New locality for White-masked Antbird Pithys castaneus and other avian range extensions for dpto. Loreto, Peru

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Presentamos los resultados de una expedición realizada en junio de 2013 cerca del distrito de San Lorenzo, depto. Loreto, Perú. El descubrimiento más notable es una nueva localidad para Pithys castaneus y una población de Epinecrophylla sp., la cual presenta características fenotípicas intermedias entre E. fjeldsaai y E. haematonota. Pensamos que esa población de Epinecrophylla apoya la idea de que E. fjeldsaai debería considerarse como una subespecie de E. haematonota. También documentamos extensiones de rango de distribución para otras cuatro especies: Cypseloides cryptus, Polytmus theresiae, Conopias trivirgatus y Tachyphonus rufus. Nuestra lista total de 252 especies incluye varias especies de ocurrencia poco común o raras, tales como Anurolimnas fasciatus, Bucco capensis, B. tamatia, Neoctantes niger, Neopipo cinnamomea y Phoenicircus nigricollis. Con estos resultados esperamos promover en las autoridades locales y regionales acciones de conservación en esta área amenazada por deforestación.

Few ornithological expeditions have been undertaken in the Amazon lowlands north of the río Marañón and west of the río Tigre, in Peru. Brooks *et al.*³ compiled the results of >60 years of exploration in the Pongos area, while Pitman *et al.*⁷ reported a Rapid Biological Assessment of the Cordillera de Kampankis, both at the western

boundaries of this general area. Álvarez Alonso¹ made the only bird inventory along the río Morona and we are unaware of any similar survey along the Peruvian stretch of the río Pastaza. Motivated by the recent rediscovery of White-masked Antbird *Pithys castaneus* along the Morona⁵, our team, comprising the authors, R. Barros, F. Díaz &



Figure 1. Map of north-west dpto. Loreto, Peru, showing the location of San Lorenzo.

C. Gouraud, organised an expedition along the Pastaza, where the type specimen was collected². Unfortunately, after a few days exploring the lower Pastaza, Candoshi people requested that we leave their territory despite having pre-expedition authorisation from the village elder. Obliged to return towards the río Marañón, we present results from a nine-day avian survey near San Lorenzo, dpto. Loreto, Peru, in June 2013.

Study sites and Methods

Our field work was conducted on 9-11 and 17-22 June 2013 near San Lorenzo, Loreto. San Lorenzo is the capital of both prov. Datem del Marañón and Barranca district, and has a population of c.7,5004. It is located north of the río Marañón and 18 km west of its confluence with the rio Pastaza (Fig. 1). San Lorenzo lies on an 'island' of terra firme completely surrounded by swamps that has perhaps switched back and forth between the right and left banks of the río Marañón. We made observations, photographs and sound-recordings during short transects along logging tracks and forest trails, from dawn to early evening. Moreover, at one site we set ten mist-nests (each 9-12 m in length) at ground level and opened them for a full day (from first light until late evening) and during two mornings. We experienced rainfall, ranging in periods of a few minutes to two hours, almost daily. Precipitation was more frequent during the final three days of the work. We surveyed three main areas as follows.

'Puente Machete' is the name given by local people to a forested area along a dirt road leading north / north-east of San Lorenzo (04°46'48"S 76°31'38"W; 155 m). Areas surveyed were 5–10 km from San Lorenzo and included relatively untouched terra firme forest as well as logged terra firme and second growth, with several newly cleared areas along the dirt road and adjacent tracks. The area is drained by several small black-water streams. Soil is apparently poor, with some sand but is composed mostly of clay. The presence of the palm Lepidocaryum tenue is noteworthy, and in many respects the forest around Puente Machete can be categorised as *irapayal* (forest with understory dominated by Lepidocaryum tenue, locally known as Irapay). Mist-nets were erected in the forest near our camp (04°46'32"S 76°31'20"W). Surveys were conducted on 9, 11 and 17-22 June.

'Oleoducto' extends along another dirt road 2 km east of San Lorenzo (from 04°50'16"S 76°31'52"W to a few km further east; 140 m). Forest along this road is mainly secondary, with extensive tracts of selectively logged forest both sides of the road. Open and semi-open areas are patchily distributed along the road, with newly cleared areas, bushy second growth and *chacras* (small slash-and-

burn units), as well as 1.5 m-tall grassland with scattered bushes. Surveys were conducted on 9, 10 and 17 June 2013.

The 'creek' area is a small black-water stream 2 km west of San Lorenzo on the left (north) bank of the río Marañón (from 04°49'36"S 76°34'27"W up to 7 km west; 140 m). Some 30 m at its width near the mouth, it narrows to a few metres within a quite short distance upstream. White-sand banks are scattered across calmer parts of the streambed, but were too small to support any vegetation. Except a few *chacras*, the banks were covered on both sides by floodplain forest. Field work was conducted from a canoe (with several stops on the banks) for one day by three of us on 10 June 2013.

We collected 22 specimens and deposited these in the scientific collection of the Museo de Historia Natural de la Universidad Nacional de San Agustín de Arequipa (MUSA). Additionally, we deposited 119 sound-recordings of 95 species at www.xeno-canto.org, and most of our sightings are recorded on eBird (www.ebird.org). Taxonomy and nomenclature follow Remsen et al.8.

Results

We encountered a total of 252 species near San Lorenzo (Appendix 1). Our main discoveries were a new locality for White-masked Antbird *Pithys castaneus* and a population of antwrens *Epinecrophylla* sp. showing phenotypic characters intermediate between Brown-backed *E. fjeldsaai* and Stipple-throated Antwrens *E. haematonota*. Referring primarily to distribution maps in Schulenberg *et al.*¹⁰, we also document range extensions for an additional four species.

White-chinned Swift Cypseloides cryptus

On 22 June, we photographed at least five at Puente Machete (Fig. 2) circling low above the canopy of terra firme forest, together with Whitecollared Swifts Streptoprocne zonaris. Observations were made in early morning light. No vocalisations were heard. Identification of Cypseloides is not straightforward, but the medium size, short square tail and bulbous head, lack of white on the breast, white mottling on the lower belly (at least on some individuals) and white ventral band eliminates White-chested Swift C. lemosi; juvenile C. lemosi would have longer wings, longer tail and white scalloping on the breast (S. N. G. Howell pers. comm.). The lack of white supraloral line and white spot behind the eye on all of the birds rules out Spot-fronted Swift C. cherriei. All of the photographed individuals were in primary moult (Fig. 2), which agrees with the moult timing of many birds observed in eastern Ecuador (S. N. G. Howell pers. comm.). C. cryptus is a rare, probably



Figure 2. White-chinned Swift Cypseloides cryptus, San Lorenzo, Loreto, Peru, June 2013 (Fabrice Schmitt)

overlooked, species in Peru, usually found on the east slope of Andes and over a wide variety of habitats, including heavily degraded areas. It breeds behind waterfalls and in gorges, like other *Cypseloides*^{9,10}. As with most swifts, they may commute long distances from their breeding / roosting sites to feed, and the birds conceivably came from the relatively close Kampankis range (c.100 km west of our sighting), although the species was not found there during a recent field expedition⁷.

Green-tailed Goldenthroat Polytmus theresiae

Fairly common along the Oleoducto road, in tall grassland dominated by Andropogon (Poaceae), with Verbena (Verbenaceae), Anoda (Malvaceae) and a few Melastomataceae growing as scattered bushes with some tree re-growth. We discovered a loose lek of at least ten singing individuals (XC187549, XC187553) within c.4 ha. Singing males usually perched 2-4 m above ground in small trees and bushes, just above the level of the surrounding grass (Fig. 3), sometimes aggressively chasing a neighbouring male before returning to the same perch. P. theresiae is very patchily distributed in northern Peru. Our record fills a distributional gap between its two previously known locations in Peru, 50 km south-east (Jeberos) and 150 km north (along the río Pastaza) of our study site¹⁰.

Antwren sp. Epinecrophylla sp.

We observed Epinecrophylla antwrens daily in terra firme forest near Puente Machete, and two males and three females were collected (Figs. 4–5; MUSA 4953–4957). Unfortunately, we obtained no sound-recordings, although we briefly heard songs similar to those given by Stipple-throated Antwren E. haematonota. Skull ossification of the specimens, as well as presence of a brood patch and active moult, confirm that they were adults. Members of the genus are similar, but we eliminated White-eyed



Figure 3. Green-tailed Goldenthroat *Polytmus theresiae*, San Lorenzo, Loreto, Peru, June 2013 (Christophe Gouraud)

Antwren *E. leucophthalma* by the presence of dark streaks on the females' throats. The other species most closely resembling the San Lorenzo birds is E. haematonota, which is widespread to the south and east in Amazonian Peru, and Brown-backed Antwren E. fjeldsaai, in Amazonian Ecuador and northern Peru west of the rio Napo. Whitney et al.11 recently proposed that E. haematonota is paraphyletic with respect to E. fieldsaai, but they had no evidence of presence or absence of reproductive isolation. The back colour of the San Lorenzo birds varied from all brown (one female) to brown on the upper back with some rufous on the lower back (two males and two females), intermediate between E. haematonota (rufous back in both sexes) and E. fjeldsaai (brown back in both sexes). Our observations of phenotypically intermediate birds suggest historic or ongoing gene flow and lack of reproductive isolation between the two taxa, supporting the idea that E. fjeldsaai is a subspecies of E. $haematonota^{11}$.

White-masked Antbird Pithys castaneus

We encountered this rare and poorly known species daily along a 470m-long forest transect near Puente Machete; seven were trapped (Fig. 6) of which two were collected (MUSA 4936–4937). Our records are the first east of the río Morona since the type specimen was collected (its precise provenance is debated, but it was reportedly taken at 'Andoas', somewhere along the río Pastaza). Other localities are Tierra Blanca, near Puerto





Figures 4-5. Specimens of an Epinecrophylla antwren sp., collected at San Lorenzo, Loreto, Peru, June 2013 (Raphaël Sané)



Figure 6. White-masked Antbird Pithys castaneus, San Lorenzo, Loreto, Peru, June 2013 (Gabriel Vásquez)

Alegria on the west bank of the río Morona⁵, the Kampankis range between the río Santiago and the río Morona^{5,7}, and Chicais in dpto. Amazonas⁶. San Lorenzo is 95 km south-east of Tierra Blanca, the nearest known location. All of these localities are north of the río Marañón. Although we caught P. castaneus daily in mist-nets, we seldom observed the species in the field, probably because we found very few army ant swarms, which usually provide the best opportunity to observe this 'professional' ant-follower. Most observations pertained to birds responding to pre-recorded playback, with some individuals coming to the sound over a distance of probably >100 m. On approaching, a bird would first deliver the usual song (long whistle), then circle us, sometimes perching up to 3 m above ground. All birds that did this were very shy and never stayed more than 1-2 minutes. Occasionally, we heard spontaneous song during the first hour of daylight. All of our sightings were in irapayal forest. Typically, after playback of P. castaneus song within a large stand of these palms, a bird would respond within c.5 minutes.

Three-striped Flycatcher Conopias trivirgatus

We photographed (Fig. 7) and sound-recorded (XC188227) a pair on 10 June in a mosaic of logged forest, second growth and gardens in the Oleoducto road area. Two (possibly the same) were photographed on 17 June at forest edge along the



Figure 7. Three-striped Flycatcher Conopias trivirgatus, San Lorenzo, Loreto, Peru, June 2013 (Marc Thibault)

Oleoducto road, and another pair was seen on 18 June at Puente Machete in forest edge. The species' distribution in Peru is poorly known¹⁰ and our observations appear to be the first records in country north of the río Marañón. Superficially similar to Social Flycatcher *Myiozetetes similis* (separated by throat colour and vocalisations), *C. trivirgatus* is easily confused with Yellow-throated Flycatcher *C. parvus* (best separated by vocalisations but also by eyebrow shape and forehead coloration) and is perhaps overlooked in Peru.

White-lined Tanager Tachyphonus rufus

We saw a pair, of which the male was photographed along the Oleoducto road on 17 June (Fig. 8). The species is patchily distributed in eastern Peru, where it mostly occurs in less humid areas or at sites with sandy soil 10 in inter-Andean valleys. Our record suggests that it is rare or uncommon in the San Lorenzo area, where it has possibly colonised recently opened habitats, and constitutes one of the few records from lowland Amazonian Peru.

Conclusion

Our list of 252 bird species from the San Lorenzo region is certainly far from exhaustive. Nevertheless, in addition to the above records, we also found several additional uncommon or rare species, including Black-banded Crake Anurolimnas fasciatus, Collared Bucco capensis



Figure 8. Male White-lined Tanager Tachyphonus rufus, San Lorenzo, Loreto, Peru, June 2013 (Christophe Gouraud)

and Spotted Puffbirds *B. tamatia*, Black Bushbird *Neoctantes niger*, Cinnamon Manakin-Tyrant *Neopipo cinnamomea* and Black-necked Red Cotinga *Phoenicircus nigricollis*, and further visits will certainly add species to this list. Following our survey, the organisation Nature and Culture International worked together with the Provincial Municipality of Datem del Marañón to create the 53,761.75-ha 'Área de Conservación Ambiental Máscara Blanca' in May 2016, protecting habitat for White-masked Antbird.

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Appendix I. List of birds seen in the San Lorenzo area (Loreto, Peru)

Mach = Puente Machete, Oleo = Oleoducto area, Creek = Creek area

Evidence: P = species photographed, A = species soundrecorded and recording deposited at www.xeno-canto. org, S = specimen deposited in the scientific collection of the Museo de Historia Natural de la Universidad Nacional de San Agustín de Arequipa (MUSA).

| Scientific name | English name | Mach | Oleo | Creek | Evidence |
|--------------------------|-------------------------------|------|------|-------|----------|
| TINAMIDAE | | | | | |
| Tinamus guttatus | White-throated Tinamou | Х | | | Α |
| Crypturellus cinereus | Cinereous Tinamou | Х | Х | | Α |
| Crypturellus soui | Little Tinamou | Х | Х | | Α |
| Crypturellus bartletti | Bartlett's Tinamou | Х | | | Α |
| CRACIDAE | | | | | |
| Ortalis guttata | Speckled Chachalaca | Х | Х | | |
| ODONTOPHORIDA | E | | | | |
| Odontophorus sp. | wood quail sp. | | Х | | |
| ANHINGIDAE | | | | | |
| Anhinga anhinga | Anhinga | Х | | | |
| ARDEIDAE | | | | | |
| Tigrisoma lineatum | Rufescent Tiger Heron | Х | | | Р |
| Nycticorax nycticorax | Black-crowned Night Heron | Х | | | |
| Butorides striata | Striated Heron | Х | Х | Х | Р |
| CATHARTIDAE | | | | | |
| Cathartes aura | Turkey Vulture | Х | Х | Χ | |
| Cathartes melambrotus | Greater Yellow-headed Vulture | Х | Х | | P |
| Coragyps atratus | Black Vulture | Х | Х | Χ | Р |
| Sarcoramphus papa | King Vulture | Х | | | P |
| ACCIPITRIDAE | | | | | |
| Leptodon cayanensis | Grey-headed Kite | | | Χ | |
| Elanoides forficatus | Swallow-tailed Kite | Х | | | |
| Harpagus bidentatus | Double-toothed Kite | Х | Х | | P |
| Accipiter superciliosus | Tiny Hawk | Х | | | P, A |
| Geranospiza caerulescens | Crane Hawk | Х | | | |
| Buteogallus schistaceus | Slate-coloured Hawk | Х | | | P |
| Rupornis magnirostris | Roadside Hawk | Х | Х | Χ | P, A |
| RALLIDAE | | | | | |
| Anurolimnas fasciatus | Black-banded Crake | х | х | | P, A |
| Laterallus melanophaius | Rufous-sided Crake | х | х | | |
| | | | | | |

| Scientific name | English name | Mach | Oleo | Creek | Evidence |
|----------------------------|---------------------------|------|------|-------|----------|
| EURYPYGIDAE | | | | | |
| Eurypyga helias | Sunbittern | Х | | | |
| LARIDAE | | | | | |
| Sternula superciliaris | Yellow-billed Tern | | | Х | |
| COLUMBIDAE | | | | | |
| Patagioenas cayennensis | Pale-vented Pigeon | Х | Х | Х | Α |
| Patagioenas subvinacea | Ruddy Pigeon | Х | Х | | P, A |
| Geotrygon montana | Ruddy Quail-Dove | Χ | | | Р |
| Leptotila verreauxi | White-tipped Dove | | Χ | | Α |
| Leptotila rufaxilla | Grey-fronted Dove | Х | | | Α |
| Columbina talpacoti | Ruddy Ground Dove | Х | Χ | Χ | Α |
| Claravis pretiosa | Blue Ground Dove | | Х | | |
| CUCULIDAE | | | | | |
| Crotophaga major | Greater Ani | | | Х | |
| Crotophaga ani | Smooth-billed Ani | Χ | Х | Х | Р |
| Coccycua minuta | Little Cuckoo | Х | Χ | | P |
| Piaya cayana | Squirrel Cuckoo | Χ | Х | | |
| Piaya melanogaster | Black-bellied Cuckoo | Χ | Х | | P, A |
| STRIGIDAE | | | | | |
| Megascops choliba | Tropical Screech Owl | Х | Χ | | Α |
| Lophostrix cristata | Crested Owl | Х | | | P, A |
| Glaucidium brasilianum | Ferruginous Pygmy Owl | Χ | Х | | |
| NYCTIBIIDAE | | | | | |
| Nyctibius grandis | Great Potoo | Х | | | |
| CAPRIMULGIDAE | | | | | |
| Nyctidromus albicollis | Common Pauraque | Х | Χ | | Р |
| APODIDAE | | | | | |
| Cypseloides cryptus | White-chinned Swift | Х | | | P |
| Streptoprocne zonaris | White-collared Swift | Х | | | Р |
| Chaetura egregia | Pale-rumped Swift | Х | | | |
| Chaetura brachyura | Short-tailed Swift | Х | Χ | Χ | |
| Tachornis squamata | Fork-tailed Palm Swift | Χ | Χ | Χ | |
| TROCHILIDAE | | | | | |
| Florisuga mellivora | White-necked Jacobin | Х | Χ | | Р |
| Glaucis hirsutus | Rufous-breasted Hermit | Х | Χ | | Р |
| Phaethornis ruber | Reddish Hermit | Х | | | |
| Phaethornis bourcieri | Straight-billed Hermit | Х | | | |
| Phaethornis malaris | Great-billed Hermit | Х | | | Р |
| Polytmus theresiae | Green-tailed Goldenthroat | | Х | | P, A |
| Anthracothorax nigricollis | Black-throated Mango | Х | Х | | Р |
| Heliomaster longirostris | Long-billed Starthroat | | X | | Р |

| Scientific name | English name | Mach | Oleo | Creek | Evidence | Scientific name | English name | Mach | Oleo | Creek | Evidence |
|---------------------------|-----------------------------|------|------|-------|----------|--------------------------|---------------------------------|------|------|-------|----------|
| Thalurania furcata | Fork-tailed Woodnymph | Х | | | Р | Amazona ochrocephala | Yellow-crowned Parrot | х | | | |
| Amazilia fimbriata | Glittering-throated Emerald | | х | х | Р | Amazona amazonica | Orange-winged Parrot | Х | | | Р |
| TROGONIDAE | · · | | | | | Pionites melanocephalus | Black-headed Parrot | х | | | P, A |
| Trogon melanurus | Black-tailed Trogon | | | Х | | Pyrrhura melanura | Maroon-tailed Parakeet | х | | | |
| Trogon viridis | Green-backed Trogon | х | х | | P, A | Orthopsittaca manilatus | Red-bellied Macaw | х | х | | |
| Trogon ramonianus | Amazonian Trogon | Х | | | | Ara ararauna | Blue-and-yellow Macaw | | х | | Р |
| ALCEDINIDAE | ŭ | | | | | THAMNOPHILIDAE | , | | | | |
| Megaceryle torquata | Ringed Kingfisher | | | х | | Cymbilaimus lineatus | Fasciated Antshrike | х | х | | P, A |
| Chloroceryle aenea | American Pygmy Kingfisher | Х | х | | | Taraba major | Great Antshrike | | | Х | |
| MOMOTIDAE | | | | | | Thamnophilus murinus | Mouse-coloured Antshrike | Х | Х | | P, A |
| Momotus momota | Amazonian Motmot | | х | | | Neoctantes niger | Black Bushbird | Х | | | P, A |
| GALBULIDAE | | | | | | Thamnomanes ardesiacus | Dusky-throated Antshrike | х | х | | P, A |
| Galbalcyrhynchus leucotis | White-eared Jacamar | | | Х | | Isleria hauxwelli | Plain-throated Antwren | х | х | | P, A |
| Galbula albirostris | Yellow-billed Jacamar | Х | | | P | Pygiptila stellaris | Spot-winged Antshrike | х | | | P, A |
| Galbula tombacea | White-chinned Jacamar | Х | х | | Р | Epinecrophylla sp. | antwren sp. | Х | | | P, S |
| Galbula dea | Paradise Jacamar | Х | | | Р | Myrmotherula brachyura | Pygmy Antwren | | | Х | |
| Jacamerops aureus | Great Jacamar | Х | | | Α | Myrmotherula ignota | Moustached Antwren | Х | | | P, A |
| BUCCONIDAE | | | | | | Myrmotherula axillaris | White-flanked Antwren | Х | Х | | P, A, S |
| Notharchus tectus | Pied Puffbird | Х | | | | Myrmotherula menetriesii | Grey Antwren | Χ | | | P, S |
| Bucco macrodactylus | Chestnut-capped Puffbird | | Х | | Р | Hypocnemis peruviana | Peruvian Warbling Antbird | Χ | Х | Χ | P, A |
| Bucco tamatia | Spotted Puffbird | Х | | | P, A | Cercomacra cinerascens | Grey Antbird | | Х | | |
| Bucco capensis | Collared Puffbird | Х | | | | Myrmoborus myotherinus | Black-faced Antbird | Χ | | | Α |
| Nonnula ruficapilla | Rufous-capped Nunlet | Х | | | P, A | Sclateria naevia | Silvered Antbird | Χ | Х | | Α |
| Monasa nigrifrons | Black-fronted Nunbird | Х | | Х | | Myrmelastes leucostigma | Spot-winged Antbird | Х | | Х | P, A |
| CAPITONIDAE | | | | | | Akletos melanoceps | White-shouldered Antbird | Χ | Χ | Χ | P, A |
| Capito aurovirens | Scarlet-crowned Barbet | Х | х | Х | P | Pithys castaneus | White-masked Antbird | Х | | | P, A, S |
| Capito auratus | Gilded Barbet | Х | Х | | P, A | Gymnopithys leucaspis | White-cheeked Antbird | Х | | | |
| RAMPHASTIDAE | | | | | | Gymnopithys lunulatus | Lunulated Antbird | | Χ | | P |
| Ramphastos tucanus | White-throated Toucan | Χ | Х | | | Willisornis poecilinotus | Common Scale-backed Antbird | Χ | | | P, S |
| Ramphastos vitellinus | Channel-billed Toucan | Χ | Х | | | GRALLARIIDAE | | | | | |
| Selenidera reinwardtii | Golden-collared Toucanet | | Х | | | Myrmothera campanisona | Thrush-like Antpitta | Х | | | |
| Pteroglossus inscriptus | Lettered Aracari | Χ | | | | FORMICARIIDAE | | | | | |
| Pteroglossus pluricinctus | Many-banded Aracari | Χ | | Χ | P, A | Formicarius colma | Rufous-capped Antthrush | | Χ | | |
| Pteroglossus azara | Ivory-billed Aracari | Χ | Х | | Р | FURNARIIDAE | | | | | |
| PICIDAE | | | | | | Sclerurus rufigularis | Short-billed Leaftosser | Χ | | | Α |
| Melanerpes cruentatus | Yellow-tufted Woodpecker | Χ | Χ | Χ | P, A | Deconychura longicauda | Long-tailed Woodcreeper | Χ | | | P, A, S |
| Veniliornis passerinus | Little Woodpecker | | Х | Χ | Р | Dendrocincla merula | White-chinned Woodcreeper | Χ | | | Р |
| Veniliornis affinis | Red-stained Woodpecker | Χ | | | Р | Dendrocincla fuliginosa | Plain-brown Woodcreeper | Χ | | | Р |
| Piculus flavigula | Yellow-throated Woodpecker | Χ | | | | Glyphorynchus spirurus | Wedge-billed Woodcreeper | Χ | Χ | | P, S |
| Piculus chrysochloros | Golden-green Woodpecker | Χ | | | Α | Dendrexetastes rufigula | Cinnamon-throated | Χ | Χ | | |
| Colaptes punctigula | Spot-breasted Woodpecker | | Х | Χ | Р | Marian Invainantiis | Woodcreeper | | | | |
| Celeus torquatus | Ringed Woodpecker | Χ | | | | Nasica longirostris | Long-billed Woodcreeper | Χ | | | A |
| Campephilus rubricollis | Red-necked Woodpecker | Χ | | | | Dendrocolaptes certhia | Amazonian Barred Woodcreeper | Х | | | P, A |
| FALCONIDAE | | | | | | Dendrocolaptes picumnus | Black-banded Woodcreeper | х | | | Α |
| Daptrius ater | Black Caracara | Χ | Χ | Х | Α | Xiphorhynchus obsoletus | Striped Woodcreeper | х | | | Р |
| Milvago chimachima | Yellow-headed Caracara | | Χ | | | Xiphorhynchus elegans | Elegant Woodcreeper | х | | | P, A, S |
| Falco rufigularis | Bat Falcon | Χ | | | | Xiphorhynchus guttatus | Buff-throated Woodcreeper | х | х | Х | Α |
| PSITTACIDAE | _ | | | | | Lepidocolaptes duidae | Duida Woodcreeper | х | | • | P, A |
| Brotogeris versicolurus | Canary-winged Parakeet | | Х | Х | A | Microxenops milleri | Rufous-tailed Xenops | х | | | Α |
| Brotogeris cyanoptera | Cobalt-winged Parakeet | Χ | Х | | P, A | Philydor pyrrhodes | Cinnamon-rumped Foliage- | х | | | Α |
| Pyrilia barrabandi | Orange-cheeked Parrot | | Х | | | 1 17 | gleaner | | | | |
| Pionus menstruus | Blue-headed Parrot | Х | Х | Х | | Ancistrops strigilatus | Chestnut-winged Hookbill | х | | | |
| | | | | | | | | | | | |

| Scientific name | English name | Mach | oleo | Creek | Fvidence | | Scientific name | English name | Mach | Oleo | Creek | Evidence |
|--------------------------------|-------------------------------|------|------|-------|----------|--------|---------------------------|----------------------------------|------|------|-------|----------|
| Automolus infuscatus | Olive-backed Foliage-gleaner | | х | | Α | | Machaeropterus regulus | Striped Manakin | х | х | | P, A |
| Synallaxis gujanensis | Plain-crowned Spinetail | х | х | | Ρ, | , A | Dixiphia pipra | White-crowned Manakin | х | х | | P, A, S |
| Synallaxis albigularis | Dark-breasted Spinetail | | х | | Ρ, | , A | TITYRIDAE | | | | | |
| Synallaxis rutilans | Ruddy Spinetail | Х | | | Р | | Tityra inquisitor | Black-crowned Tityra | | Х | | Р |
| TYRANNIDAE | | | | | | | Tityra cayana | Black-tailed Tityra | х | | | |
| Tyrannulus elatus | Yellow-crowned Tyrannulet | Х | х | | Ρ, | , A | Tityra semifasciata | Masked Tityra | х | Х | | |
| Myiopagis gaimardii | Forest Elaenia | Х | х | | | | Laniocera hypopyrra | Cinereous Mourner | х | | х | P, A |
| Myiopagis caniceps | Grey Elaenia | Х | | | | | lodopleura isabellae | White-browed Purpletuft | х | Х | | Р |
| Elaenia spectabilis | Large Elaenia | | х | | Р | | Pachyramphus | White-winged Becard | х | Х | | |
| Ornithion inerme | White-lored Tyrannulet | Х | | | | | polychopterus | | | | | |
| Phaeomyias murina | Mouse-coloured Tyrannulet | | х | | Ρ, | , A | INCERTAE SEDIS | | | | | |
| Corythopis torquatus | Ringed Antpipit | Х | | | Ρ, | , A, S | Piprites chloris | Wing-barred Piprites | Х | | | Α |
| Mionectes oleagineus | Ochre-bellied Flycatcher | Х | | | Ρ, | , S | VIREONIDAE | | | | | |
| Myiornis ecaudatus | Short-tailed Pygmy Tyrant | Х | | | | | Pachysylvia hypoxantha | Dusky-capped Greenlet | Х | | | Α |
| Lophotriccus vitiosus | Double-banded Pygmy Tyrant | Х | х | х | Α | , S | Vireo olivaceus | Red-eyed Vireo | Х | | | |
| Poecilotriccus latirostris | Rusty-fronted Tody-Flycatcher | Х | х | Х | Α | | HIRUNDINIDAE | | | | | |
| Todirostrum chrysocrotaphum | Yellow-browed Tody-Flycatcher | Х | Χ | | | | Stelgidopteryx ruficollis | Southern Rough-winged Swallow | | | Х | |
| Tolmomyias assimilis | Yellow-margined Flycatcher | Х | | | Α | | Progne chalybea | Grey-breasted Martin | Х | | Х | |
| Tolmomyias poliocephalus | Grey-crowned Flycatcher | Х | | | Α | | Tachycineta albiventer | White-winged Swallow | | | Χ | |
| Onychorhynchus coronatus | Royal Flycatcher | Х | | | Ρ, | , A | TROGLODYTIDAE | | | | | |
| Terenotriccus erythrurus | Ruddy-tailed Flycatcher | х | | | | | Microcerculus marginatus | Scaly-breasted Wren | Х | Χ | | Α |
| Neopipo cinnamomea | Cinnamon Manakin-Tyrant | Х | | | Ρ, | , S | Troglodytes aedon | House Wren | | Χ | | |
| Pyrocephalus rubinus | Vermilion Flycatcher | | х | | Р | | Pheugopedius coraya | Coraya Wren | Х | Χ | | P, A |
| Legatus leucophaius | Piratic Flycatcher | | х | | Р | | Cantorchilus leucotis | Buff-breasted Wren | Х | Χ | | Α |
| Myiozetetes similis | Social Flycatcher | Х | х | х | Р | | Henicorhina leucosticta | White-breasted Wood Wren | Х | | | Р |
| Myiozetetes granadensis | Grey-capped Flycatcher | Х | х | х | Р | | Cyphorhinus arada | Musician Wren | Х | | | P, A |
| Myiozetetes luteiventris | Dusky-chested Flycatcher | х | | | Р | | DONACOBIIDAE | | | | | |
| Pitangus sulphuratus | Great Kiskadee | х | х | Х | | | Donacobius atricapilla | Black-capped Donacobius | | Χ | | Α |
| Pitangus lictor | Lesser Kiskadee | | х | | | | TURDIDAE | | | | | |
| Conopias trivirgatus | Three-striped Flycatcher | Х | х | | Ρ, | , A | Turdus ignobilis | Black-billed Thrush | | Χ | Χ | P |
| Myiodynastes maculatus | Streaked Flycatcher | Х | х | | Р | | Turdus albicollis | White-necked Thrush | Х | Χ | | P, A |
| Megarynchus pitangua | Boat-billed Flycatcher | Х | х | х | Ρ, | , A | THRAUPIDAE | | | | | |
| Tyrannopsis sulphurea | Sulphury Flycatcher | Х | | | Α | | Cissopis leverianus | Magpie Tanager | Х | Χ | | P |
| Empidonomus varius | Variegated Flycatcher | | | х | | | Tachyphonus cristatus | Flame-crested Tanager | Х | | | P |
| Empidonomus | Crowned Slaty Flycatcher | Х | | | Р | | Tachyphonus surinamus | Fulvous-crested Tanager | Х | | | P, S |
| aurantioatrocristatus | | | | | | | Tachyphonus rufus | White-lined Tanager | | Χ | | P |
| Tyrannus melancholicus | Tropical Kingbird | Χ | Х | Х | Р | | Ramphocelus nigrogularis | Masked Crimson Tanager | | | Χ | |
| Rhytipterna simplex | Greyish Mourner | Χ | Χ | | Ρ, | , A | Ramphocelus carbo | Silver-beaked Tanager | Х | Χ | Χ | Α |
| Myiarchus ferox | Short-crested Flycatcher | Χ | Х | Χ | Α | | Thraupis episcopus | Blue-grey Tanager | Х | Χ | Χ | |
| Ramphotrigon ruficauda | Rufous-tailed Flatbill | Χ | х | Χ | Α | i. | Thraupis palmarum | Palm Tanager | Х | Χ | Х | |
| Attila cinnamomeus | Cinnamon Attila | | х | | Α | i. | Tangara nigrocincta | Masked Tanager | Х | | | P |
| Attila citriniventris | Citron-bellied Attila | Χ | | | Α | i. | Tangara chilensis | Paradise Tanager | Х | Χ | | P |
| Attila spadiceus | Bright-rumped Attila | Χ | Х | | Ρ, | , A | Tangara velia | Opal-rumped Tanager | Х | | | |
| COTINGIDAE | | | | | | | Tangara callophrys | Opal-crowned Tanager | Х | | | |
| Phoenicircus nigricollis | Black-necked Red Cotinga | Χ | | | Ρ, | , A | Tangara schrankii | Green-and-gold Tanager | Х | Χ | | Р |
| Querula purpurata | Purple-throated Fruitcrow | Χ | Х | | | | Tersina viridis | Swallow Tanager | | Χ | | |
| Cotinga cayana | Spangled Cotinga | Х | | | | | Dacnis lineata | Black-faced Dacnis | | Х | | |
| Lipaugus vociferans | Screaming Piha | Χ | Χ | Χ | Ρ, | , A | Dacnis cayana | Blue Dacnis | Χ | | | Р |
| PIPRIDAE | | | | | | | Cyanerpes nitidus | Short-billed Honeycreeper | Χ | | | Р |
| Tyranneutes stolzmanni | Dwarf Tyrant-Manakin | Х | | | | | Cyanerpes caeruleus | Purple Honeycreeper | Χ | | | |
| Lepidothrix coronata | Blue-crowned Manakin | Х | | | Ρ, | , A | Cyanerpes cyaneus | Red-legged Honeycreeper | | Х | | Р |
| Manacus manacus | White-bearded Manakin | Х | х | | P, | , A, S | Chlorophanes spiza | Green Honeycreeper | Х | х | | |

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| Hemithraupis flavicollis | Yellow-backed Tanager | Х | | | | ICTERIDAE | | | | | |
| Saltator maximus | Buff-throated Saltator | Х | Х | | P, A | Psarocolius angustifrons | Russet-backed Oropendola | Х | Х | | Р |
| Saltator coerulescens | Greyish Saltator | Х | Х | | P, A | Psarocolius viridis | Green Oropendola | | | х | |
| Volatinia jacarina | Blue-black Grassquit | | Χ | | P | Cacicus solitarius | Solitary Black Cacique | | Х | | P, A |
| Sporophila castaneiventris | Chestnut-bellied Seedeater | | Х | | | Cacicus cela | Yellow-rumped Cacique | Х | Х | Х | |
| Sporophila angolensis | Chestnut-bellied Seed Finch | Х | Χ | | P, A | Icterus cayanensis | Epaulet Oriole | Х | Х | | |
| Sporophila murallae | Caqueta Seedeater | | 2 | X | | Lampropsar tanagrinus | Velvet-fronted Grackle | | | Х | P |
| EMBERIZIDAE | | | | | | FRINGILLIDAE | | | | | |
| Ammodramus aurifrons | Yellow-browed Sparrow | Х | Χ | | P, A | Euphonia chrysopasta | Golden-bellied Euphonia | Х | | | |
| CARDINALIDAE | | | | | | Euphonia minuta | White-vented Euphonia | Х | Х | | P, A |
| Habia rubica | Red-crowned Ant Tanager | х | | | Р | Euphonia rufiventris | Rufous-bellied Euphonia | х | Х | | P, A |