

# The Birds of Northern Peru

Naturetrek Tour Report

4th – 20th October 2023

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Marvelous Spatuletail



Long-Whiskered Owlet



Crescentchest



Chestnut Antpitta

Tour report and photos provided by tour participant Alan Woodward, to whom we express our thanks.

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Tour participants: Alejandro Solano (leader) with 9 Naturetrek Clients.

## Day 1

**Wednesday 4th October**

The group successfully arrived in Lima, on a KLM flight via Amsterdam, and made rendezvous with our local leader Alejandro. Overnight Hotel El Senorial.

## Day 2

**Thursday 5th October**

### Flight from Lima to Iquitos & boat to Muyuno Amazonian Lodge

We were up early for a 5.00am transfer to the airport, for a 7.15am Star Peru flight to Iquitos. We had a short stop at Taraputo on the way, but still arrived at Iquitos by 11.00. A minibus collected us and drove us to the Amazon River where we met up with our local Muyuna guide, Moises ("Moses"). We then proceeded by boat to the Yama Yalu River. Here the river was too shallow in places, so we had to walk through Ayacucho village before rejoining the boat for the final leg to Muyuna lodge, arriving at 3.00pm. The lodge is on the edge of the Pacaya-Samaria Reserve, a unique habitat of flooded or várzea forest. We had a productive late afternoon birding session along the river until the rain came and darkness descended. Bird highlights included Horned Screamer, a perched Yellow-billed Tern, White-eared Jacamar, Scarlet-crowned Barbet, Red-and-white Spinetail and a timid Band-tailed Antbird. Several Brown-throated Three-toed Sloths in the trees lining the riverbank trumped them all for some of us. Dinner was at 7.00pm. Overnight Muyuna Lodge.

## Day 3

**Friday 6th October**

### Muyuna Lodge

The lodge is remotely situated, with no internet, no phone signal, not even a satellite connection. Actually, this was a blessing as it aided relaxation and was a welcome change from 'normal' life. Birding started after our 6.00am breakfast, and we explored some of the trails in the jungle around the lodge before the heat of the day set in. A number of good birds were added despite the difficult canopy viewing, including both male and female Wire-tailed Manakin, several skulking antbirds, and three perched Blue-and-yellow Macaws. After about two hours, we returned to the lodge for a boat trip along the river for the rest of the morning. Birding the tall trees of the riverbank was difficult, particularly as most new birds were small. Still, we added a number, including Bluish-fronted & Blue-cheeked Jacamars, Purple-throated Fruitcrow, a Chestnut-eared Aracari and a Gray-headed Kite. We went back to the lodge for a midday lunch of fried banana crisps and chicken, followed by a siesta until setting off again at 3.30pm.

We saw many new species: Sungrebe, five woodcreeper species, Black-tailed Tityra, Thrush-like Wren, Red-bellied Macaw, Paradise Jacamar and Plum-throated Cotinga. The weather this evening was good, so we were able to see a spectacular river sunset, then back for dinner at 7.00pm, followed by night-time owling. After an unsuccessful attempt to lure in a Tropical Screech Owl which had been heard regularly in the lodge grounds, we switched our attention to finding the rarer Black-banded Owl, which was known to roost near the lodge garden. On the way we were delayed by rather large and noisy land frogs, both male and female, a scorpion and a tarantula. The owl,

however, was more difficult and it took roughly an hour before it was located. A fine view of this special bird was a fitting end to the day. Overnight Muyuna Lodge.

## Day 4

**Saturday 7th October**

### Muyuna Lodge

We made an early (5.30am) start on the river: we were out for four hours and saw 52 species, many seen for the first time on the trip: too many to list! Highlights included Dusky-tailed Flatbill, Varzea Schiffornis, Tui Parakeet, and Ferruginous Pygmy Owl. On the way we had a female Masked Duck, a first for Moises in 23 years of birding at the lodge. We also viewed our first Spectacled Cayman, a family of Capybara (the world's largest rodent), a cute Night (or Owl) Monkey and group of Brown Capuchin monkeys. We returned to the lodge for check-listing and lunch, followed by downtime until the temperature became more bearable.

At 3.30pm we found a Bar-breasted Piculet in the lodge grounds and viewed a riverbank roost of three Long-nosed Bats, before taking the boat downriver to a place for a couple of special, difficult birds: White-shouldered Antbird and Musician Wren. Both were heard well, but only the wren was seen. But perhaps the star attractions were the Northern Pygmy Marmosets, not much bigger than a fist and so tame you could have picked them up (we didn't, of course). We just about managed to avoid a thunderstorm and torrential rain upon our return. The storm had abated by the time we had finished dinner so a small group of us went out again in the boat for an hour of night spotting. This was productive with a roosting Boat-billed Heron and a close-up Sungrebe. A Boa Constrictor was entwined on a dead branch and a Bulldog Fishing-bat was circling above. A rather large dragon fish also happened to fly out of the water and ended up writhing in our boat! We returned it safely to its river home, marking the end of another satisfying day. Overnight Muyuna Lodge.

## Day 5

**Sunday 8th October**

### Back to Iquitos

Yesterday we missed seeing a Wattled Curassow, a major target bird for the trip. Our lodge name, Muyuna, is the indigenous word for this bird, and the lodge is one of only a few places in the world that the species can be seen. So today we had another go, leaving by boat at 4.30am and going to another area where it can be seen. We watched and played a tape until dawn, but sadly with no response. This was no surprise, as not only is it very secretive, but this bird has also been hunted almost to extinction. So, not too dismayed, we proceeded to the Amazon River and accessed one of its islands. The islands are often flooded, and therefore have unique sandy soils with fresh vegetation: they are home to some special birds. By the time we set foot on the island, the sun was already up and the temperature high. Birding was therefore difficult, with little shade and the birds having largely already fed. Still, some good birds were seen, with only glimpses for some: Collared Plover, Parker's Spinetail, Castelnau's Antshrike, Ash-breasted Antbird, Lesser Wagtail-Tyrant, Riverside Tyrant and Little Ground-tyrant.

We then had to say our farewells to Moises and staff, and make the 60-mile boat plus 1.5-hour bus journey back to Iquitos for one night in our central hotel, the Victoria Regina. The streets were buzzing with brightly coloured mototaxis, the motorized Peruvian counterparts of the Indian rickshaw. The drivers were honking and screaming all the time and usually the vehicles were overlaid with purchases such as the largest, latest flat screen TV or large

ladder, or a large family with wheelchair! Iquitos is in the lowlands of northeastern Peru, in the province of Loreto. It is the jungle city par excellence and can be reached only by boat or plane. Yet, it counts almost half a million inhabitants, making it the largest city in the world that is not connected by road to other cities. Iquitos has grown through the rubber and logging industries. The houses in the old town date back to the early twentieth century, when the rubber trade was in its heyday and foreign traders came to settle here. The city is located on the Amazon River and therefore, like Manaus, is an important transit port for tropical hardwood. Once we reached Iquitos we had phone service restored, and a Wi-Fi connection in the hotel after an absence of four days! Overnight Hotel Victoria Regina, Iquitos.

## Day 6

Monday 9th October

### Iquitos to Chiclayo via Lima

Our last birding in the Amazon region was spent in a white sand forest of the Allpahuay-Mishawaka reserve south of Iquitos. We left at 5.00am and had from 6.00-10.00am birding. We were 800 kilometres away from the nearest beach and 400 metres above sea level, but apparently this area was separated and uplifted from the coast when the Andes mountains were created. The soils are nutrient-poor, resulting in a very slow-growing forest rich in special species. The birding was productive with specialities Yellow-billed Nunbird, Black-headed Parrot, three species of aracari (Lettered, Many-banded & Ivory-billed), perched views of a pair of Green-backed Trogon and a Double-toothed Kite. The rest of the day was spent travelling, including flights from Iquitos to Lima and from Lima up the Pacific coast to Chiclayo. We arrived at our hotel at 8.00pm. Overnight Casa Andina, Chiclayo.

## Day 7

Tuesday 10th October

### To Chaparri Lodge

We made a 6:30am departure for an excursion to the Pacific coast for gulls and a wetland area nearby. We had to drive through flooded streets as there had been a heavy downpour overnight and the city's drainage system couldn't cope. Our first sighting, Coastal Miner, was an endemic, as was the Peruvian Plantcutter seen later. Perhaps the highlight was a flighty Wren-like Rushbird with a very distinctive voice in a relatively wind-free area of rushes. On the way we also saw a group of Peruvian Thick-knees amongst the city's roadside refuse. We then had a long drive north to the dry forests of the Tumbesian region and to our lodge for two nights in the Chaparri Ecological Reserve, arriving for a late lunch at 2.30pm. It wasn't long before we were on a walk in the reserve and chalking up another endemic species, namely the critically endangered White-winged Guan, and some near-endemics: Elegant Crescentchest (a tapaculo), White-headed Brushfinch and the smart White-tailed Jay. The end of the walk took us to a large, electrified fence enclosure containing an Andean (Spectacled) Bear (a relative of the much-loved fictional Paddington bear), one of the resident species cared for in the reserve. A Sechuran Fox is another, and these are allowed to roam around the lodge. Overnight Chaparri Lodge.

## Day 8

Wednesday 11th October

### Chaparri Ecolodge & road just past Casupe

We made a 5.00am departure by minibus along a rocky dirt track up the hillside to approximately 1000m, past the small village of Casupe. Along the way, our headlights disturbed both Tshudi's and Scrub Nightjars on the road. Having got out of the vehicle at our destination we birded both tree-tangled sides of the road, only stopping for an *al fresco* breakfast set up by our driver and local guide. Birding was once again difficult, but by persevering for several hours, good birds were viewed including Yellow-olive Flycatcher, Pacific Elaenia, Rufous-necked Foliage-gleaner, Guayaquil Woodpecker, Long-billed Starthroat and Gray-chinned Hermit. On our return for lunch at the lodge at 12.30pm we stopped for a flyover King Vulture. After lunch we took the opportunity to re-visit the Andean Bear, as the group were given some downtime in the heat of the day. This was rewarded with the bear taking a bath to cool off, which was quite a thing to see!

Birding restarted at 3.45pm from the lodge balcony, followed by a walk downhill along a trail by the dry riverbed until dusk. Two hours of blissfully productive birding followed, culminating in Peruvian Pygmy Owl madness. Birds included some Tumbes specialties, the Hummingbird, Tyrant and Sparrow, a Short-tailed Field Tyrant, a flock of about 50 Red-masked Parakeets spooked by a Harris's Hawk, and what seemed to be a family of six Scarlet-backed Woodpeckers. Whilst we were able to draw in a Pacific (Peruvian) Screech Owl just before dinner, we were unable to locate the bird in the dense tree foliage. Overnight Chaparri Lodge.

## Day 9

Thursday 12th October

### Chaparri Ecolodge, Tinajones reservoir, Lambayeque, Museo der Senor del Sipan and onto Los Faiques Ecolodge, Salas

Having had more views of birds from the lodge, including a pair of Yellow-tailed Oriole, we moved on and returned to Chiclayo. On the way we added Snowy-throated Kingbird and finally managed views of the elusive Necklaced Spinetail. We made a short detour to Tinajones reservoir, and among the many Comb Duck and common species we observed the rarer Roseate Spoonbill and both White-rumped and a small group of Western Sandpipers. At Lambayeque we stopped for lunch and in the afternoon visited the Lords of Sipán museum. Everyone knows about the 16th century Incas, but little is known outside Peru about the Muchik, the just as impressive civilisation which existed as early as the 4th century along the north-west coast. This museum, voted one of the best small museums in the world, is totally dedicated to this society, which lasted 600 years or so. We proceeded north-eastwards, inland towards the Andes, stopping just twice to view a group of Chestnut-collared Swallows and a perched Savanna Hawk. We arrived at Los Faiques Ecolodge, near Salas, at 5.30pm just in time for a brief walk in the grounds and views of Lesser Nighthawk gyrating in the sky. Overnight Los Faiques Ecolodge.

## Day 10

Friday 13th October

### Los Faiques to Urqu Hotel, Jaen via Abra Porculla Pass

We set off at 5.00am for our journey through the Andes using the lowest pass available, Abra Porculla (2255m). Once again, we had a very civilised breakfast prepared by Baldo our driver on the western slope just before the

pass. Baldo even got passing lorries to stop, thinking it was a roadside café! Meanwhile the birding was highly successful: highlights included fine views of Chapman's Antshrike, Elegant Crescentchest and Hooded Siskin. Other birds of note were Bay-crowned Brushfinch, Three-banded Warbler, Tumbes Pewee and Ecuadorean Piculet.

Having crossed the Andes, we took lunch at a tilapia restaurant & fish farm. The tilapia was deep-fried and came with fries (i.e. fish and chips), which made for a splendid meal. There were even a few birds admiring the fish pools and cuisine and we had our first Purple-throated Euphonia. Our progress through the pass was hampered by roadworks, but this gave us the opportunity to admire the breathtaking scenery. Having dropped off our luggage at the Urqu Hotel, we set out for more birding, a little north and just 50 miles from the Peru-Ecuador border. We were now on the eastern side of the western Andes (in Marañón) and seeing different species. Many of the new birds started with the word Marañón, like Marañón Tyrannulet and Thrush. Speckle-breasted Wren and Tropical Gnatcatcher, Northern Slaty Antshrike, Blue Ground Dove and Buff-bellied Tanager were also seen. Overnight Urqu Hotel, Jaen.

## Day 11

**Saturday 14th October**

### Jaen to Huembo Reserve via the Utcubamba river valley

After a 7.00am start, our first stop was on a track close to the bridge over the Marañón river for Little Inca Finch. Other notable birds seen were Brown-crested Flycatcher, Ecuadorean Ground Dove and a pair of Rufous-fronted Thornbirds. We then headed to the spectacular Utcubamba river valley, making a brief stop for Marañón Spinetail. A pair of Fasciated Tiger-heron were seen fishing in the river from the bus, and a further stop was made for Chestnut-collared Swift.

Our next stop for lunch by the river was productive with a cracking view of an Inca (Green) Jay another likely "Marañón" split. This was followed with good views of Black-necked Woodpecker, Black-lored Yellowthroat, Silver-backed (aka Silvery) Tanager, and our first Lesser Goldfinch. After lunch, attempts to find Torrent Duck were unsuccessful, but Baldo located a White-capped Dipper, (White-winged) Black Phoebe and a pair of Marañón (aka Peruvian) Pigeons. We arrived at our accommodation on the Huembo Reserve mid afternoon in time to view their hummingbird feeders. Here we added ten species of "hummers", including their speciality, the endemic Marvellous Spatuletail, with its remarkable long tail feathers ending in round "brackets" which can curve back over their body. Relatively unnoticed was a Sickie-winged Guan. Overnight Huembo Reserve.

## Day 12

**Sunday 15th October**

### Huembo Reserve to Owlet Lodge via Pomacochas lake

The focus today was mainly on hummingbirds, starting with a second chance on the Huembo lodge feeders. Virtually the same ones were seen, but in better light, and we did add Green-tailed Trainbearer. A walk in the lodge grounds was productive, with Acuña's Spinetail, Brown-capped Vireo, Pale-edged Flycatcher and a brief view of Buff-browed Foliage-gleaner. We then drove to Pomacochas to be greeted with what sounded like gunshots: 15th October was the day the town was founded, so they were having a fiesta to celebrate the anniversary. Despite the crowds and noise, we proceeded to the lake and were fortunate to see a number of very good birds: Andean

Lapwing, Black-crested Warbler, Puna Snipe, and the usually secretive Plumbeous Rail. The Rufous-capped Antshrike, though heard, remained hidden. We then moved on to our accommodation for the next two nights, the famous Owlet Lodge in the humid, stunted forests of Abra Patricia, home to some of Peru's least-known species. Here there were more feeders and new hummers: Amethyst-throated Sunangel, Long-tailed Sylph, Emerald-bellied Puffleg, Fawn-breasted Brilliant and Collared Inca. After a break in proceedings for lunch and a downpour, we resumed again mid-afternoon for a drive in the vicinity of the lodge. This was productive, with a pair of Torrent Ducks living up to their name in the fast-flowing river. This coincided with a flock of birds passing through, which included Great Thrush, White-collared Jay, Mountain Cacique and Crimson-mantled Woodpecker. Further down the road we saw three more hummers: Royal Sunangel, Buff-thighed Puffleg and Peruvian Racket-tail. The day's birding was completed with Sulphur-bellied Tyrannulet, Rufous-tailed Tyrant, Rufous-browed Peppershrike, Blue-winged Mountain Tanager, Beryl-spangled Tanager and the colourful Johnson's (aka Lulu's) Tody-Flycatcher. An attempt to call in a screech-owl after dinner was unsuccessful. Overnight Owlet Lodge.

## Day 13

Monday 16th October

### Owlet Lodge and Abra Patricia

We made a 6.15am start for the feeding of a habituated Chestnut Antpitta, and had glorious views. The Rusty-tinged Antpitta was less helpful and turned down the offered feed. The rest of the morning was very difficult, as we were unable to locate a feeding flock. Instead, Alejandro did his best to coax the resident birds out of their dark forest strongholds. We birded around our rooms, up on the lodge's canopy tower and along the busy road (being careful not to be carried away by the large, heavily-laden lorries). Surprisingly though, we added a good number of birds thanks to our guide's ID skills. These included Rufous Spinetail, Grass-green, Saffron-crowned, Blue-capped & Yellow-scarfed Tanagers, Mountain Wren, Mottle-cheeked and Peruvian Tyrannulets, Spectacled Redstart, Montane Woodcreeper, Green-and-black Fruiteater and Bluish Flowerpiercer.

We took an early lunch and started again at 2.30pm, working our way downhill from the environs of the lodge, looking for flocks of tanagers and initially dodging the rain. On this occasion we were very successful and having been fortunate to find a flock passing through, we were mesmerised by the quantity of new species and how colourful and active they were. A Vermilion Tanager and a Blue-naped Chlorophonia in the same tree seemed to herald the oncoming surge as Yellow-throated, Spotted, Golden, Metallic-green, Blue-browed and other tanagers passed through. The tanagers were accompanied by other species including Oleaginous Hemispingus, Montane Foliage-gleaner, Orange-bellied Euphonia and Three-striped Warbler. On the way back we stopped again for Royal Sunangel and had a close view of a singing Andean Solitaire.

The stay at Owlet Lodge would not have been complete without an attempt at finding the enigmatic Long-whiskered Owlet. This involved a two-kilometre torchlit forest walk in the dark, with lodge guide Roberto, down a very muddy and slippery trail, made worse by the very recent rain. Having listened to sounds of the forest, including that of a relatively close Rufous-banded Owl, we finally reached a point where we could hear faint calls from an owlet. Having tried unsuccessfully to attract the bird for fifteen minutes or so, we moved position and this time we gained the interest of two owlets. Eventually, the calls of the closer one suddenly stopped, and Roberto's torchlight scan of the trees revealed the Long-whiskered Owlet in all its splendour on a horizontal branch: a satisfying end to a memorable day! The trek back uphill was a mere formality. Along the way back we

had the bonus of seeing a Cinnamon Flycatcher nest and young on a rock face by the track. Overnight Owllet Lodge.

## Day 14

**Tuesday 17th October**

### Owlet lodge to the Waqanki lodge, Moyobamba

We had a 5.00am breakfast for an early departure down the eastern slope of the Andes to the lowlands of the Alta Mayo valley. Our first stop was the Arena Blanca Reserve for the 7.00am tinamou feeding. Here, from the confines of a hide, we were able to see the bossy Cinereous Tinamou, followed by Little Tinamou and its young feeding. A pair of Gray-fronted Dove were also in attendance. The reserve warden then showed us the reserve's garden and the fruits of his labour, including many flowering plants to attract hummingbirds. Soon we were seeing new ones including Amethyst Woodstar, Gray-breasted Sabrewing, Sapphire-spangled and Golden-tailed Emerald, Many-spotted Hummingbird and the delightful Rufous-crested Coquette. The reserve is currently being transformed to accommodate guests, and we finished our stay admiring the bird life near to where the guest rooms are being built. We were treated to a galaxy of birds including Fiery-capped Manakin, Chestnut-eared Aracari, Golden-collared Toucanet, Varzea, Swainson's and Black-billed Thrushes, and Magpie, White-lined and Black-bellied Tanagers.

Moving on, our next stop was for lunch at the Yacumama resort. Whilst waiting for lunch, we walked around the bird-rich lakes and palms adding views of Lafresnaye's Piculet, Sulphury Flycatcher, Thick-billed, Golden-bellied & White-vented Euphonias, and after some persuasion, Point-tailed Palmcreeper. Our penultimate stop was a detour to some rice fields en route. Highlights there were Limpkin, Purple Gallinule, Brazilian Teal, Masked Duck, Little Woodpecker, Lined Antshrike, Black-billed Seed Finch, Pale-eyed Blackbird and (the usually difficult) Spotted Rail with young, in a gap between two rice field patches. We reached our destination, Waqanki Lodge near the town of Moyobamba, in time for a short period of birding the grounds, with occupied Pale-breasted Thrush nests, Black-bellied Tanagers, and our first Speckled Chachalaca for the trip, along with Streaked Flycatcher, Blue-tailed Emerald and Violet-headed Hummingbird feeding on the flowers. Overnight Waqanki Lodge.

## Day 15

**Wednesday 18th October**

### Waqanki lodge, Moyobamba

The group split after breakfast and birding in the lodge grounds, with Alejandro taking some on a trail up into the forest, and some staying behind for a little R&R by the hummingbird feeders. Birding the trail was a little slow at first and yet a good number of new species were seen, including Rufous and Broad-billed Motmots perched together, Black-and-white Hawk-Eagle, Wing-barred Piprites, White-bellied Pygmy Tyrant, Gray-capped Flycatcher, Guira & Yellow-crested Tanagers, Cerulean Warbler and American Redstart, whilst many Swallow-tailed Kites circled overhead.

The feeders, meanwhile, were also busy, with a few new hummers: White-necked Jacobin, a scruffy Brown Violetear, Fork-tailed Woodnymph and Great-billed Hermit. Lunch was taken at 12.30, and we gathered again at the minibus at 3.00pm for a drive north through Moyobamba, ending at the banks of the Mayo river. We stopped along the way in grassy scrub amongst cultivated wetland. Target birds included Chestnut-bellied Seed Finch, which was seen well after a little persuasion. Incidentals included Orange-backed Troupial and a White-banded Swallow

meandering along the river. But perhaps the stars of the afternoon were two Blackish Rail and a crane sp. (a Russet-crowned Crane was heard) crossing the track in front of our vehicle. One rail even made a second appearance with a little help from playing its call. Owling after dinner brought in a cracking Band-bellied owl to neatly cap the day. Overnight Waqanki Lodge.

## Day 16

Thursday 19th October

### Moyobamba to Tarapoto

As this was to be our last full day, we tried to make the most of it by leaving early with our luggage. Our first stop was at Morro de Calzada, a rather conspicuous bird-rich 550m natural feature in a protected reserve. We started by spending time viewing from a canopy tower, the highlights being both Channel-billed and White-throated Toucans, Swallow Tanager and brief views of our target, the endemic Mishana Tyrannulet. Afterwards we met the reserve warden for the feeding of both Rufous-sided and Russet-crowned crakes. The former performed well, eating the worms placed for him, but the Russet-crowned was shy and only gave us a brief performance. The reserve also had hummingbird feeders and we were able to add Black-throated Hermit to the trip list. Before leaving the reserve we also had good views of Blue-crowned Trogon and Variegated Flycatcher, and we were entertained by the antics of the diminutive Illiger's Saddle-back Tamarin monkey.

It was now time to move on to our destination, Tarapoto. On the way we stopped at Quiscarumi Creek, a narrow gorge visible from a footpath on the side of a road bridge. Here, we had excellent views of a colony of Oilbirds, both perched and in the air. We arrived at our hotel, the Cumbaza in Tarapoto, later than planned at just after 2.00pm. We set off again after lunch at 3.30pm for Ricuricocha lake, making a stop on the way for good views of a roosting Stygian Owl near to the University. This turned out to be the 500th bird species of the trip: a worthy milestone bird. We observed our first Black-bellied Whistling-duck on the lake, with similar numbers of Comb Duck. Birding the vegetation around the lake was highly productive, with both Rusty-backed and Stripe-chested Antwren, White-browed Antbird (heard only), Sulphur-bellied Tyrant-manakin, Common Tody-flycatcher, Pearly-vented Tody-tyrant, Ashy-headed Greenlet and a surprising sighting of a resting Scissor-tailed Nightjar, which then gave us flight views. Meanwhile, groups of Hoatzin and Chestnut-eared Aracari could be seen as they went to roost for the night. We returned to our hotel and had our last dinner of the trip. After the meal we said our goodbyes to Baldo, who was leaving us for a new birding group doing a similar itinerary but in the reverse order. Overnight Cumbaza Hotel.

## Day 17

Friday 20th October

### Flights Tarapoto to Lima, Callao & Lima to Amsterdam

Our last day in Peru. The flight to Lima took off just after 8.00am and we were clear of Lima airport by 10.00am, from where we were transported north-west to Callao on the coast for our last birding. Almost immediately we were seeing Belcher's Gull flying with Kelp Gull, and soon other new birds were added: Peruvian Booby, Blackish Oystercatcher and Guanay Cormorant. Further along, a wetland yielded a number of waders including a flock of Semipalmated Sandpiper disturbed by a passing Peregrine Falcon. There were many Franklin's and possibly one or two Laughing Gulls (although these are easily confused with juvenile Franklin's), plus Semipalmated and Black-bellied Plovers and many (Hudsonian) Whimbrel. Our final group meal of the trip (with check-listing) was held at

a seafood restaurant with fabulous views of the harbour and the Pacific, and a very confiding Ruddy Turnstone around our feet. And as if by magic, the bird most of us really wanted today, the Inca Tern, gave a close appearance. All too soon, it was time for our homeward flights to Amsterdam and London. So, it was back to Lima airport, farewells and thanks to Alejandro, who had managed such a faultless trip and provided so many memories for us to treasure.



Stygian Owl, Inca Tern and Torrent Ducks

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## Species lists

Birds (H = Heard only)

| E=Endemic, N=Near-endemic I=Introduced |                                 | October 2023 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
|--|---------------------------------|--------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| Common name                            | Scientific name                 | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Cinereous Tinamou                      | <i>Crypturellus cinereus</i>    |              |   |   |   | H |    |    |    |    |    |    |    | ✓  | H  |    |    |  |
| Little Tinamou                         | <i>Crypturellus soui</i>        |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Undulated Tinamou                      | <i>Crypturellus undulatus</i>   |              | H | H |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Tataupa Tinamou                        | <i>Crypturellus tataupa</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    | H  |    |  |
| Horned Screamer                        | <i>Anhima cornuta</i>           | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-bellied Whistling Duck           | <i>Dendrocygna autumnalis</i>   |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Torrent Duck                           | <i>Merganetta armata</i>        |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Comb Duck                              | <i>Sarkidiornis sylvicola</i>   |              |   |   |   |   | ✓  |    | ✓  | ✓  |    |    |    | ✓  |    | ✓  |    |  |
| Cinnamon Teal                          | <i>Spatula cyanoptera</i>       |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    |    |    |    |    |  |
| White-cheeked Pintail                  | <i>Anas bahamensis</i>          |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Masked Duck                            | <i>Nomonyx dominicus</i>        |              |   | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Brazilian Teal                         | <i>Amazonetta brasiliensis</i>  |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Speckled Chachalaca                    | <i>Ortalis guttata</i>          |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Andean Guan                            | <i>Penelope montagnii</i>       |              |   |   |   |   | ✓  |    |    |    |    |    | ✓  |    |    |    |    |  |
| White-winged Guan - E                  | <i>Penelope albipennis</i>      |              |   |   |   |   |    | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Sickle-winged Guan                     | <i>Chamaepetes goudotii</i>     |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Lesser Nighthawk                       | <i>Chordeiles acutipennis</i>   |              |   |   |   |   |    |    | ✓  | ✓  |    |    |    |    |    |    |    |  |
| Short-tailed Nighthawk                 | <i>Lurocalis semitorquatus</i>  | ✓            |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous-bellied Nighthawk               | <i>Lurocalis rufiventris</i>    |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Pauraque                               | <i>Nyctidromus albicollis</i>   |              |   | H | H |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Anthony's Nightjar                     | <i>Nyctidromus anthonyi</i>     |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Schudis Nightjar                       | <i>Systellura decussata</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Ladder-tailed Nightjar                 | <i>Hydropsalis climacocerca</i> |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Scissor-tailed Nightjar                | <i>Hydropsalis torquata</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Oilbird                                | <i>Steatornis caripensis</i>    |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Great Potoo                            | <i>Nyctibius grandis</i>        |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Common Potoo                           | <i>Nyctibius griseus</i>        |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                    | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Chestnut-collared Swift                | <i>Streptoprocne rutila</i>        |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| White-collared Swift                   | <i>Streptoprocne zonaris</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  | ✓  |    | ✓  |    |  |
| Short-tailed Swift                     | <i>Chaetura brachyura</i>          | ✓            | ✓ |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Fork-tailed Palm Swift                 | <i>Tachornis squamata</i>          | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| White-necked Jacobin                   | <i>Florisuga mellivora</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Rufous-breasted Hermit                 | <i>Glaucis hirsutus</i>            |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Black-throated Hermit                  | <i>Phaethornis atrimentalis</i>    |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Grey-chinned Hermit                    | <i>Phaethornis griseogularis</i>   |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Planalto Hermit                        | <i>Phaethornis pretrei</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Great-billed Hermit                    | <i>Phaethornis malaris</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Green-fronted Lancebill                | <i>Doryfera ludovicae</i>          |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Brown Violetear                        | <i>Colibri delphinae</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Lesser Violetear                       | <i>Colibri cyanotus</i>            |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Sparkling Violetear                    | <i>Colibri coruscans</i>           |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  | ✓  | ✓  |    |    |  |
| Black-throated Mango                   | <i>Anthracothonax nigricollis</i>  |              |   | ✓ |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Amethyst-throated Sunangel             | <i>Heliangelus amethysticollis</i> |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Royal Sunangel - N                     | <i>Heliangelus regalis</i>         |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Rufous-crested Coquette                | <i>Lophornis delattrei</i>         |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Speckled Hummingbird                   | <i>Adelomyia melanogenys</i>       |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Long-tailed Sylph                      | <i>Agelaiocercus kingii</i>        |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Green-tailed Trainbearer               | <i>Lesbia nuna</i>                 |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Greenish Puffleg                       | <i>Haplophaedia aureliae</i>       |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Emerald-bellied Puffleg                | <i>Eriocnemis aline</i>            |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Marvelous Spatuletail - E              | <i>Loddigesia mirabilis</i>        |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Bronzy Inca                            | <i>Coeligena coeligena</i>         |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Collared Inca                          | <i>Coeligena torquata</i>          |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Chestnut-breasted Coronet              | <i>Boissonneaua matthewsii</i>     |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Peruvian Racket-tail - N               | <i>Ocreatus peruanus</i>           |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Fawn-breasted Brilliant                | <i>Heliodoxa rubinoides</i>        |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Violet-fronted Brilliant               | <i>Heliodoxa leadbeateri</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Long-billed Starthroat                 | <i>Heliomaster longirostris</i>    |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |

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| Purple-collared Woodstar - N           | <i>Myrtis fanny</i>              |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| White-bellied Woodstar                 | <i>Chaetocercus mulsant</i>      |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Amethyst Woodstar                      | <i>Calliphlox amethystina</i>    |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Blue-tailed Emerald                    | <i>Chlorostilbon mellisugus</i>  |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Violet-headed Hummingbird              | <i>Klais guimeti</i>             |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Grey-breasted Sabrewing                | <i>Campylopterus largipennis</i> |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Fork-tailed Woodnymph                  | <i>Thalurania furcata</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Tumbes Hummingbird - N                 | <i>Thaumasius baeri</i>          |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Spot-throated Hummingbird - E          | <i>Thaumasius taczanowskii</i>   |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Many-spotted Hummingbird               | <i>Taphrospilus hypostictus</i>  |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Olive-spotted Hummingbird              | <i>Talaphorus chlorocercus</i>   |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Amazilia Hummingbird - N               | <i>Amazilia amazilia</i>         |              |   |   |   | ✓ |    | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |  |
| Andean Emerald                         | <i>Uranomitra franciae</i>       |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Golden-tailed Sapphire                 | <i>Chrysuronia oenone</i>        |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Glittering-throated Emerald            | <i>Chionomesa fimbriata</i>      |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Sapphire-spangled Emerald              | <i>Chionomesa lactea</i>         |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| White-bellied Hummingbird              | <i>Elliotomyia chionogaster</i>  |              |   |   |   |   |    |    |    |    | ✓  | ✓  |    |    |    |    |    |  |
| Greater Ani                            | <i>Crotophaga major</i>          | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    | H  |    |    |  |
| Smooth-billed Ani                      | <i>Crotophaga ani</i>            | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Groove-billed Ani                      | <i>Crotophaga sulcirostris</i>   |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |
| Striped Cuckoo                         | <i>Tapera naevia</i>             |              |   |   |   |   |    |    |    | H  |    |    |    |    |    |    |    |  |
| Little Cuckoo                          | <i>Coccyzua minuta</i>           | H            | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Squirrel Cuckoo                        | <i>Piaya cayana</i>              |              | ✓ | ✓ |   | ✓ |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |    |  |
| Dark-billed Cuckoo                     | <i>Coccyzus melacoryphus</i>     | 1            |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Rock Dove - I                          | <i>Columba livia</i>             | ✓            |   |   | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  |    |    |    | ✓  | ✓  | ✓  | ✓  |  |
| Band-tailed Pigeon                     | <i>Patagioenas fasciata</i>      |              |   |   |   |   |    |    |    | ✓  |    |    | ✓  |    |    |    |    |  |
| Pale-vented Pigeon                     | <i>Patagioenas cayennensis</i>   |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Maranon Pigeon                         | <i>Patagioenas oenops</i>        |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Plumbeous Pigeon                       | <i>Patagioenas plumbea</i>       |              |   |   | ✓ | H |    |    |    |    |    |    |    |    |    |    |    |  |
| Ruddy Pigeon                           | <i>Patagioenas subvinacea</i>    |              |   |   |   | H |    |    |    |    |    |    |    |    |    |    |    |  |
| Ecuadorian Ground Dove                 | <i>Columbina buckleyi</i>        |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Ruddy Ground Dove                      | <i>Columbina talpacoti</i>        | ✓            |   |   |   | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Croaking Ground Dove                   | <i>Columbina cruziana</i>         |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Blue Ground Dove                       | <i>Claravis pretiosa</i>          |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    | H  |    |  |
| White-tipped Dove                      | <i>Leptotila verreauxi</i>        |              |   |   |   |   |    | ✓  |    | ✓  | ✓  |    |    |    |    |    |    |  |
| Grey-fronted Dove                      | <i>Leptotila rufaxilla</i>        |              |   | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Eared Dove                             | <i>Zenaida auriculata</i>         |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    | ✓  |    |  |
| West Peruvian Dove                     | <i>Zenaida meloda</i>             |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    | ✓  |  |
| Sungrebe                               | <i>Heliornis fulica</i>           |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Spotted Rail                           | <i>Pardirallus maculatus</i>      |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Plumbeous Rail                         | <i>Pardirallus sanguinolentus</i> |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Blackish Rail                          | <i>Pardirallus nigricans</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Common Gallinule                       | <i>Gallinula galeata</i>          |              |   |   |   |   | ✓  |    | ✓  |    |    | ✓  |    | ✓  | ✓  | ✓  |    |  |
| Andean Coot                            | <i>Fulica ardesiaca</i>           |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Purple Gallinule                       | <i>Porphyrio martinica</i>        |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    | ✓  |    |  |
| Russet-crowned Crake                   | <i>Rufirallus viridis</i>         |              |   |   |   |   |    |    |    |    |    |    |    | H  | H  | ✓  |    |  |
| Rufous-sided Crake                     | <i>Laterallus melanophaius</i>    |              |   |   |   |   |    |    |    |    |    |    |    | H  |    | ✓  |    |  |
| Limpkin                                | <i>Aramus guarauna</i>            |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Pied-billed Grebe                      | <i>Podilymbus podiceps</i>        |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Great Grebe                            | <i>Podiceps major</i>             |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Peruvian Thick-knee                    | <i>Burhinus superciliaris</i>     |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Blackish Oystercatcher                 | <i>Haematopus ater</i>            |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| American Oystercatcher                 | <i>Haematopus palliatus</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Black-necked Stilt                     | <i>Himantopus mexicanus</i>       |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    | ✓  | ✓  |    |    |  |
| Andean Lapwing                         | <i>Vanellus resplendens</i>       |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Grey Plover                            | <i>Pluvialis squatarola</i>       |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |
| Semipalmated Plover                    | <i>Charadrius semipalmatus</i>    |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Killdeer                               | <i>Charadrius vociferus</i>       |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Collared Plover                        | <i>Charadrius collaris</i>        |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Pied Plover                            | <i>Hoploxypterus cayanus</i>      |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Wattled Jacana                         | <i>Jacana jacana</i>              | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Hudsonian Whimbrel                     | <i>Numenius hudsonicus</i>        |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |

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| Common name                            | Scientific name                      | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Hudsonian Godwit                       | <i>Limosa haemastica</i>             |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Ruddy Turnstone                        | <i>Arenaria interpres</i>            |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |
| Sanderling                             | <i>Calidris alba</i>                 |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |
| Baird's Sandpiper                      | <i>Calidris bairdii</i>              |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Least Sandpiper                        | <i>Calidris minutilla</i>            |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| White-rumped Sandpiper                 | <i>Calidris fuscicollis</i>          |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Pectoral Sandpiper                     | <i>Calidris melanotos</i>            | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Semipalmated Sandpiper                 | <i>Calidris pusilla</i>              |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Western Sandpiper                      | <i>Calidris mauri</i>                |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Puna Snipe                             | <i>Gallinago andina</i>              |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Wilson's Phalarope                     | <i>Phalaropus tricolor</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Spotted Sandpiper                      | <i>Actitis macularius</i>            |              |   |   | ✓ |   | ✓  |    | ✓  |    |    |    |    |    |    |    | ✓  |  |
| Solitary Sandpiper                     | <i>Tringa solitaria</i>              | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Lesser Yellowlegs                      | <i>Tringa flavipes</i>               | ✓            |   |   | ✓ |   |    |    | ✓  |    |    |    |    |    | ✓  |    |    |  |
| Black Skimmer                          | <i>Rynchops niger</i>                |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Grey-headed Gull                       | <i>Chroicocephalus cirrocephalus</i> |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    |    |    |    | ✓  |  |
| Laughing Gull                          | <i>Leucophaeus atricilla</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Franklin's Gull                        | <i>Leucophaeus pipixcan</i>          |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Belcher's Gull                         | <i>Larus belcheri</i>                |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Kelp Gull                              | <i>Larus dominicanus</i>             |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |
| Yellow-billed Tern                     | <i>Sternula superciliaris</i>        | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Large-billed Tern                      | <i>Phaetusa simplex</i>              | ✓            | ✓ | ✓ | ✓ |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Inca Tern                              | <i>Larosterna inca</i>               |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Wood Stork                             | <i>Mycteria americana</i>            | ✓            | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Peruvian Booby                         | <i>Sula variegata</i>                |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Neotropic Cormorant                    | <i>Nannopterum brasilianum</i>       | ✓            | ✓ | ✓ | ✓ |   | ✓  |    | ✓  |    |    | ✓  |    |    |    |    | ✓  |  |
| Guanay Cormorant                       | <i>Leucocarbo bougainvillii</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Puna Ibis                              | <i>Plegadis ridgwayi</i>             |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    |    |    |    |    |  |
| Roseate Spoonbill                      | <i>Platalea ajaja</i>                |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Fasciated Tiger Heron                  | <i>Tigrisoma fasciatum</i>           |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                 | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Boat-billed Heron                      | <i>Cochlearius cochlearius</i>  |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-crowned Night Heron              | <i>Nycticorax nycticorax</i>    |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    | ✓  | ✓  |  |
| Striated Heron                         | <i>Butorides striata</i>        | ✓            | ✓ | ✓ | ✓ |   |    |    |    | ✓  | ✓  | ✓  |    | ✓  | ✓  | ✓  |    |  |
| Western Cattle Egret                   | <i>Bubulcus ibis</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>            | ✓            |   |   | ✓ |   | ✓  |    | ✓  |    |    |    |    | ✓  | ✓  | ✓  | ✓  |  |
| Peruvian Pelican                       | <i>Pelecanus thagus</i>         |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    | ✓  |  |
| Hoatzin                                | <i>Opisthocomus hoazin</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| King Vulture                           | <i>Sarcoramphus papa</i>        |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Black Vulture                          | <i>Coragyps atratus</i>         | ✓            | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |  |
| Turkey Vulture                         | <i>Cathartes aura</i>           | ✓            | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |  |
| Lesser Yellow-headed Vulture           | <i>Cathartes burrovianus</i>    | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Greater Yellow-headed Vulture          | <i>Cathartes melambrotus</i>    |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Osprey                                 | <i>Pandion haliaetus</i>        |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Pearl Kite                             | <i>Gampsonyx swainsonii</i>     |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Swallow-tailed Kite                    | <i>Elanoides forficatus</i>     |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Black-and-white Hawk-Eagle             | <i>Spizaetus melanoleucus</i>   |              |   |   |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Double-toothed Kite                    | <i>Harpagus bidentatus</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Plain-breasted Hawk                    | <i>Accipiter ventralis</i>      |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Plumbeous Kite                         | <i>Ictinia plumbea</i>          |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Slender-billed Kite                    | <i>Helicolestes hamatus</i>     |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-collared Hawk                    | <i>Busarellus nigricollis</i>   | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Crane Hawk                             | <i>Geranospiza caerulescens</i> |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Slate-colored Hawk                     | <i>Buteogallus schistaceus</i>  |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Savanna Hawk                           | <i>Buteogallus meridionalis</i> |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Great Black Hawk                       | <i>Buteogallus urubitinga</i>   | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Grey-headed Kite                       | <i>Leptodon cayanensis</i>      |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Roadside Hawk                          | <i>Rupornis magnirostris</i>    |              | ✓ | ✓ | ✓ | ✓ |    |    |    |    | ✓  | ✓  |    | ✓  | ✓  | ✓  |    |  |

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| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Harris's Hawk                          | <i>Parabuteo unicinctus</i>       |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |  |
| Variable Hawk                          | <i>Geranoaetus polyosoma</i>      |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Short-tailed Hawk                      | <i>Buteo brachyurus</i>           |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Long-whiskered Owllet - E              | <i>Xenoglaux loweryi</i>          |              |   |   |   |   |    |    |    |    |    |    | A  |    |    |    |    |  |
| Burrowing Owl                          | <i>Athene cunicularia</i>         |              |   |   |   | ✓ | ✓  |    |    | ✓  |    |    |    | ✓  |    |    |    |  |
| Ferruginous Pygmy Owl                  | <i>Glaucidium brasilianum</i>     |              |   | ✓ | ✓ | ✓ |    |    |    |    |    |    |    |    |    | H  |    |  |
| Pacific Pygmy Owl                      | <i>Glaucidium peruanum</i>        |              |   |   |   |   |    | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |
| Tropical Screech Owl                   | <i>Megascops choliba</i>          | H            | H |   | H |   |    |    |    |    |    |    |    |    |    |    |    |  |
| West Peruvian Screech Owl - N          | <i>Megascops roboratus</i>        |              |   |   |   |   |    | H  |    |    |    |    |    |    |    |    |    |  |
| Rufous-banded Owl                      | <i>Strix albitarsis</i>           |              |   |   |   |   |    |    |    |    |    |    |    | H  |    |    |    |  |
| Black-banded Owl                       | <i>Strix huhula</i>               |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Stygian Owl                            | <i>Asio stygius</i>               |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Band-bellied Owl                       | <i>Pulsatrix melanota</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Golden-headed Quetzal                  | <i>Pharomachrus auriceps</i>      |              |   |   |   |   |    |    |    |    |    |    | H  |    |    |    |    |  |
| Ecuadorian Trogon - N                  | <i>Trogon mesurus</i>             |              |   |   |   |   |    | H  |    |    |    |    |    |    |    |    |    |  |
| Black-tailed Trogon                    | <i>Trogon melanurus</i>           |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Green-backed Trogon                    | <i>Trogon viridis</i>             |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Blue-crowned Trogon                    | <i>Trogon curucui</i>             |              |   |   |   |   |    |    |    |    |    |    |    |    | H  | ✓  |    |  |
| Collared Trogon                        | <i>Trogon collaris</i>            |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Amazon Kingfisher                      | <i>Chloroceryle amazona</i>       | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Green Kingfisher                       | <i>Chloroceryle americana</i>     | ✓            | ✓ | ✓ | ✓ | ✓ |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Ringed Kingfisher                      | <i>Megaceryle torquata</i>        | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  |    | ✓  |    |  |
| Amazonian Motmot                       | <i>Momotus momota</i>             |              |   |   |   | H |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous Motmot                          | <i>Baryphthengus martii</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Broad-billed Motmot                    | <i>Electron platyrhynchum</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| White-eared Jacamar                    | <i>Galbalcyrrhynchus leucotis</i> | ✓            | ✓ | ✓ |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Blue-necked CHEEK Jacamar              | <i>Galbula cyanicollis</i>        |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Bluish-fronted Jacamar                 | <i>Galbula cyanescens</i>         |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Paradise Jacamar                       | <i>Galbula dea</i>                |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-fronted Nunbird                  | <i>Monasa nigrifrons</i>          | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |

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| Common name                            | Scientific name                  | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Yellow-billed Nunbird                  | <i>Monasa flavirostris</i>       |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Swallow-winged Puffbird                | <i>Chelidoptera tenebrosa</i>    |              |   |   | ✓ | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Scarlet-crowned Barbet                 | <i>Capito aurovirens</i>         | ✓            | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Gilded Barbet                          | <i>Capito auratus</i>            |              |   |   |   | ✓ |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Lemon-throated Barbet                  | <i>Eubucco richardsoni</i>       |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Whoite-throated Toucanet               | <i>Aulacorhynchus albivitta</i>  |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Lettered Aracari                       | <i>Pteroglossus inscriptus</i>   |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Ivory-billed Aracari                   | <i>Pteroglossus azara</i>        |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Chestnut-eared Aracari                 | <i>Pteroglossus castanotis</i>   |              | ✓ |   |   |   |    |    |    |    |    |    |    | ✓  |    | ✓  |    |  |
| Many-banded Aracari                    | <i>Pteroglossus pluricinctus</i> |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Golden-collared Toucanet               | <i>Selenidera reinwardtii</i>    |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Channel-billed Toucan                  | <i>Ramphastos vitellinus</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| White-throated Toucan                  | <i>Ramphastos tucanus</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Bar-breasted Piculet                   | <i>Picumnus aurifrons</i>        |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Lafresnaye's Piculet                   | <i>Picumnus lafresnayi</i>       |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Ecuadorian Piculet                     | <i>Picumnus sclateri</i>         |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Speckle-chested Piculet - E            | <i>Picumnus steindachneri</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Plain-breasted Piculet - N             | <i>Picumnus castelnau</i>        |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-tufted Woodpecker               | <i>Melanerpes cruentatus</i>     |              | ✓ | ✓ |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Little Woodpecker                      | <i>Veniliornis passerinus</i>    |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Scarlet-backed Woodpecker              | <i>Veniliornis callonotus</i>    |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Yellow-throated Woodpecker             | <i>Piculus flavigula</i>         |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Golden-olive Woodpecker                | <i>Colaptes rubiginosus</i>      |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Crimson-mantled Woodpecker             | <i>Colaptes rivolii</i>          |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Black-necked Woodpecker - E            | <i>Colaptes atricollis</i>       |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Spot-breasted Woodpecker               | <i>Colaptes punctigula</i>       |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Cream-colored Woodpecker               | <i>Celeus flavus</i>             |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Ringed Woodpecker                      | <i>Celeus torquatus</i>          |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Lineated Woodpecker                    | <i>Dryocopus lineatus</i>        |              |   | H |   | ✓ | ✓  | ✓  |    |    |    |    |    |    |    | ✓  |    |  |
| Crimson-crested Woodpecker             | <i>Campephilus melanoleucos</i>  | ✓            | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Guayaquil Woodpecker                   | <i>Campephilus guayaquilensis</i> |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Black Caracara                         | <i>Daptrius ater</i>              |              | ✓ |   |   |   |    |    |    |    |    |    |    | H  |    |    |    |  |
| Crested Caracara                       | <i>Caracara plancus</i>           |              |   |   |   |   | ✓  |    |    |    |    |    |    |    | ✓  |    |    |  |
| Yellow-headed Caracara                 | <i>Milvago chimachima</i>         | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Laughing Falcon                        | <i>Herpetotheres cachinnans</i>   |              |   |   |   |   |    |    |    |    |    |    |    |    |    | H  |    |  |
| American Kestrel                       | <i>Falco sparverius</i>           |              |   |   |   |   | ✓  |    | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |
| Bat Falcon                             | <i>Falco ruficularis</i>          |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Peregrine Falcon                       | <i>Falco peregrinus</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    | ✓  |  |
| Tui Parakeet                           | <i>Brotogeris sanctithomae</i>    |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| White-winged Parakeet                  | <i>Brotogeris versicolurus</i>    |              |   |   | ✓ | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Cobalt-winged Parakeet                 | <i>Brotogeris cyanopectera</i>    |              | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Blue-headed Parrot                     | <i>Pionus menstruus</i>           |              |   |   | ✓ | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Short-tailed Parrot                    | <i>Graydidascalus brachyurus</i>  | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Festive Amazon                         | <i>Amazona festiva</i>            |              |   | H | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Scaly-naped Amazon                     | <i>Amazona mercenarius</i>        |              | ✓ | ✓ | ✓ |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Southern Mealy Amazon                  | <i>Amazona farinosa</i>           |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Orange-winged Amazon                   | <i>Amazona amazonica</i>          |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Pacific Parrotlet - N                  | <i>Forpus coelestis</i>           |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Riparian Parrotlet                     | <i>Forpus crassirostris</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Black-headed Parrot                    | <i>Pionites melanocephalus</i>    |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Maroon-tailed Parakeet                 | <i>Pyrrhura melanura</i>          |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Dusky-headed Parakeet                  | <i>Aratinga weddellii</i>         | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Red-bellied Macaw                      | <i>Orthopsittaca manilatus</i>    | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Blue-and-yellow Macaw                  | <i>Ara ararauna</i>               | H            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Red-masked Parakeet                    | <i>Psittacara erythrogaena</i>    |              |   |   |   |   |    | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Scarlet-fronted Parakeet               | <i>Psittacara wagleri</i>         |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| White-eyed Parakeet                    | <i>Psittacara leucophthalmus</i>  |              |   |   | ✓ |   |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Coastal Miner - E                      | <i>Geositta peruviana</i>         |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Olivaceous Woodcreeper                 | <i>Sittasomus griseicapillus</i>  |              |   | ✓ |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Cinnamon-throated Woodcreeper          | <i>Dendrexetastes rufigula</i>    |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                    | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Long-billed Woodcreeper                | <i>Nasica longirostris</i>         |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Buff-throated Woodcreeper              | <i>Xiphorhynchus guttatus</i>      |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Olive-backed Woodcreeper               | <i>Xiphorhynchus triangularis</i>  |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Straight-billed Woodcreeper            | <i>Dendroplex picus</i>            |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Zimmer's Woodcreeper                   | <i>Dendroplex kienerii</i>         |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Streak-headed Woodcreeper              | <i>Lepidocolaptes souleyetii</i>   |              |   |   |   |   |    | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Montane Woodcreeper                    | <i>Lepidocolaptes lacrymiger</i>   |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Plain Xenops                           | <i>Xenops minutus</i>              |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Streaked Xenops                        | <i>Xenops rutilans</i>             |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Slender-billed Xenops                  | <i>Xenops tenuirostris</i>         |              | ✓ |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous-tailed Xenops                   | <i>Microxenops milleri</i>         |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Point-tailed Palmcreeper               | <i>Berlepschia rikeri</i>          |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Pale-legged Hornero                    | <i>Furnarius leucopus</i>          |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Pacific Hornero - N                    | <i>Furnarius cinnamomeus</i>       |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |  |
| Lesser Hornero                         | <i>Furnarius minor</i>             |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Wren-like Rushbird                     | <i>Phleocryptes melanops</i>       |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Montane Foliage-gleaner                | <i>Anabacerthia striaticollis</i>  |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Rufous-necked Foliage-gleaner - N      | <i>Syndactyla ruficollis</i>       |              |   |   |   |   |    | ✓  |    | H  |    |    |    |    |    |    |    |  |
| Buff-fronted Foliage-gleaner           | <i>Dendroma rufa</i>               |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Buff-browed Foliage-gleaner            | <i>Syndactyla rufosuperciliata</i> |              |   |   |   |   |    |    |    |    |    | H  |    |    |    |    |    |  |
| Cinnamon-rumped Foliage-gleaner        | <i>Philydor pyrrhodes</i>          |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous-fronted Thornbird               | <i>Phacellodomus rufifrons</i>     |              |   |   |   |   |    |    |    |    | ✓  |    |    | ✓  | ✓  |    |    |  |
| Orange-fronted Plushcrown              | <i>Metopothrix aurantiaca</i>      |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Parker's Spinetail                     | <i>Cranioleuca vulpecula</i>       |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Line-cheeked Spinetail                 | <i>Cranioleuca antisimensis</i>    |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Red-and-white Spinetail                | <i>Certhiaxis mustelinus</i>       | ✓            | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| White-bellied Spinetail                | <i>Mazaria propinqua</i>           |              |   |   | H |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Maranon Spinetail - N                  | <i>Synallaxis maranonica</i>       |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Dark-breasted Spinetail                | <i>Synallaxis albigularis</i>      |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Azara's Spinetail                      | <i>Synallaxis azarae</i>           |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |

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| Common name                            | Scientific name                    | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Rufous Spinetail                       | <i>Synallaxis unirufa</i>          |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Necklaced Spinetail                    | <i>Synallaxis stictothorax</i>     |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Equatorial Greytail                    | <i>Xenerpestes singularis</i>      |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-throated Antbird                 | <i>Myrmophylax atrothorax</i>      |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Amazonian Streaked Antwren             | <i>Myrmotherula multostriata</i>   |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Stripe-chested Antwren                 | <i>Myrmotherula longicauda</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| White-flanked Antwren                  | <i>Myrmotherula axillaris</i>      |              | H |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Slaty Antwren                          | <i>Myrmotherula schisticolor</i>   |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Rusty-backed Antwren                   | <i>Formicivora rufa</i>            |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Plain-throated Antwren                 | <i>Isleria hauxwelli</i>           |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous-rumped Antwren                  | <i>Euchrepomis callinota</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Bluish-slate Antshrike                 | <i>Thamnomanes schistogynus</i>    |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Collared Antshrike - N                 | <i>Thamnophilus bernardi</i>       |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Barred Antshrike                       | <i>Thamnophilus doliatus</i>       |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Chapman's Antshrike - N                | <i>Thamnophilus zarumae</i>        |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Lined Antshrike                        | <i>Thamnophilus tenuepunctatus</i> |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Castelnau's Antshrike                  | <i>Thamnophilus cryptoleucus</i>   |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Rufous-capped Antshrike                | <i>Thamnophilus ruficapillus</i>   |              |   |   |   |   |    |    |    |    |    | H  |    |    |    |    |    |  |
| Amazonian Antshrike                    | <i>Thamnophilus amazonicus</i>     |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Northern Slaty Antshrike               | <i>Thamnophilus punctatus</i>      |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Great Antshrike                        | <i>Taraba major</i>                |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Streak-headed Antbird                  | <i>Drymophila striaticeps</i>      |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Peruvian Warbling Antbird              | <i>Hypocnemis peruviana</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Band-tailed Antbird                    | <i>Hypocnemoides maculicauda</i>   | ✓            |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Silvered Antbird                       | <i>Sclateria naevia</i>            |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Plumbeous Antbird                      | <i>Myrmelastes hypertythrus</i>    |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-tailed Antbird                   | <i>Myrmoborus melanurus</i>        |              |   | H |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| White-browed Antbird                   | <i>Myrmoborus leucophrys</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    |    | H  |    |  |
| Ash-breasted Antbird                   | <i>Myrmoborus lugubris</i>         |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| White-shouldered Antbird               | <i>Akletos melanoceps</i>          |              |   | H |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                       | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Chestnut-crowned Antpitta              | <i>Grallaria ruficapilla</i>          |              |   |   |   |   |    | H  |    | H  |    |    |    |    |    |    |    |  |
| Chestnut Antpitta - E                  | <i>Grallaria blakei</i>               |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| White-crowned Tapaculo                 | <i>Scytalopus atratus</i>             |              |   |   |   |   |    |    |    |    |    |    | H  |    |    |    |    |  |
| Elegant Crescentchest - N              | <i>Melanopareia elegans</i>           |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    |    |    |    |    |  |
| Wing-barred Piprites                   | <i>Piprites chloris</i>               |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Mottle-cheeked Tyrannulet              | <i>Phylloscartes ventralis</i>        |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Yellow-crowned Tyrannulet              | <i>Tyrannulus elatus</i>              |              |   |   |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Pacific Elaenia                        | <i>Myiopagis subplacens</i>           |              |   |   |   |   | ✓  | ✓  |    |    |    |    |    |    |    |    |    |  |
| Yellow-bellied Elaenia                 | <i>Elaenia flavogaster</i>            |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Southern Beardless Tyrannulet          | <i>Camptostoma obsoletum</i>          |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  |    | ✓  |    |    |    |    |    |  |
| Sulphur-bellied Tyrannulet             | <i>Mecocerculus minor</i>             |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Marañon Tyrannulet                     | <i>Phaeomyias maranonica</i>          |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Tumbesian Tyrannulet - N               | <i>Phaeomyias tumbezana</i>           |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Fulvous-crowned Scrub Tyrant           | <i>Euscarthmus meloryphus</i>         |              |   |   |   |   | ✓  |    |    | ✓  | ✓  |    |    |    |    |    |    |  |
| Grey-and-white Tyrannulet - N          | <i>Pseudelaenia leucospodia</i>       |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Lesser Wagtail-Tyrant                  | <i>Stigmatura napensis</i>            |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Mishana Tyrannulet - E                 | <i>Zimmerius villarejoi</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Peruvian Golden-faced Tyrannulet       | <i>Zimmerius chrysops</i>             |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Marble-faced Bristle Tyrant            | <i>Pogonotriccus ophthalmicus</i>     |              |   |   |   |   |    |    |    |    |    |    | H  |    |    |    |    |  |
| Streak-necked Flycatcher               | <i>Mionectes striaticollis</i>        |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Slaty-capped Flycatcher                | <i>Leptopogon superciliaris</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Pearly-vented Tody-Tyrant              | <i>Hemitriccus margaritaceiventer</i> |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Black-throated Tody-Tyrant             | <i>Hemitriccus granadensis</i>        |              |   |   |   |   |    |    |    |    |    |    | H  |    |    |    |    |  |
| White-bellied Pygmy Tyrant             | <i>Myiornis albiventris</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Lulu's Tody-Flycatcher - E             | <i>Poecilotriccus luluae</i>          |              |   |   |   |   |    |    |    |    |    | ✓  | H  |    |    |    |    |  |
| Spotted Tody-Flycatcher                | <i>Todirostrum maculatum</i>          | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Common Tody-Flycatcher                 | <i>Todirostrum cinereum</i>           |              |   |   |   |   |    |    |    |    |    |    |    | H  |    | ✓  |    |  |
| Yellow-browed Tody-Flycatcher          | <i>Todirostrum chrysocrotaphum</i>    |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-olive Flatbill                  | <i>Tolmomyias sulphurescens</i>       |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Grey-crowned Flatbill                  | <i>Tolmomyias poliocephalus</i>       |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |

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| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |  |
| Olive-faced Flatbill                   | <i>Tolmomyias viridiceps</i>      |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Cinnamon Flycatcher                    | <i>Pyrrhomyias cinnamomeus</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |  |
| Grey-breasted Flycatcher - N           | <i>Lathrotriccus griseipectus</i> |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |  |
| Black Phoebe                           | <i>Sayornis nigricans</i>         |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |  |
| Olive-sided Flycatcher                 | <i>Contopus cooperi</i>           |              |   |   |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |  |
| Eastern Wood Pewee                     | <i>Contopus virens</i>            |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    | ✓  |    |  |  |
| Tumbes Pewee - N                       | <i>Contopus punensis</i>          |              |   |   |   |   | H  |    | ✓  |    |    |    |    |    |    |    |    |  |  |
| Scarlet Flycatcher                     | <i>Pyrocephalus rubinus</i>       |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |  |
| Little Ground Tyrant                   | <i>Syrcticola fluviatilis</i>     |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Rufous-tailed Tyrant                   | <i>Knipolegus poecilurus</i>      |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |  |
| Riverside Tyrant                       | <i>Knipolegus orenocensis</i>     |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| White-headed Marsh Tyrant              | <i>Arundinicola leucocephala</i>  |              | ✓ |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Tumbes Tyrant - N                      | <i>Tumbezia salvini</i>           |              |   |   |   |   |    | ✓  | ✓  |    |    |    |    |    |    |    |    |  |  |
| Short-tailed Field Tyrant              | <i>Muscigralla brevicauda</i>     |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |  |
| Piratic Flycatcher                     | <i>Legatus leucophauius</i>       |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |  |
| Social Flycatcher                      | <i>Myiozetetes similis</i>        |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |  |  |
| Grey-capped Flycatcher                 | <i>Myiozetetes granadensis</i>    |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |  |
| Great Kiskadee                         | <i>Pitangus sulphuratus</i>       | H            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |  |  |
| Lesser Kiskadee                        | <i>Philohydor lictor</i>          | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Baird's Flycatcher                     | <i>Myiodynastes bairdii</i>       |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |  |
| Streaked Flycatcher                    | <i>Myiodynastes maculatus</i>     |              |   |   |   |   |    |    | ✓  |    |    |    |    |    | ✓  | ✓  |    |  |  |
| Boat-billed Flycatcher                 | <i>Megarynchus pitangua</i>       |              |   | ✓ |   | ✓ |    |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |  |  |
| Variegated Flycatcher                  | <i>Empidonomus varius</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |  |
| Sulphury Flycatcher                    | <i>Tyrannopsis sulphurea</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |  |
| Tropical Kingbird                      | <i>Tyrannus melancholicus</i>     | ✓            | ✓ | ✓ | ✓ | ✓ | ✓  |    |    |    |    | ✓  |    | ✓  | ✓  | ✓  |    |  |  |
| Eastern Kingbird                       | <i>Tyrannus tyrannus</i>          | ✓            |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Snowy-throated Kingbird                | <i>Tyrannus niveigularis</i>      |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |  |
| Dusky-tailed Flatbill                  | <i>Ramphotrigon fuscicauda</i>    |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Dusky-capped Flycatcher                | <i>Myiarchus tuberculifer</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |  |
| Short-crested Flycatcher               | <i>Myiarchus ferox</i>            |              |   | ✓ |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |  |

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| Common name                            | Scientific name                    | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Pale-edged Flycatcher                  | <i>Myiarchus cephalotes</i>        |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Sooty-crowned Flycatcher - N           | <i>Myiarchus phaeocephalus</i>     |              |   |   |   |   | ✓  | ✓  |    |    |    |    |    |    |    |    |    |  |
| Brown-crested Flycatcher               | <i>Myiarchus tyrannulus</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Green-and-black Fruiteater             | <i>Pipreola riefferii</i>          |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Peruvian Plantcutter - E               | <i>Phytotoma raimondii</i>         |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Purple-throated Fruitcrow              | <i>Querula purpurata</i>           |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Plum-throated Cotinga                  | <i>Cotinga maynana</i>             |              | ✓ | ✓ |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Bare-necked Fruitcrow                  | <i>Gymnoderus foetidus</i>         |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Sulphur-bellied Tyrant-Manakin         | <i>Neopelma sulphureiventer</i>    |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Wire-tailed Manakin                    | <i>Pipra filicauda</i>             |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Fiery-capped Manakin                   | <i>Machaeropterus pyrocephalus</i> |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Golden-headed Manakin                  | <i>Ceratopipra erythrocephala</i>  |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Black-crowned Tityra                   | <i>Tityra inquisitor</i>           |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-tailed Tityra                    | <i>Tityra cayana</i>               |              | ✓ |   | ✓ | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Masked Tityra                          | <i>Tityra semifasciata</i>         |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Varzea Schiffornis                     | <i>Schiffornis major</i>           |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| White-winged Becard                    | <i>Pachyramphus polychopterus</i>  |              |   |   |   | ✓ |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Rufous-browed Peppershrike             | <i>Cyclarhis gujanensis</i>        |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Ashy-headed Greenlet                   | <i>Hylophilus pectoralis</i>       |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Lemon-chested Greenlet                 | <i>Hylophilus thoracicus</i>       |              |   | H |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Red-eyed Vireo                         | <i>Vireo olivaceus</i>             |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Brown-capped Vireo                     | <i>Vireo leucophrys</i>            |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Chivi Vireo                            | <i>Vireo chivi</i>                 | ✓            |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| White-collared Jay                     | <i>Cyanolyca viridicyanus</i>      |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| White-tailed Jay - N                   | <i>Cyanocorax mystacalis</i>       |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Inca Jay                               | <i>Cyanocorax yncas</i>            |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Sand Martin                            | <i>Riparia riparia</i>             |              |   |   | ✓ |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| White-winged Swallow                   | <i>Tachycineta albiventer</i>      | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| White-banded Swallow                   | <i>Atticora fasciata</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Blue-and-white Swallow                 | <i>Pygochelidon cyanoleuca</i>     |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  | ✓  |    |    |    |  |

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| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Southern Rough-winged Swallow          | <i>Stelgidopteryx ruficollis</i>  | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Grey-breasted Martin                   | <i>Progne chalybea</i>            | ✓            |   |   |   |   |    |    |    |    |    | ✓  |    | ✓  | ✓  |    |    |  |
| Barn Swallow                           | <i>Hirundo rustica</i>            |              |   |   |   |   |    |    |    |    |    | ✓  |    |    | ✓  | ✓  | ✓  |  |
| Chestnut-collared Swallow              | <i>Petrochelidon rufocollaris</i> |              |   |   |   |   |    |    | ✓  |    |    |    |    |    |    |    |    |  |
| Black-capped Donacobius                | <i>Donacobius atricapilla</i>     | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Fasciated Wren - N                     | <i>Campylorhynchus fasciatus</i>  |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |
| Thrush-like Wren                       | <i>Campylorhynchus turdinus</i>   |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    | H  | H  |    |    |  |
| Speckle-breasted Wren                  | <i>Pheugopedius sclateri</i>      |              |   |   |   |   |    | ✓  |    |    | ✓  | H  |    |    |    |    |    |  |
| Buff-breasted Wren                     | <i>Cantorchilus leucotis</i>      | H            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Superciliated Wren                     | <i>Cantorchilus superciliaris</i> |              |   |   |   |   | ✓  | ✓  |    |    |    |    |    |    |    |    |    |  |
| Mountain Wren                          | <i>Troglodytes solstitialis</i>   |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| House Wren                             | <i>Troglodytes aedon</i>          |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  | ✓  | ✓  | ✓  |    |  |
| Grey-breasted Wood Wren                | <i>Henicorhina leucophrys</i>     |              |   |   |   |   |    |    |    |    |    | H  | H  |    |    |    |    |  |
| Musician Wren                          | <i>Cyphorhinus arada</i>          |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Chestnut-breasted Wren                 | <i>Cyphorhinus thoracicus</i>     |              |   |   |   |   |    |    |    |    |    |    | H  |    |    |    |    |  |
| Grey-mantled Wren                      | <i>Odontorchilus branickii</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Tropical Gnatcatcher                   | <i>Polioptila plumbea</i>         |              |   |   |   |   |    |    |    | ✓  | ✓  |    |    |    |    |    |    |  |
| White-browed Gnatcatcher               | <i>Polioptila bilineata</i>       |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Long-tailed Mockingbird                | <i>Mimus longicaudatus</i>        |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    |  |
| Andean Solitaire                       | <i>Myadestes ralloides</i>        |              |   |   |   |   |    |    |    |    |    | H  | ✓  |    |    |    |    |  |
| Swainson's Thrush                      | <i>Catharus ustulatus</i>         |              |   |   |   | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Plumbeous-backed Thrush                | <i>Turdus reevei</i>              |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Chiguanco Thrush                       | <i>Turdus chiguanco</i>           |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Great Thrush                           | <i>Turdus fuscater</i>            |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Maranon Thrush - N                     | <i>Turdus maranonicus</i>         |              |   |   |   |   |    |    |    | ✓  | ✓  |    |    |    |    |    |    |  |
| Black-billed Thrush                    | <i>Turdus ignobilis</i>           |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Pale-breasted Thrush                   | <i>Turdus leucomelas</i>          |              |   |   |   |   |    |    |    |    |    |    |    | H  | ✓  | ✓  |    |  |
| Varzea Thrush                          | <i>Turdus sanchezorum</i>         |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| White-capped Dipper                    | <i>Cinclus leucocephalus</i>      |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| House Sparrow - I                      | <i>Passer domesticus</i>          |              |   |   |   |   |    |    |    |    |    | ✓  |    | ✓  | ✓  | ✓  |    |  |

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| Common name                            | Scientific name                  | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Lesser Goldfinch                       | <i>Spinus psaltria</i>           |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Hooded Siskin                          | <i>Spinus magellanicus</i>       |              |   |   |   |   |    |    |    | ✓  | ✓  |    |    |    |    |    |    |  |
| Blue-naped Chlorophonia                | <i>Chlorophonia cyanea</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Purple-throated Euphonia               | <i>Euphonia chlorotica</i>       |              |   |   |   |   |    |    |    | ✓  | ✓  |    |    | ✓  | ✓  | ✓  |    |  |
| White-lored Euphonia                   | <i>Euphonia chrysopasta</i>      |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| White-vented Euphonia                  | <i>Euphonia minuta</i>           |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Thick-billed Euphonia                  | <i>Euphonia lanirostris</i>      |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Orange-bellied Euphonia                | <i>Euphonia xanthogaster</i>     |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Bronze-green Euphonia                  | <i>Euphonia mesochrysa</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Rufous-bellied Euphonia                | <i>Euphonia rufiventris</i>      |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Common Bush Tanager                    | <i>Chlorospingus flavopectus</i> |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Tumbes Sparrow - N                     | <i>Rhynchospiza stolzmanni</i>   |              |   |   |   |   | H  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Yellow-browed Sparrow                  | <i>Ammodramus aurifrons</i>      | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Black-capped Sparrow - N               | <i>Arremon abeillei</i>          |              |   |   |   |   | ✓  |    |    | ✓  |    |    |    |    |    |    |    |  |
| Rufous-collared Sparrow                | <i>Zonotrichia capensis</i>      |              |   |   |   |   | ✓  |    |    | ✓  | ✓  | ✓  |    |    |    |    |    |  |
| White-headed Brushfinch - N            | <i>Atlapetes albiceps</i>        |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-breasted Brushfinch             | <i>Atlapetes latinuchus</i>      |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| White-winged Brushfinch - N            | <i>Atlapetes leucopterus</i>     |              |   |   |   |   |    | ✓  |    | ✓  |    |    |    |    |    |    |    |  |
| Bay-crowned Brushfinch - N             | <i>Atlapetes seebohmi</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Peruvian Meadowlark                    | <i>Leistes bellicosus</i>        |              |   |   |   |   | ✓  |    | ✓  |    |    |    |    |    |    |    |    |  |
| Russet-backed Oropendola               | <i>Psarocolius angustifrons</i>  | ✓            |   |   | ✓ | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Crested Oropendola                     | <i>Psarocolius decumanus</i>     |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Solitary Cacique                       | <i>Cacicus solitarius</i>        |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-rumped Cacique                  | <i>Cacicus cela</i>              | ✓            | ✓ | ✓ | ✓ | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Mountain Cacique                       | <i>Cacicus chrysonotus</i>       |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Yellow-tailed Oriole                   | <i>Icterus mesomelas</i>         |              |   |   |   |   |    |    | ✓  |    | ✓  |    |    |    |    |    |    |  |
| White-edged Oriole                     | <i>Icterus graceannae</i>        |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Orange-backed Troupial                 | <i>Icterus croconotus</i>        |              |   |   | ✓ |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Giant Cowbird                          | <i>Molothrus oryzivorus</i>      |              |   |   | ✓ |   |    |    |    |    |    |    |    |    | ✓  | ✓  |    |  |
| Shiny Cowbird                          | <i>Molothrus bonariensis</i>     |              |   |   | ✓ |   | ✓  |    |    | ✓  | ✓  |    |    |    |    |    | ✓  |  |

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| Common name                            | Scientific name                    | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Scrub Blackbird                        | <i>Dives waczewiczi</i>            |              |   |   |   |   | ✓  |    | ✓  | ✓  | ✓  |    |    |    |    |    | ✓  |  |
| Velvet-fronted Grackle                 | <i>Lamprosar tanagrinus</i>        |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Oriole Blackbird                       | <i>Gymnomystax mexicanus</i>       | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Yellow-hooded Blackbird                | <i>Chrysomus icterocephalus</i>    | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Pale-eyed Blackbird                    | <i>Agelasticus xanthophthalmus</i> |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Black-lored Yellowthroat - N           | <i>Geothlypis auricularis</i>      |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Cerulean Warbler                       | <i>Setophaga cerulea</i>           |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Tropical Parula                        | <i>Setophaga pitiauyumi</i>        |              |   |   |   |   | ✓  | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Blackburnian Warbler                   | <i>Setophaga fusca</i>             |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| American Redstart                      | <i>Setophaga ruticilla</i>         |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Black-crested Warbler                  | <i>Myiothlypis nigrocristata</i>   |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Grey-and-gold Warbler - N              | <i>Myiothlypis fraseri</i>         |              |   |   |   |   | ✓  | ✓  |    |    |    |    |    |    |    |    |    |  |
| Russet-crowned Warbler                 | <i>Myiothlypis coronata</i>        |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Three-banded Warbler                   | <i>Basileuterus trifasciatus</i>   |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Three-striped Warbler                  | <i>Basileuterus tristriatus</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Slate-throated Whitestart              | <i>Myioborus miniatus</i>          |              |   |   |   |   |    |    |    | ✓  |    | ✓  | ✓  |    |    |    |    |  |
| Spectacled Whitestart                  | <i>Myioborus melanocephalus</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Tooth-billed Tanager                   | <i>Piranga lutea</i>               |              |   |   |   |   | ✓  |    |    | ✓  | ✓  | ✓  |    |    |    |    |    |  |
| Scarlet Tanager                        | <i>Piranga olivacea</i>            |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Golden Grosbeak                        | <i>Pheucticus chrysogaster</i>     |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    |    |    |  |
| Hooded Tanager                         | <i>Nemosia pileata</i>             |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Little Inca Finch - E                  | <i>Incaspiza watkinsi</i>          |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Green Honeycreeper                     | <i>Chlorophanes spiza</i>          |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Golden-collared Honeycreeper           | <i>Iridophanes pulcherrimus</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Guira Tanager                          | <i>Hemithraupis guira</i>          |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Swallow Tanager                        | <i>Tersina viridis</i>             |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Purple Honeycreeper                    | <i>Cyanerpes caeruleus</i>         |              |   | ✓ |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Blue Dacnis                            | <i>Dacnis cayana</i>               |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Yellow-bellied Dacnis                  | <i>Dacnis flaviventer</i>          |              | ✓ | ✓ |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Black-faced Dacnis                     | <i>Dacnis lineata</i>              |              |   |   |   | ✓ |    |    |    |    |    |    |    | ✓  |    |    |    |  |

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|--|-----------------------------------|--------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Bluish-grey Saltator                   | <i>Saltator coerulescens</i>      |              |   | ✓ | ✓ |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Buff-throated Saltator                 | <i>Saltator maximus</i>           |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Black-cowled Saltator - N              | <i>Saltator nigriceps</i>         |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Streaked Saltator                      | <i>Saltator striatipectus</i>     |              |   |   |   |   |    |    |    | ✓  | ✓  | ✓  |    |    |    |    |    |  |
| Bananaquit                             | <i>Coereba flaveola</i>           |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    | ✓  | ✓  |    |    |  |
| Dull-colored Grassquit                 | <i>Asemospiza obscura</i>         |              |   |   |   |   |    |    |    | ✓  |    |    |    |    | ✓  |    |    |  |
| Blue-black Grassquit                   | <i>Volatinia jacarina</i>         | ✓            |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Grey-headed Tanager                    | <i>Eucometis penicillata</i>      |              | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-crested Tanager                 | <i>Loriotus rufiventer</i>        |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Red Pileated Finch                     | <i>Coryphospingus cucullatus</i>  |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| White-lined Tanager                    | <i>Tachyphonus rufus</i>          |              |   |   |   |   |    |    |    | ✓  |    |    |    | ✓  | ✓  | ✓  |    |  |
| Masked Crimson Tanager                 | <i>Ramphocelus nigrogularis</i>   | ✓            | ✓ |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Huallaga Tanager - E                   | <i>Ramphocelus melanogaster</i>   |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Silver-beaked Tanager                  | <i>Ramphocelus carbo</i>          | ✓            |   | ✓ | ✓ | ✓ |    |    |    | ✓  | ✓  |    |    |    |    |    |    |  |
| Wing-barred Seedeater                  | <i>Sporophila americana</i>       | ✓            |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Yellow-bellied Seedeater               | <i>Sporophila nigricollis</i>     |              |   |   |   |   |    |    |    |    |    | ✓  |    |    |    |    |    |  |
| Chestnut-bellied Seed Finch            | <i>Sporophila angolensis</i>      |              |   |   |   |   |    |    |    |    |    |    |    |    | ✓  |    |    |  |
| Black-billed Seed Finch                | <i>Sporophila atrirostris</i>     |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Parrot-billed Seedeater                | <i>Sporophila peruviana</i>       |              |   |   |   |   |    | ✓  | ✓  |    |    |    |    |    |    |    |    |  |
| Drab Seedeater                         | <i>Sporophila simplex</i>         |              |   |   |   |   |    |    |    |    | ✓  |    |    |    |    |    |    |  |
| Chestnut-bellied Seedeater             | <i>Sporophila castaneiventris</i> | ✓            |   |   | ✓ |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Cinereous Finch - E                    | <i>Piezorina cinerea</i>          |              |   |   |   |   | ✓  |    |    |    |    |    |    |    |    |    |    |  |
| Oleaginous Hemispingus                 | <i>Sphenopsis frontalis</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Buff-bellied Tanager - N               | <i>Thlypopsis inornata</i>        |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |
| Pearly-breasted Conebill               | <i>Conirostrum margaritae</i>     |              |   |   | ✓ |   |    |    |    |    |    |    |    |    |    |    |    |  |
| Cinereous Conebill                     | <i>Conirostrum cinereum</i>       |              |   |   |   |   |    | ✓  |    |    |    |    |    |    |    |    |    |  |
| Saffron Finch                          | <i>Sicalis flaveola</i>           |              |   |   |   |   | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |    | ✓  |    |  |
| Grassland Yellow Finch                 | <i>Sicalis luteola</i>            |              |   |   |   |   | ✓  |    |    |    |    | ✓  |    |    |    |    |    |  |
| Bluish Flowerpiercer                   | <i>Diglossa caerulescens</i>      |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Rusty Flowerpiercer                    | <i>Diglossa sittoides</i>         |              |   |   |   |   |    |    |    | ✓  |    |    |    |    |    |    |    |  |

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|--|-----------------------------------|--------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|--|
| Common name                            | Scientific name                   | 5            | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |  |
| Vermilion Tanager                      | <i>Calochaetes coccineus</i>      |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Yellow-throated Tanager                | <i>Iridosornis analis</i>         |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Blue-capped Tanager                    | <i>Sporathraupis cyanocephala</i> |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Grass-green Tanager                    | <i>Chlorornis riefferii</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Blue-winged Mountain Tanager           | <i>Anisognathus somptuosus</i>    |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Orange-eared Tanager                   | <i>Chlorochrysa calliparaea</i>   |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Magpie Tanager                         | <i>Cissopis leverianus</i>        |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Black-faced Tanager                    | <i>Schistochlamys melanopis</i>   |              |   |   |   |   |    |    |    |    |    |    |    |    |    | ✓  |    |  |
| Red-capped Cardinal                    | <i>Paroaria gularis</i>           | ✓            | ✓ | ✓ | ✓ |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Spotted Tanager                        | <i>Ixothraupis punctata</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Yellow-bellied Tanager                 | <i>Ixothraupis xanthogastra</i>   |              |   |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Blue-grey Tanager                      | <i>Thraupis episcopus</i>         |              |   | ✓ | ✓ | ✓ |    |    |    |    |    | ✓  |    | ✓  | ✓  | ✓  |    |  |
| Palm Tanager                           | <i>Thraupis palmarum</i>          |              |   |   |   | ✓ |    |    |    |    |    |    |    | ✓  | ✓  | ✓  |    |  |
| Silver-backed Tanager                  | <i>Stilpnia viridicollis</i>      |              |   |   |   |   |    |    |    |    | ✓  | ✓  | ✓  |    |    |    |    |  |
| Blue-necked Tanager                    | <i>Stilpnia cyanicollis</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  | ✓  |    |    |    |  |
| Masked Tanager                         | <i>Stilpnia nigrocincta</i>       |              |   |   |   |   |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Beryl-spangled Tanager                 | <i>Tangara nigroviridis</i>       |              |   |   |   |   |    |    |    |    |    | ✓  | ✓  |    |    |    |    |  |
| Metallic-green Tanager                 | <i>Tangara labradorides</i>       |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Saffron-crowned Tanager                | <i>Tangara xanthocephala</i>      |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Flame-faced Tanager                    | <i>Tangara parzudakii</i>         |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Golden Tanager                         | <i>Tangara arthus</i>             |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Turquoise Tanager                      | <i>Tangara mexicana</i>           |              | ✓ |   |   |   |    |    |    |    |    |    |    | ✓  |    |    |    |  |
| Paradise Tanager                       | <i>Tangara chilensis</i>          |              | ✓ | ✓ |   | ✓ |    |    |    |    |    |    |    | ✓  | ✓  |    |    |  |
| Opal-rumped Tanager                    | <i>Tangara velia</i>              |              |   |   |   | ✓ |    |    |    |    |    |    |    |    |    |    |    |  |
| Blue-browed Tanager                    | <i>Tangara cyanotis</i>           |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |
| Yellow-scarfed Tanager                 | <i>Iridosornis reinhardtii</i>    |              |   |   |   |   |    |    |    |    |    |    | ✓  |    |    |    |    |  |

## Mammals

| Common name                     | Scientific name                  |
|---------------------------------|----------------------------------|
| <b>Mammals</b>                  |                                  |
| Capybara                        | <i>Hydrochoerus hydrochaeris</i> |
| Brown-throated Three-toed Sloth | <i>Bradypus variegatus</i>       |
| Sechuran Fox                    | <i>Lycalopex sechurae</i>        |
| White-tailed Deer               | <i>Odocoileus virginianus</i>    |
| Tucuxi                          | <i>Sotalia fluviatilis</i>       |
| Greater Bulldog Bat             | <i>Noctilio leporinus</i>        |
| Black-capped Squirrel Monkey    | <i>Saimiri boliviensis</i>       |
| Brown Capuchin                  | <i>Sapajus apella</i>            |
| Northern Pygmy Marmoset         | <i>Cebuella pygmaea</i>          |
| Spix's Saddle-back Tamarin      | <i>Saguinus fuscicollis</i>      |
| Illiger's Saddle-back Tamarin   | <i>Leontocebus illigeri</i>      |
| Red Howler Monkey               | <i>Alouatta seniculus</i>        |
| Night Monkey                    | <i>Aotus lemurinus</i>           |
| Dusky Titi Monkey               | <i>Callicebus moloch</i>         |
| Yellow-handed Titi Monkey       | <i>Callicebus torquatus</i>      |



Black-banded Owl