises & Spoonbills	<i>Threskiornithidae</i>
Puna Ibis	<i>Plegadis ridgwayi</i>
Green Ibis	<i>Mesembrinibis cayennensis</i>
Roseate Spoonbill	<i>Platalea ajaja</i>
New World Vultures	<i>Cathartidae</i>
Black Vulture	<i>Coragyps atratus</i>
Turkey Vulture	<i>Cathartes aura</i>
Greater Yellow-headed Vulture	<i>Cathartes melambrotus</i>
King Vulture	<i>Sarcoramphus papa</i>
Osprey	<i>Pandionidae</i>
Osprey	<i>Pandion haliaetus</i>
Hawks & Kites etc	<i>Accipitridae</i>
White-tailed Kite	<i>Elanus leucurus</i>
Swallow-tailed Kite	<i>Elanoides forficatus</i>
Snail Kite	<i>Rostrhamus sociabilis</i>
Double-toothed Kite	<i>Harpagus bidentatus</i>
Plumbeous Kite	<i>Ictinia plumbea</i>
Black-collared Hawk	<i>Busarellus nigricollis</i>
Semicollared Hawk	<i>Accipiter collaris</i>
Slate-colored Hawk	<i>Leucopternis schistaceus</i>
Great Black-Hawk	<i>Buteogallus urubitinga</i>
Roadside Hawk	<i>Buteo magnirostris</i>
Black-and-chestnut Eagle	<i>Spizaetus isidori</i>
Falcons & Caracaras	
*Lined Forest-Falcon	<i>Micrastur ruficollis</i>
Black Caracara	<i>Daptrius ater</i>
Mountain Caracara	<i>Phalcoboenus megalopterus</i>
Southern (Crested) Caracara	<i>Caracara plancus</i>
Bat Falcon	<i>Falco ruficularis</i>
Sunbittern	<i>Eurypygidae</i>
Sunbittern	<i>Eurypyga helias</i>
Rails & Gallinules	<i>Rallidae</i>
*Rufous-sided Crake	<i>Laterallus melanophaius</i>
*Gray-breasted Crake	<i>Laterallus exilis</i>
Gray-necked Wood-Rail	<i>Aramides cajanea</i>

Purple Gallinule	<i>Porphyrio martinica</i>
Azure Gallinule	<i>Porphyrio martinica</i>
Common (Moorhen) Gallinule	<i>Gallinula chloropus</i>
Sungrebe & Finfoots	<i>Heliornithidae</i>
Sungrebe	<i>Heliornis fulica</i>
Limpkin	<i>Aramidae</i>
Limpkin	<i>Aramus guarauna</i>
Tumpeters	<i>Psophiidae</i>
Pale-winged Trumpeter	<i>Psophia leucoptera</i>
Plovers & Lapwings	<i>Charadriidae</i>
Pied Lapwing	<i>Vanellus cayanus</i>
Southern Lapwing	<i>Vanellus chilensis</i>
Collared Plover	<i>Charadrius collaris</i>
Jacanas	<i>Jacanidae</i>
Wattle Jacana	<i>Jacana jacana</i>
Sandpipers etc	<i>Scolopacidae</i>
Spotted Sandpiper	<i>Actitis macularius</i>
Solitary Sandpiper	<i>Tringa solitaria</i>
Greater Yellowlegs	<i>Tringa melanoleuca</i>
Lesser Yellowlegs	<i>Tringa flavipes</i>
Pectoral Sandpiper	<i>Calidris melanotos</i>
Gulls & Terns	<i>Laridae</i>
Andean Gull	<i>Chroicocephalus serranus</i>
Yellow-billed Tern	<i>Sterna superciliaris</i>
Large-billed Tern	<i>Sterna simplex</i>
Black Skimmer	<i>Rynchops niger</i>
Pigeons & Doves	<i>Columbidae</i>
Rock Dove	<i>Columba livia</i>
Scaled Pigeon	<i>Patagioenas speciosa</i>
Spot-winged Pigeon	<i>Patagioenas maculosa</i>
Band-tailed Pigeon	<i>Patagioenas fasciata</i>
Pale-vented Pigeon	<i>Patagioenas cayennensis</i>
Plumbeous Pigeon	<i>Patagioenas plumbea</i>
Ruddy Pigeon	<i>Patagioenas subvinacea</i>
Eared Dove	<i>Zenaida auriculata</i>
Gray-fronted Dove	<i>Leptotila rufaxilla</i>
White-throated Quail-Dove	<i>Geotrygon montana</i>
Macaws & Parrots etc	<i>Psittacidae</i>
Rose-fronted Parakeet	<i>Pyrrhura</i>
Mitred Parakeet	<i>Aratinga mitrata</i>
White-eyed Parakeet	<i>Aratinga leucophthalma</i>
Dusky-headed Parakeet	<i>Aratinga weddellii</i>

Blue-and-yellow Macaw	<i>Ara ararauna</i>
Scarlet Macaw	<i>Ara macao</i>
Red-and-green Macaw	<i>Ara chloropterus</i>
Chestnut-fronted Macaw	<i>Ara severa</i>
Red-bellied Macaw	<i>Orthopsittaca manilata</i>
Blue-headed Macaw	<i>Primolius couloni</i>
Cobalt-winged Parakeet	<i>Brotogeris cyanoptera</i>
Tui Parakeet	<i>Brotogeris sanctithomae</i>
*White-bellied Parrot	<i>Pionites leucogaster</i>
Orange-cheeked Parrot	<i>Pyrilia barrabandi</i>
Blue-headed Parrot	<i>Pionus menstruus</i>
Yellow-crowned Parrot	<i>Amazona ochrocephala</i>
Mealy Parrot	<i>Amazona farinose</i>
Hoazin	<i>Opisthocomidae</i>
Hoatzin	<i>Opisthocomus hoazin</i>
Cuckoos	<i>Cuculidae</i>
Squirrel Cuckoo	<i>Piaya cayana</i>
Little Cuckoo	<i>Piaya minuta</i>
Greater Ani	<i>Crotophaga major</i>
Smooth-billed Ani	<i>Crotophaga ani</i>
Owls	<i>Strigidae</i>
*Tawny-bellied Screech-Owl	<i>Megascops watsonii</i>
*Crested Owl	<i>Lophostrix cristata</i>
*Amazonian Pygmy-Owl	<i>Glaucidium hardyi</i>
Burrowing Owl	<i>Athene cunicularia</i>
*Black-banded Owl	<i>Ciccaba huhula</i>
Nighthawks etc	<i>Caprimulgidae</i>
Sand-colored Nighthawk	<i>Chordeiles rupestris</i>
Pauraque	<i>Nyctidromus albicollis</i>
Ladder-tailed Nightjar	<i>Hydropsalis torquata</i>
Potoos	<i>Nyctibiidae</i>
*Great Potoo	<i>Nyctibius grandis</i>
Common Potoo	<i>Nyctibius griseus</i>
Swifts	<i>Apodidae</i>
Chestnut-collared Swift	<i>Streptoprocne rutila</i>
White-collared Swift	<i>Streptoprocne zonaris</i>
Gray-rumped Swift	<i>Chaetura cinereiventris</i>
[Pale-rumped Swift]	<i>Chaetura egregia</i>
Short-tailed Swift	<i>Chaetura brachyura</i>
[Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>
Fork-tailed Palm-Swift	<i>Tachornis squamata</i>
Hummingbirds	<i>Trochilidae</i>
White-necked Jacobin	<i>Florisuga mellivora</i>
Rufous-breasted Hermit	<i>Glaucis hirsute</i>

Pale-tailed Barbthroat	<i>Threnetes leucurus</i>
White-bearded Hermit	<i>Phaethornis hispidus</i>
Long-tailed (Great-billed) Hermit	<i>Phaethornis superciliosus</i> (or <i>malaris</i>)
Koepcke's Hermit	<i>Phaethornis koepckeae</i>
Reddish Hermit	<i>Phaethornis ruber</i>
Green-fronted Lancebill	<i>Doryfera ludovicae</i>
[Green Violetear]	<i>Colibri thalassinus</i>
Sparkling Violetear	<i>Colibri coruscans</i>
Black-eared Fairy	<i>Heliothryx auritus</i>
[Black-throated Mango	<i>Anthracothorax nigricollis</i>
Amethyst-throated Sunangel	<i>Helianthus amethysticollis</i>
Wire-crested Thorntail	<i>Discosura popelairii</i>
Rufous-crested Coquette	<i>Lophornis delattrei</i>
Speckled Hummingbird	<i>Adelomyia melanogenys</i>
Tyrian Metaltail	<i>Metallura tyrianthina</i>
Shining Sunbeam	<i>Aglaeactis castelnaudii</i>
Violet-throated Starfrontlet	<i>Coeligena violifer</i>
Booted Racket-tail	<i>Ocreatus underwoodii</i>
Gould's Jewelfront	<i>Heliodoxa aurescens</i>
Violet-fronted Brilliant	<i>Heliodoxa leadbeateri</i>
Long-billed Starthroat	<i>Heliothraupis longirostris</i>
White-bellied Woodstar	<i>Chaetocercus mulsant</i>
Blue-tailed Emerald	<i>Chlorostilbon mellisugus</i>
Violet-headed Hummingbird	<i>Klais guimeti</i>
Gray-breasted Sabrewing	<i>Campylopterus largipennis</i>
Fork-tailed Woodnymph	<i>Thalurania furcata</i>
Many-spotted Hummingbird	<i>Leucippus hypostictus</i>
Sapphire-spangled Emerald	<i>Amazilia lactea</i>
Golden-tailed Sapphire	<i>Chrysuronia oenone</i>
White-chinned Sapphire	<i>Hylocharis cyanus</i>
Trogon & Quetzals	Trogonidae
Golden-headed Quetzal	<i>Pharomachrus auriceps</i>
Collared Trogon	<i>Trogon collaris</i>
Blue-crowned Trogon	<i>Trogon curucui</i>
Black-tailed Trogon	<i>Trogon melanurus</i>
Motmots	Momotidae
Amazonian Motmot	<i>Momotus momota</i>
Broad-billed Motmot	<i>Electron platyrhynchum</i>
Kingfishers	Alcedinidae
Ringed Kingfisher	<i>Ceryle torquata</i>
Amazon Kingfisher	<i>Chloroceryle amazona</i>
Green Kingfisher	<i>Chloroceryle americana</i>
Puffbirds	Bucconidae
Chestnut-capped Puffbird	<i>Bucco macrodactylus</i>
Lanceolated Monklet	<i>Micromonacha lanceolata</i>
Black-fronted Nunbird	<i>Monasa nigrifrons</i>

White-fronted Nunbird	<i>Monasa morphoeus</i>
Swallow-winged Puffbird	<i>Chelidoptera tenebrosa</i>
Jacamars	<i>Galbulidae</i>
Purus Jacamar	<i>Galbalcyrhynchus purusianus</i>
White-throated Jacamar	<i>Brachygalba albogularis</i>
Bluish-fronted Jacamar	<i>Galbula cyanescens</i>
Barbets	<i>Capitonidae</i>
Gilded Barbet	<i>Capito auratus</i>
Lemon-throated Barbet	<i>Eubucco richardsoni</i>
Versicolored Barbet	<i>Eubucco versicolor</i>
Toucans	<i>Ramphastidae</i>
Emerald Toucanet	<i>Aulacorhynchus prasinus</i>
Chestnut-tipped Toucanet	<i>Aulacorhynchus derbianus</i>
Chestnut-eared Araçari	<i>Pteroglossus castanotis</i>
Curl-crested Araçari	<i>Pteroglossus beauharnaesii</i>
Channel-billed Toucanet	<i>Ramphastos vitellinus</i>
White-throated Toucan	<i>Ramphastos tucanus</i>
Woodpeckers	<i>Picidae</i>
Yellow-tufted Woodpecker	<i>Melanerpes cruentatus</i>
Little Woodpecker	<i>Veniliornis passerinus</i>
Golden-olive Woodpecker	<i>Piculus rubiginosus</i>
Andean Flicker	<i>Colaptes rupicola</i>
Scale-breasted Woodpecker	<i>Celeus grammicus</i>
Lineated Woodpecker	<i>Dryocopus lineatus</i>
Crimson-bellied Woodpecker	<i>Campephilus haematogaster</i>
Red-necked Woodpecker	<i>Campephilus rubricollis</i>
Crimson-crested Woodpecker	<i>Campephilus melanoleucos</i>
Ovenbirds & Woodcreepers	<i>Furnariidae</i>
Pale-legged Hornero	<i>Furnarius leucopus</i>
Azara's Spinetail	<i>Synallaxis azarae</i>
Dark-breasted Spinetail	<i>Synallaxis albigularis</i>
*Cabanis' Spinetail	<i>Synallaxis cabanisi</i>
Plain-crowned Spinetail	<i>Synallaxis gujanensis</i>
Creamy-crested Spinetail	<i>Cranioleuca albicapilla</i>
Ash-browed Spinetail	<i>Cranioleuca curtata</i>
Speckled Spinetail	<i>Cranioleuca gutturata</i>
Plain Softtail	<i>Thripophaga fusciceps</i>
Montane Foliage-gleaner	<i>Anabacerthia striaticollis</i>
Buff-browed Foliage-gleaner	<i>Syndactyla rufosuperciliata</i>
Chestnut-winged Foliage-gleaner	<i>Philydor erythropterum</i>
*Buff-fronted Foliage-gleaner	<i>Philydor rufus</i>
Black-billed Treehunter	<i>Thripadectes melanorhynchus</i>
Olive-backed Foliage-gleaner	<i>Automolus infuscatus</i>
Chestnut-crowned Foliage-gleaner	<i>Automolus rufipileatus</i>
Slender-billed Xenops	<i>Xenops tenuirostris</i>
Streaked Xenops	<i>Xenops rutilans</i>

Plain-browed Woodcreeper	<i>Dendrocincla fuliginosa</i>
Olivaceous Woodcreeper	<i>Sittasomus griseicapillus</i>
Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>
Long-billed Woodcreeper	<i>Nasica longirostris</i>
Cinnamon-throated Woodcreeper	<i>Dendrexetastes rufigula</i>
Amazonian Barred-Woodcreeper	<i>Dendrocolaptes certhia</i>
Black-banded Woodcreeper	<i>Dendrocolaptes picumnus</i>
Elegant Woodcreeper	<i>Xiphorhynchus elegans</i>
Olive-backed Woodcreeper	<i>Xiphorhynchus triangularis</i>
Buff-throated Woodcreeper	<i>Xiphorhynchus guttatus</i>
*Straight-billed Woodcreeper	<i>Xiphorhynchus picus</i>
Lineated Woodcreeper	<i>Lepidocolaptes albolineatus</i>
Typical Antbirds	<i>Thamnophilidae</i>
*Great Antshrike	<i>Taraba major</i>
Barred Antshrike	<i>Thamnophilus doliatus</i>
Chestnut-backed Antshrike	<i>Thamnophilus palliatus</i>
Plain-winged Antshrike	<i>Thamnophilus schistaceus</i>
Dusky-throated Antshrike	<i>Thamnomanes ardesiacus</i>
*Bluish-slate Antshrike	<i>Thamnomanes schistogynus</i>
*Spot-winged Antshrike	<i>Pygoptila stellaris</i>
Amazonian Streaked-Antwren	<i>Myrmotherula multostriata</i>
Stripe-chested Antwren	<i>Myrmotherula longicauda</i>
[Plain-throated Antwren]	<i>Myrmotherula hauxwelli</i>
White-flanked Antwren	<i>Myrmotherula axillaries</i>
Long-winged Antwren	<i>Myrmotherula longipennis</i>
Gray Antwren	<i>Myrmotherula menetriesii</i>
[Yellow-breasted Antwren]	<i>Herpsilochmus axillaris</i>
Striated Antwren	<i>Drymophila devillei</i>
Black Antbird	<i>Cercomacra serva</i>
Manu Antbird	<i>Cercomacra manu</i>
*White-backed Fire-eye	<i>Pyriglena leuconota</i>
White-browed Antbird	<i>Myrmoborus leucophrys</i>
Yellow-breasted Warbling Antbird	<i>Hypocnemis subflava</i>
Band-tailed Antbird	<i>Hypocnemoides maculicauda</i>
Silvered Antbird	<i>Sclateria naevia</i>
White-lined Antbird	<i>Percnostola lophotes</i>
Chestnut-tailed Antbird	<i>Myrmeciza hemimelaena</i>
Plumbeous Antbird	<i>Myrmeciza hyperythra</i>
Goeldi's Antbird	<i>Myrmeciza goeldii</i>
Black-throated Antbird	<i>Myrmeciza atrothorax</i>
Common Scale-backed Antbird	<i>Willisornis poecilinotus</i>
Black-spotted Bare-eye	<i>Phlegopsis nigromaculata</i>
Antthrushes	<i>Formicariidae</i>
Rufous-capped Antthrush	<i>Formicarius colma</i>
Black-faced Antthrush	<i>Formicarius analis</i>
*Rufous-breasted Antthrush	<i>Formicarius rufipectus</i>
Antpittas	<i>Grallariidae</i>
*Amazonian Antpitta	<i>Hylopezus berlepschi</i>

*Thrush-like Antpitta	<i>Myrmothera campanisona</i>
Tapaculos	<i>Rhinocryptidae</i>
*Rusty-belted Tapaculo	<i>Liosceles thoracicus</i>
*White-crowned Tapaculo	<i>Scytalopus atratus</i>
Tyrant Flycatchers	<i>Tyrannidae</i>
White-throated Tyrannulet	<i>Mecocerculus leucophrys</i>
White-banded Tyrannulet	<i>Mecocerculus stictopterus</i>
Yellow-crowned Tyrannulet	<i>Tyrannulus elatus</i>
Forest Elaenia	<i>Myiopagis gaimardii</i>
Large Elaenia	<i>Elaenia spectabilis</i>
[Small-billed Elaenia]	<i>Elaenia parvirostris</i>
Mottle-backed Elaenia	<i>Elaenia gigas</i>
Sierran Elaenia	<i>Elaenia pallatangae</i>
Torrent Tyrannulet	<i>Serpophaga cinerea</i>
Streak-necked Flycatcher	<i>Mionectes striaticollis</i>
Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>
Slaty-capped Flycatcher	<i>Leptopogon superciliaris</i>
Marble-faced Bristle-Tyrant	<i>Phylloscartes (Pogonotriccus) ophthalmicus</i>
Ashy-headed Tyrannulet	<i>Phyllomyias cinereiceps</i>
Bolivian Tyrannulet	<i>Zimmerius bolivianus</i>
[Plain Tyrannulet]	<i>Inezia inornata</i>
Scale-crested Pygmy-Tyrant	<i>Lophotriccus pileatus</i>
Rusty-fronted Tody-Flycatcher	<i>Poecilatriccus latirostris</i>
Yellow-browed Tody-Flycatcher	<i>Todirostrum chrysocrotaphum</i>
Yellow-olive Flycatcher	<i>Tolmomyias sulphurescens</i>
Gray-crowned Flycatcher	<i>Tolmomyias poliocephalus</i>
[Golden-crowned Spadebill]	<i>Platyrinchus coronatus</i>
White-crested Spadebill	<i>Platyrinchus platyrhynchos</i>
Black Phoebe	<i>Sayornis nigricans</i>
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>
Drab Water-Tyrant	<i>Ochthoeca littoralis</i>
Little Ground-Tyrant	<i>Muscisaxicola fluviatilis</i>
Rufous-breasted Chat-Tyrant	<i>Ochthoeca</i>
Brown-backed Chat-Tyrant	<i>Ochthoeca fumicolor</i>
Long-tailed Tyrant	<i>Colonia colonus</i>
Bright-rumped Attila	<i>Attila spadiceus</i>
White-eyed Attila	<i>Attila bolivianus</i>
Sirystes	<i>Sirystes sibilator</i>
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>
Short-crested Flycatcher	<i>Myiarchus ferox</i>
Great Kiskadee	<i>Pitangus sulphuratus</i>
Lesser Kiskadee	<i>Philohydor lictor</i>
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>
Social Flycatcher	<i>Myiozetetes similis</i>
Gray-capped Flycatcher	<i>Myiozetetes granadensis</i>
Lemon-browed Flycatcher	<i>Conopias cinchoneti</i>
Golden-crowned Flycatcher	<i>Myiodynastes chrysocephalus</i>
Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>
Streaked Flycatcher	<i>Myiodynastes maculates</i>

Piratic Flycatcher	<i>Legatus leucophaeus</i>
Variegated Flycatcher	<i>Empidonomus varius</i>
Crowned Slaty-Flycatcher	<i>Empidonomus aurantioatrocristatus</i>
Tropical Kingbird	<i>Tyrannus melancholicus</i>
Eastern Kingbird	Tyrannus tyrannus
Fork-tailed Flycatcher	<i>Tyrannus savanna</i>
Cotingas	Cotingidae
Andean Cock-of-the-Rock	Rupicola peruviana
Plum-throated Cotinga	<i>Cotinga maynana</i>
Spangled Cotinga	<i>Cotinga cayana</i>
Screaming Piha	<i>Lipaugus vociferans</i>
Bare-necked Fruitcrow	<i>Gymnoderus foetidus</i>
Manakins	Pipridae
*Dwarf Tyrant-Manakin	<i>Tyranneutes stolzmanni</i>
Yungas Manakin	<i>Chiroxiphia boliviana</i>
Band-tailed Manakin	<i>Pipra fasciicauda</i>
Round-tailed Manakin	<i>Pipra chloromeros</i>
Tityras & Allies	Tityridae
Masked Tityra	<i>Tityra semifasciata</i>
Black-tailed Tityra	<i>Tityra cayana</i>
White-winged Becard	<i>Pachyramphus polychopterus</i>
Pink-throated Becard	<i>Pachyramphus minor</i>
Vireos	Vireonidae
Red-eyed Vireo	<i>Vireo olivaceus</i>
Jays etc	Corvidae
Green Jay	<i>Cyanocorax yncas</i>
Purplish Jay	<i>Cyanocorax cyanomelas</i>
Violaceous Jay	<i>Cyanocorax violaceus</i>
Swallows & Martins	Hirundinidae
Blue-and-white Swallow	<i>Pygochelidon cyanoleuca</i>
Brown-bellied Swallow	<i>Orochelidon murina</i>
White-banded Swallow	<i>Atticora fasciata</i>
Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>
Brown-chested Martin	<i>Progne tapera</i>
White-winged Swallow	<i>Tachycineta albiventer</i>
Bank Swallow	<i>Riparia riparia</i>
Barn Swallow	<i>Hirundo rustica</i>
Wrens	Troglodytidae
Thrush-like Wren	<i>Campylorhynchus turdinus</i>
Gray-mantled Wren	Odontorchilus branickii
Moustached Wren	<i>Pheugopedius genibarbis</i>
*Buff-breasted Wren	<i>Cantorchilus leucotis</i>
House Wren	<i>Troglodytes aedon</i>
Gray-breasted Wood-Wren	<i>Henicorhina leucophrys</i>

*Scaly-breasted Wren	<i>Microcerculus marginatus</i>
Dippers	Cinclidae
White-capped Dipper	<i>Cinclus leucocephalus</i>
Donacobi	Donacobiidae
Black-capped Donacobius	<i>Donacobius atricapillus</i>
Thrushes	Turdidae
*Andean Solitaire	<i>Myadestes ralloides</i>
Chiguanco Thrush	<i>Turdus chiguanco</i>
Great Thrush	<i>Turdus fuscater</i>
Black-billed Thrush	<i>Turdus ignobilis</i>
Hauxwell's Thrush	<i>Turdus hauxwelli</i>
New World Warblers	Parulidae
Tropical Parula	<i>Parula pitiayumi</i>
Slate-throated Redstart	<i>Myioborus miniatus</i>
Spectacled Redstart	<i>Myioborus melanocephalus</i>
Two-banded Warbler	<i>Basileuterus bivittatus</i>
*Golden-bellied Warbler	<i>Basileuterus chrysogaster</i>
Russet-crowned Warbler	<i>Basileuterus coronatus</i>
Three-striped Warbler	<i>Basileuterus tristriatus</i>
Buff-rumped Warbler	<i>Phaeothlypis tristriatus</i>
Tanagers	Thraupidae
Bananaquit	<i>Coereba flaveola</i>
Magpie Tanager	<i>Cissopis leverianus</i>
Three-striped Hemispingus	<i>Chlorospingus trifasciatus</i>
Drab Hemispingus	<i>Hemispingus xanthophthalmus</i>
Black-eared Hemispingus	<i>Hemispingus melanotis</i>
Rust-and-yellow Tanager	<i>Thlypopsis ruficeps</i>
Cinereous Conebill	<i>Conirostrum cinereum</i>
Blue-backed Conebill	<i>Conirostrum sitticolor</i>
White-winged Shrike-Tanager	<i>Lanio versicolor</i>
White-shouldered Tanager	<i>Tachyphonus luctuosus</i>
Masked Crimson Tanager	<i>Ramphocelus nigrogularis</i>
Silver-beaked Tanager	<i>Ramphocelus carbo</i>
Blue-gray Tanager	<i>Thraupis episcopus</i>
Blue-capped Tanager	<i>Thraupis cyanocephala</i>
Blue-and-yellow Tanager	<i>Thraupis bonariensis</i>
Palm Tanager	<i>Thraupis palmarum</i>
Scarlet-bellied Mountain-Tanager	<i>Anisognathus igniventris</i>
Yellow-throated Tanager	<i>Iridosornis analis</i>
Orange-eared Tanager	<i>Chlorochrysa calliparaea</i>
Turquoise Tanager	<i>Tangara mexicana</i>
Paradise Tanager	<i>Tangara chilensis</i>
Green-and-gold Tanager	<i>Tangara schrankii</i>
Golden Tanager	<i>Tangara arthus</i>
Golden-eared Tanager	<i>Tangara chrysotis</i>
Spotted Tanager	<i>Tangara punctata</i>

Bay-headed Tanager	<i>Tangara gyrola</i>
Blue-necked Tanager	<i>Tangara cyanicollis</i>
Beryl-spangled Tanager	<i>Tangara nigroviridis</i>
Opal-rumped Tanager	<i>Tangara velia</i>
[Opal-crowned Tanager]	<i>Tangara callophrys</i>
Black-faced Dacnis	<i>Dacnis lineata</i>
Yellow-bellied Dacnis	<i>Dacnis flaviventer</i>
Blue Dacnis	<i>Dacnis cayana</i>
Green Honeycreeper	<i>Chlorophanes spiza</i>
Purple Honeycreeper	<i>Cyanerpes caeruleus</i>
Swallow-Tanager	<i>Tersina viridis</i>
Moustached Flowerpiercer	<i>Diglossa mystacalis</i>
Black-throated Flowerpiercer	<i>Diglossa brunneiventris</i>
Masked Flowerpiercer	<i>Diglossa cyanea</i>
Grayish Saltator	<i>Saltator coerulescens</i>
Buff-throated Saltator	<i>Saltator maximus</i>
Yellow-shouldered Grosbeak	<i>Parkerthraustes humeralis</i>
Finches & Sparrows	Emberizidae
Black-and-white Seedeater	<i>Sporophila luctuosa</i>
Double-collared Seedeater	<i>Sporophila caerulescens</i>
Chestnut-bellied Seedeater	<i>Sporophila castaneiventris</i>
Chestnut-bellied Seed-Finch	<i>Oryzoborus angolensis</i>
Black-billed Seed-Finch	<i>Oryzoborus atrirostris</i>
Saffron Finch	<i>Sicalis flaveola</i>
Red-capped Cardinal	<i>Paroaria gularis</i>
*Olive Finch	<i>Arremon castaneiceps</i>
Black-faced Brush-Finch	<i>Atlapetes melanolaemus</i>
Yellow-browed Sparrow	<i>Ammodramus aurifrons</i>
Rufous-collared Sparrow	<i>Zonotrichia capensis</i>
Short-billed Bush-Tanager	<i>Chlorospingus parvirostris</i>
Yellow-throated Bush-Tanager	<i>Chlorospingus flavigularis</i>
Cardinals & Allies	Cardinalidae
Red-crowned Ant-Tanager	<i>Habia rubica</i>
Blackbirds & Allies	Icteridae
[Red-breasted Blackbird	<i>Sturnella militaris</i>
Pale-eyed Blackbird	<i>Agelasticus xanthophthalmus</i>
Giant Cowbird	<i>Molothrus oryzivorus</i>
Epaulet Oriole	<i>Icterus cayanensis</i>
Orange-backed Troupial	<i>Icterus croconotus</i>
Yellow-rumped Cacique	<i>Cacicus cela</i>
[Solitary (Black) Cacique]	<i>Cacicus solitarius</i>
Russet-backed Oropendola	<i>Psarocolius angustifrons</i>
Dusky-green Oropendola	<i>Psarocolius atrovirens</i>
Crested Oropendola	<i>Psarocolius decumanus</i>
Olive Oropendola	<i>Psarocolius (Gymnostinops) bifasciatus</i>
*[Casqued Oropendola]	<i>Clypicterus oseryi</i>
Siskins & Euphonias	Fringillidae

Thick-billed Euphonia	<i>Euphonia laniirostris</i>
Golden-bellied (White-lored) Euphonia	<i>Euphonia chrysopasta</i>
Orange-bellied Euphonia	<i>Euphonia xanthogaster</i>
*Rufous-bellied Euphonia	<i>Euphonia rufiventris</i>
Blue-naped Chlorophonia	<i>Chlorophonia cyanea</i>
Olivaceous Siskin	<i>Carduelis olivacea</i>

List of Species on Boat Trip from Hacienda Amazonia to Manu Wildlife Center (ca. 87 species; 7 hrs; includes a few species only heard*): Undulated Tinamou*; Horned Screamer; Speckled Chachalaca; Spix's Guan; Blue-throated Piping-Guan; Neotropic Cormorant; Anhinga; Fasciated Tiger-Heron; Cocoli Heron; Great Egret; Little Blue Heron; Snowy Egret; Cattle Egret; Capped Heron; Black Vulture; Turkey Vulture; Greater Yellow-headed Vulture; King Vulture; Osprey; Swallow-tailed Kite; Plumbeous Kite; Roadside Hawk; Black Caracara; Pied Lapwing; Collared Plover; Spotted Sandpiper; Greater Yellowlegs; Yellow-billed Tern; Large-billed Tern; Black Skimmer; Pale-vented Pigeon; Plumbeous Pigeon; Ruddy Pigeon*; White-eyed Parakeet; Dusky-headed Parakeet; Blue-and-yellow Macaw; Chestnut-fronted Macaw; Cobalt-winged Parakeet; Blue-headed Parrot; Amazona sp; Squirrel Cuckoo; Burrowing Owl; Sand-colored Nighthawk; White-collared Swift; Gray-rumped Swift; Short-tailed Swift; Black-tailed Trogon*; Ringed Kingfisher; Amazon Kingfisher; Black-fronted Nunbird; Swallow-winged Puffbird; Chestnut-eared Araçari; Channel-billed Toucan*; White-throated Toucan; Yellow-tufted Woodpecker; Crimson-crested Woodpecker; Mottle-backed Elaenia; Drab Water-Tyrant; Little Ground-Tyrant; Long-tailed Tyrant; Great Kiskadee; Social Flycatcher; Gray-capped Flycatcher*; Tropical Kingbird; Eastern Kingbird; Bare-necked Fruitcrow; Purplish Jay; Violaceous Jay; White-banded Swallow; Southern Rough-winged Swallow; Brown-chested Martin; White-winged Swallow; House Wren*; Black-billed Thrush; Buff-rumped Warbler*; Magpie Tanager; Silver-beaked Tanager; Blue-gray Tanager; Palm Tanager; Swallow-Tanager; Chestnut-bellied Seed-eater; Red-capped Cardinal; Yellow-browed Sparrow; Giant Cowbird; Yellow-rumped Cacique; Russet-backed Oropendola; Amazonian Oropendola;

LIST OF MAMMALS (Manu area)

Bat species (?) Long-nosed Bat (*Nasorhynchus*) or Sac-winged Bat (*Saccopteryx*), Cocha Blanco boat dock
 Giant Armadillo, *Pridontes maximus*, several large holes of this species noted in *terra firme* forest; we did not see this species but just knowing they are here is impressive
 Saddleback Tamarin, *Saguinus fasciollis*, MWC (daily in clearing behind lodge)
 *Dusky Titi-Monkey, *Callicebus moloch*, MWC (hd daily)
 Common Squirrel Monkey, *Saimiri sciureus*, MWC (a few seen but numbers low)
 Brown Capuchin, *Cebus apella*, MWC (daily but small numbers)
 White-fronted Capuchin, *Cebus albifrons*, MWC (one group seen very well on grid)
 *Red Howler Monkey, *Alouatta seniculus*, MWC (hd daily)
 Black Spider Monkey, *Ateles paniscus*, MWC (a few groups)
 Southern Tamandua, *Tamandua tetradactyla*, MWC (1 swimming across river)
 Southern Amazon Red Squirrel, *Sciurus spadiceus*, HA and
 Bolivian Squirrel, *Sciurus ignites*, Cock-of-the-rock Lodge
 [Amazon Dwarf Squirrel, *Microsciurus flaviventer*, 1 seen by DW]
 Capybara, *Hydrochaeris hydrochaeris*, MWC (family seen on riverbank by one group)
 Brown Agouti, *Dasyprocta variegata*, MWC (1 seen by some)
 South American Coati, *Nasua nasua*, Cock-of-the-rock Lodge (seen by some of group)
 Tayra, *Eira barbara*, HA (1 seen by part of group; MWC (another on grid by SH)
 Giant Otter, *Pteronura brasiliensis*, 3 seen by everyone; perhaps the best view ever of this species; 1 group watched 3 animals haul out on logs and sun and stretch and scratch for 45 minutes; the other group watched these same 3 animals fishing and hauling partly out of the water to eat their fish (amazingly good observations by both groups)

Brazilian Tapir, *Tapirus terrestris*, MWC (“Vanessa” a hand-reared animal that is now free-ranging and has had 3 babies was seen by 1 person behind the dining room where she frequently appears)

LIST OF REPTILES (Manu area)

Spectacled (or White) Caiman, *Caiman crocodylus*, along sand bar on Río Madre de Dios about 2 hours below MWC

Yellow-spotted Amazon River Turtle, *Podocnemus ignophyllus*, Rivers and lakes; two seen with butterflies on their noses at Cocha Camungo

Monitor lizard, *Tupinambis sp.*, HA; MWC

Small lizard, *Ameiva sp.*, HA; MWC

DAVE’S BUTTERFLIES ETC. [This butterfly list and all identification provided thanks to Dave Wolf]

This list is a small sample of the butterflies present, but shows species that we looked at as a group and that some of you photographed.

References: 1) “*Butterflies of Southern Amazonia*” (Garwood & Lehman) – my primary reference and starting point. 2) “*The Butterflies of Costa Rica & Their Natural History (Vols. I & II)*”; DeVries.

SWALLOWTAILS, Papilionidae

Ruby-spotted Swallowtail, *Heraclides anchisiades*, one on roadside mud our last morning at Puerto Maldonado.

WHITES & SULPHURS, Pieridae

Great Southern White, *Ascia monuste*, the large white with turquoise antennal clubs that was pointed out our final morning at Puerto Maldonado.

Straight-lined Sulphur (Trite), *Rhadbodyrys trite*, a common large sulphur, pale greenish below, that was gathering in large groups along the riverbanks.

Apricot Sulphur, *Phoebis argante*, the common big bright orange sulphur throughout the lowlands in open areas.

HAIRSTREAKS & BLUES, Lycaenidae

Separata Stripestreak, *Arawacus separata*, a tiny zebra-striped butterfly on the forest understory at Manu Wildlife Center .

METALMARKS, Riodinidae

“eyemarks”, *Mesosemia sp?*, gray and white butterflies flushed regularly from low down in the dark forest understory.

Colubra? Swordtail, *Ancyluris colubra*, a beautiful red and blue metalmark found dead at our lunch stop in the foothills.

“pixie sp?”, *Melanis sp?*, - a small black butterfly with a yellow stripe on trailing edge of hindwing, found dead at our lunch stop in the foothills.

Periander Swordtail, *Rhetus periander*, gorgeous red and blue butterfly with tails, seen in the road in the foothills both folded up and with wings spread.

“gorgeous blue and red metalmark”, *Neocyria sp?*, a spread-winged small butterfly without tails that was seen and photographed at our first stop at a bridge below Cock-of-the-Rock Lodge (but not at the poop pile!).

BRUSH-FOOTED BUTTERFLIES, Nymphalidae, a truly varied and complex family.

“clearwings” - ethereal transparent-winged butterflies of the forest understory. There are many different types and they are very difficult to identify.

Common (Helenor) Morpho, *Morpho helenor*, spectacular big butterflies that flash iridescent blue above. One of the characteristic sights of the steamy Neotropics.

Morpho cypris?, a lovely smaller morpho seen floating overhead in the foothills, reflecting lavender-blue above and yellow below.

giant owls, *Caligo* spp., among the largest Neotropical butterflies, they are dark with large owl-like “eye spots” on the underside. Photographed in the road in the foothills several times, including at the pile of poop.

Lamia Pierella, *Pierella lamia*, a strangely-shaped butterfly that glides along low above the darkened forest floor.

Pale-spotted? Leafwing, *Memphis pithyusa*, trapped in the front of the bus at a stop in the foothills. Other leafwings were seen sipping mud in the road. They always land folded up and their undersides are designed to look like dead leaves for camouflage.

Crethon Daggerwing, *Marpesia crethon*, daggerwings of 5 species were found on the muddy riverbanks at rest stops and landings. This one has a white stripe on the wings above.

Many-banded Daggerwing, *Marpesia Chiron*, the abundant daggerwing throughout the lowlands, especially on riverbanks but also seen from the MWC tower and along the road at Puerto Maldonado. Many thin brown and black stripes above; two-toned dark and pale below.

Cynosura Eighty-eight, *Callicore cynosura*, spectacularly-patterned and colorful small butterfly seen on the nose of a turtle by one group.

Clymena Eighty-eight, *Diaethria clymena*, a dead one showing the classic “88” pattern on its white-and-black underside was found on the road in the foothills.

“butternut eighty-eight”, *Perisama* sp?, a small butterfly on the road in the foothills, with cryptic butternut-colored underparts and iridescent blue stripes above.

banner sp?, *Epiphile oreia?*, photographed on the road in the foothills, orange with black and blue bands above and a complex pattern below; wingtips “squared-off” (falcate).

Red Cracker, *Hamadryas amphinome*, a stunning butterfly photographed around the porch at Hacienda Amazonia and by one group on the trails there.

Prola Beauty, *Panacea prola*, gorgeous large butterflies at Hacienda Amazonia and Manu WC, often landing on the buildings. Iridescent blue bands above and a bright red hindwing below.

Kallina? Emperor, *Doxocopa kallina*, landing on the sweaty passengers on the boat on Cocha Camungo – and sipping with their green tongues (an id. feature of this genus).

Blomfield’s Beauty, *Smyrna blomfieldia*, a beautiful large orange butterfly with complex underwing pattern, seen at our feet at the lookout above Atalaya.

Scarlet Peacock, *Anartia amathea*, a common open-country one seen on the road near Puerto Maldonado our final morning, with bright red above.

White Peacock, *Anartia jatrophe*, a delicate whitish butterfly at roadside lantana our final morning at Puerto Maldonado. Peacocks are related to our Common Buckeye.

Malachite, *Siproeta stelenes*, a big butterfly with big pale green spots framed by brown lines, photographed by one group at Hacienda Amazonia.

Sisters, *Adelpha* sp?, triangular-shaped butterflies, typically black with diagonal white stripes above and orange tips on the forewing. We saw many on the road through the foothills, including some atypical ones with orange or red replacing the white stripes above. This is probably the most complex genus in the Neotropics and there are many species.

“longwings”, seemingly slow-flying long-winged butterflies that never seem to quit moving and pose for photos, but many different kinds were seen, especially visiting flowers.

Julia, *Dryas Julia*, a bright orange longwing seen best on the road out from Puerto Maldonado. This one reaches Florida and South Texas in the U.S.

Actinotes, *Actinote* sp?, at Cock-of-the-Rock Lodge we found a big emergence of these slow-flying red and black butterflies; many were smashed in the road.

SKIPPERS, *Hesperiidae*, the sixth family of butterflies, but we didn't look at any.

BIRDS SEEN IN THE LIMA -PUCUSANA AREA: Sept 24 & 25, 2012

Sept 24: trip to Pantanos de Villa and Pucusana (local guide)

Sept 25: morning visit to small park opposite Hotel Olivar in Barrio (not guided)

White-cheeked Pintail, *Anas bahamensis*, Pantanos de Villa

Cinnamon Teal, *Anas cyanoptera*, Pantanos de Villa

Andean Duck, *Oxyura jamiacensis ferruginea*, Pantanos de Villa

Pied-billed Grebe, *Podilymbus podiceps*, Pantanos de Villa

Great Grebe, *Podiceps major*, Pantanos de Villa

Humboldt Penguin, *Spheniscus humboldti*, many off Pucusana

Peruvian Booby, *Sula variegata*, Lima coast

Neotropic Cormorant, *Phalacrocorax olivaceus*, Lima coast

Guanay Cormorant, *Phalacrocorax bougainvillii*, Lima coast

Red-legged Cormorant, *Phalacrocorax gaimardi*, coast at Pucusana

Peruvian Pelican, *Pelecanus thagus*, along coast

Peruvian Diving-Petrel, *Pelecanoides garnotii*, 10+ off coast (including 1 in pool behind the sea cave blow-through at edge of Pucusana)

Wilson's Storm-Petrel, *Oceanites oceanicus*, off coast

White-vented Storm-Petrel, *Oceanites gracilis*, off coast

Roseate Spoonbill, *Platalea ajaja*

Least Bittern, *Ixobrychus exilis*, Pantanos de Villa

Great Egret, *Egretta alba*, Lima coast

Little Blue Heron, *Egretta caerulea*, Pantanos de Villa

Snowy Egret, *Egretta thula*, Pantanos de Villa

Cattle Egret, *Bubulcus ibis*, Pantanos de Villa

Striated Heron, *Butorides striatus*, Pantanos de Villa

Black-crowned Night-Heron, *Nycticorax nycticorax*, Pantanos de Villa

Puna Ibis, *Plegadis ridgwayi*, Pantanos de Villa

Black Vulture, *Coragyps atratus*, Lima and marshes

Osprey, *Pandion haliaetus*

Harris' (Bay-winged) Hawk, *Parabuteo unicinctus*

American Kestrel, *Falco sparverius*

Plumbeous Rail, *Rallus sanguinolentus*, Pantanos de Villa
 Common Gallinule (Moorhen), *Gallinula chloropus*, Pantanos de Villa
 Slate-colored Coot, *Fulica ardesiaca* (includes all the Andean forms Pantanos de Villa
 Killdeer, *Charadrius vociferus*, Pantanos de Villa
 Blackish Oystercatcher, *Haematopus ater*, Pucusana
 American Oystercatcher, *Haematopus palliatus*, beaches
 Black-necked Stilt, *Himantopus mexicanus*, Pantanos de Villa
 Spotted Sandpiper, *Actitis macularius*, Pantanos de Villa
 Solitary Sandpiper, *Tringa solitaria*, Pantanos de villa
 Greater Yellowlegs, *Tringa melanoleuca*
 Whimbrel, *Numenius phaeopus*, beaches
 Ruddy Turnstone, *Arenaria interpres*, Pucusana
 Surfbird, *Aphriza virgata*, Pucusana
 Wilson's Phalarope, *Phalaropus tricolor*, coast
 Gray-headed Gull, *Chroicocephalus cirrocephalus*
 Andean Gull, *Chroicocephalus serranus*
 Franklin's Gull, *Leucophaeus pipixcan*
 Gray Gull, *Leucophaeus modestus*, beaches
 Kelp Gull, *Larus dominicanus*, Pantanos de villa
 Band-tailed (Belcher's) Gull, *Larus belcheri*, coast
 Inca Tern, *Larosterna inca*, Pucusana (hoards following boat)
 Black Skimmer, *Rynchops niger*
 Feral Pigeon (Rock Dove), *Columba livia*, many
 Eared Dove, *Zenaida auriculata*, Lima
 West Peruvian Dove, *Zenaida meloda* (formerly *asiatica*) Lima and coast
 Croaking Ground-Dove, *Columbina cruziana*, Lima etc
 Red-masked Parakeet, *Aratinga erythrogenys*, Lima
 Groove-billed Ani, *Crotophaga sulcirostris*
 Burrowing Owl, *Athene cunicularia*, Pantanos de Villa
 Amazilia Hummingbird, *Amazilia amazilia*, Lima
 Surf Cinclodes, *Cinclodes taczanowskii*, Pucusana
 Wren-like Rushbird, *Phleocryptes melanops*, Pantanos de Villa
 Southern Beardless-Tyrannulet, *Camptostoma obsoletum*, Pantanos de Villa; Lima
 Many-colored Rush-Tyrant, *Tachuris rubrigastra*, Pantanos de Villa
 Bran-colored Flycatcher, *Myiophobus fasciatus*, Pantanos de Villa
 Vermilion Flycatcher, *Pyrocephalus rubinus*, Pantanos de Villa & Lima; red and dark ones
 Tropical Kingbird, *Tyrannus melancholicus*, Lima
 Blue-and-white Swallow, *Pygochelidon cyanoleuca*
 Barn Swallow, *Hirundo rustica*, Pantanos de Villa
 House Wren, *Troglodytes aedon*, Lima
 Long-tailed Mockingbird, *Mimus longicaudatus*, both days
 Bananaquit, *Coereba flaveola*, first day
 Cinereous Conebill, *Conirostrum cinereum*, both days
 Blue-gray Tanager, *Thraupis episcopus*, Lima
 Chestnut-throated Seedeater, *Sporophila telescope*, first day
 Saffron Finch, *Sicalis flaveola*, Lima
 Rufous-collared Sparrow, *Zonotrichia capensis*, Lima
 Peruvian Meadowlark, *Sturnella bellicose*, Pantanos de Villa
 Scrub Blackbird, *Dives warszewiczi*, both days
 Yellow-hooded Blackbird, *Chrysomus icterocephalus*, Pantanos de Villa
 Hooded Siskin, *Carduelis magellanica*, Lima
 House Sparrow, *Passer domesticus*, Lima

Some notes regarding bird names and colors:

1. Tyrian Metaltail, *Metallura tyrianthina*, Tyrianthina (Latin) is a color between purple and violet, thus Tyrian red or Tyrian purple.
2. Azara's Spinetail. After Felix Manuel de Azara (1746-1811), Spanish officer commanding Paraguayan frontier, also author and naturalist
3. Attila. After Attila (406-453) the "Scourge of God" king of the Hunnish hoards that ravaged Europe in the fifth century.
4. Tityra. (Latin). An aristocratic hooligan. Refers to the bullying, aggressive nature of this species.
5. Goeldi's Antbird. After Emil August Goeldi (1859-1917) German zoologist resident in Brazil and author of *Avos do Brasil* 1894 (written in German)
6. Common Scale-backed Antbird, *Willisornis poecilinotus*, the genus name, *Willisornis*, was recently separated from *Hylophylax* where this species was originally placed and the species itself has now been split into two species including the widespread Amazonian one that we saw and a second species endemic to the Xingu region of Brazil. *Willisornis*, literally "Willis bird" honors Edwin Willis, who currently lives in São Paulo, Brazil and has conducted more original research, by far, on antbirds (especially army-ant following species) than anyone else past or present. The species name, *poecilinotus*, is from the Greek, denoting multiple colors or hues on its back (although the wings and back are only black and white!). The English name now appears in the SACC checklist as Common Scale-backed Antbird.