

# Birding Ecotours



## COMPLETE COSTA RICA, PART I: NEOTROPICAL BIRD CLUB CONSERVATION TOUR TRIP REPORT

13<sup>th</sup> – 26<sup>th</sup> MARCH 2017

By Andy Walker



*Gartered Trogon*

This scheduled tour around northern Costa Rica, doubling as a Conservation Tour for the Neotropical Bird Club, commenced on the 13<sup>th</sup> of March 2017 in San José and concluded back there on the 26<sup>th</sup> of March 2017. The tour visited some of Costa Rica's most spectacular national parks, volcanoes, and top birding destinations, such as La Selva Biological Station, Braulio Carrillo National Park, Poás Volcano National Park, Arenal Volcano, Caño Negro Lake, Tenorio Volcano National Park, Miravalles Volcano, Hacienda Solimar, Monteverde Cloud Forest Reserve, Santa Elena Cloud Forest Reserve, San Gerardo Field Station, and Puntarenas. Tour participants came from Australia (John and Su), New Zealand (Rosemary), South Africa (Don), Trinidad (Stuart), and the United States of America (Tim and Kay). Kevin, an American having lived in Costa Rica for the last 20 years, acted as local guide. This all meant an interesting combination of discussions on a range of topics, particularly world birding and sport! Kevin's local knowledge and bird identification expertise ensured that we saw a huge number of birds during the tour and had a whole lot of fun along the way.

A total of 498 bird species were recorded during the 12.5 days birding during the tour. This included a number of highly sought-after Costa Rican and Chiriqui (shared with Western Panama) endemic resident species, many migratory species from both North and South America, and numerous rare, uncommon, or secretive species, with some of the major highlights of birds having been seen including **Resplendent Quetzal, Three-wattled Bellbird, Scaled, Ochre-breasted, and Thicket Antpittas, Jabiru** (including a nesting pair with three young), **Agami Heron, Sungrebe, Yellow-breasted Crake, Rufous-necked Wood Rail, Pinnated and Least Bitterns, Highland Tinamou, Great Curassow, King Vulture, Black-collared Hawk, Pearl Kite, Black Skimmer, Scarlet and Great Green Macaws, Green-and-rufous Kingfisher, Tody Motmot, Keel-billed Motmot, White-fronted Nunbird, Pied, White-necked, and White-whiskered Puffbirds, Zeledon's, Bare-crowned, Spotted, Dusky, and Dull-mantled Antbirds, Black-faced, Black-headed, and Rufous-breasted Anthrushes, Grey-throated and Tawny-throated Leaf-tossers, Silvery-fronted Tapaculo, Long-tailed, White-crowned, White-ruffed, and White-collared Manakins, Sharpbill, Lovely and Snowy Cotingas, Azure-hooded Jay, White-throated Magpie-Jay, Long-tailed Silky-flycatcher, Black-and-yellow Phainoptila, Song Wren, Northern Nightingale-Wren, Nicaraguan Seed Finch, nesting Golden-browed Chlorophonia, and not forgetting 24 species of tanagers (including **Blue-and-gold, Emerald, Silver-throated, and Spangle-cheeked Tanagers**), and 36 species of hummingbirds (including **Coppery-headed Emerald, Violet Sabrewing, Snowcap, and Black-crested Coquette**).**

In addition to the above highlights we also did very well on nocturnal birds, with **Pacific, Bare-shanked, and Vermiculated Screech Owls**, several **Black-and-white, Spectacled, and Striped Owls**, three **Great Potoos, Ferruginous and Central American Pygmy Owls, Chuck-will's-widow, and Lesser and Short-tailed Nighthawks** all seen during the daylight hours. Furthermore, an interesting selection of Nearctic migrants were found either wintering or on passage. Some favorites included **Chestnut-sided Warbler, Golden-winged Warbler, Ovenbird, Kentucky Warbler, Common Yellowthroat, American Redstart, Wood Thrush, Painted Bunting, Broad-winged and Swainson's Hawks, and Turkey Vulture** (a large visible migration of thousands of birds at Caño Negro Wildlife Refuge).

There was plenty of other interesting wildlife to keep us on our toes, including Hoffmann's two-toed sloth, brown-throated sloth, northern tamandua, mantled howler monkey, Geoffroy's (Central American) spider monkey, Colombian white-faced capuchin, numerous reptiles (including the stunning green basilisk), and plenty of gorgeous butterflies and moths. Complete lists are found at the end of this report for species identified.

## Costa Rica 2017: Tour Report

### **Day 1, 13<sup>th</sup> March 2017: Arrival in San José**

The group assembled in San José ready for a welcome evening meal, with participants arriving from New Zealand, Australia, South Africa, Trinidad, and America. Those who arrived early enough got some birding in around the hotel, finding **Pearl Kite**, **Cooper's Hawk**, **Zone-tailed Hawk**, **Laughing Falcon**, **Spot-bellied Bobwhite**, **Plain-capped Starthroat**, **Ferruginous Pygmy Owl**, **Olive Sparrow**, and **Nutting's Flycatcher**.



*Ferruginous Pygmy Owl*

### **Day 2, 14<sup>th</sup> March 2017: Poás Volcano, La Paz Waterfall Gardens, and La Selva**

We left our airport hotel and headed up the slopes of Poás Volcano. Our first stop was a hummingbird garden, where we found some real beauties: **Magenta-throated Woodstar**, **Volcano Hummingbird**, **Lesser Violetear**, and the huge **Violet Sabrewing**. Several other birds were noted in the small garden and included **Mountain Thrush**, **Flame-colored Tanager**, and **Slaty Flowerpiercer**. After moving a few kilometers further along the road a strategic stop produced the hoped-for (and now nesting) **Long-tailed Silky-flycatcher**. This is a really impressive bird, so we were rather pleased to see it so early in the trip, especially as this was our only chance to see one. However, it was probably overshadowed by the incredibly beautiful pair of **Golden-browed Chlorophonia** that we also found nesting at fairly close range. These birds gave fantastic prolonged views as they tended their nest. **Yellow-thighed Finch**, **Collared Whitestart**, and **Prong-billed Barbet** were also seen well here.



Driving higher up the volcano we found some rather smart birds, highlights including **Black-and-yellow Phainoptila**, **Flame-throated Warbler**, and **Large-footed Finch**. A distant **Bare-shanked Screech Owl** was noted calling down the valley but was a long way off.

It was getting close to lunchtime, so we drove across to La Paz Waterfall Gardens, home to an array of hummingbird feeders, some lush forests, and a rapidly-flowing river containing several waterfalls. Our first port of call was the hummingbird feeders, where we found several of the species we'd seen earlier in the morning but also plenty of new ones, such as the endemic **Coppery-headed Emerald** along with **Black-bellied Hummingbird**, **White-bellied Mountaingem**, **Green Hermit**, **Green Thorntail**, and **Green-crowned Brilliant**. A walk along the river produced **American Dipper** and **Green-fronted Lancebill**, the latter feeding over the water, collecting tiny insects. Some impressive flocks were found here, containing **Streak-breasted Treehunter**, **Lineated Foliage-gleaner**, **Spotted Woodcreeper**, **Spotted Barbtail**, **Red-faced Spinebill**, **Spangle-cheeked Tanager**, **Kentucky Warbler**, **Ovenbird**, **Golden-winged Warbler**, **Black-eared Warbler**, and more.

Our final proper birding stop of the day, again at a feeding station, gave us our best views of the day, with **Passerini's**, **Silver-throated**, **Blue-grey**, **Palm**, and **Summer Tanagers** allowing good photographic opportunities.

We continued our journey to our base for the next three nights, La Selva Biological Station. At the entrance to the area we found **Great Green Macaw** and **Red-lored Amazon**, and as the sun went down **Pauraque** were on the road and outside of our rooms to end a memorable day.



*Silver-throated Tanager*

**Day 3, 15<sup>th</sup> March 2017: La Selva Biological Station**

After an early start we were out birding around our accommodation, where we quickly found **Cinnamon Woodpecker**, **Black-cheeked Woodpecker**, and **Yellow-olive Flatbill**. We soon moved onto the La Selva entrance road, where the birds came thick and fast, such as **Pied Puffbird**, **Slaty-tailed Trogon**, **Yellow-throated Toucan**, **Keel-billed Toucan**, **Chestnut-colored Woodpecker**, **Pale-billed Woodpecker**, and several woodcreepers, along with smaller birds like **Black-faced Grosbeak**, **Band-tailed Barbthroat**, **Ruby-throated Hummingbird**, **Chestnut-sided Warbler**, **Yellow-crowned Euphonia**, and **Black-cowled Oriole**.

After a breakfast interrupted by a few birds (**Band-backed Wren** and **Golden-hooded Tanager** being the best) and several rather heavy rain showers we started birding around the mosaic of trails in this large reserve. Highlights were many, but some of the best birds were **Agami Heron**, **Great Curassow**, **Crested Guan**, **Great Tinamou**, **Double-toothed Kite**, **Semiplumbeous Hawk**, **Collared Aracari**, **Rufous Motmot**, **Broad-billed Motmot**, **Gartered Trogon**, **Slaty-tailed Trogon**, **Black-throated Trogon**, **Northern Mealy Amazon**, **White-crowned Parrot**, **Great Green Macaw**, **Northern Royal Flycatcher**, **Red-throated Ant Tanager**, **Dusky Antbird**, **Fasciated Antshrike**, and **Buff-rumped Warbler**.

After lunch a siesta was in order before the afternoon's birding back in the forest. A male **White-collared Manakin** showed rather nicely, allowing great views of this rather stunning species. Two **King Vultures** gave prolonged overhead flight views, and several **Great Curassows** showed very well as they walked across some open areas – two of the many highlights of the day. Yet another soon followed when we found the diminutive **Vermiculated Screech Owl** on a day roost. We finished the day by the river, where we found **Short-tailed Nighthawk** and **Bat Falcon**.



*Collared Aracari*

**Day 4, 16<sup>th</sup> March 2017: Braulio Carillo National Park area**

A walk near our accommodation at dawn produced very nice views of a pair of **White-fronted Nunbirds** as well as **Bay Wren**, **White-collared Manakin**, and **Bright-rumped Attila**. The river provided great views of **Green Ibis** and **Anhinga**, with **Yellow-throated Toucan**, **Keel-billed Toucan**, and **Red-lored Amazon** all visiting a fruiting tree.

After breakfast we drove towards Braulio Carillo National Park, finding a perched **Laughing Falcon**, quickly followed by **White-whiskered Puffbird**, **Fasciated Tiger Heron**, **Green Ibis**, **Buff-rumped Warbler** and **Orange-billed Sparrow**.

A garden full of flowering *Verbena* gave us the opportunity to add some more new hummingbirds to our rapidly expanding list, with **Snowcap** and **Black-crested Coquette** jumping right to the top of the pile! Here we also found **Violet-headed Hummingbird**, **White-necked Jacobin**, and **Crowned Woodnymph**, but we were temporarily distracted by a migratory kettle of **Swainson's Hawk**, with the odd **Broad-winged Hawk** thrown in for good measure.

We then took a walk around the forest – typically difficult birding, but we found the odd bird of high quality, with the real highlight being **Lattice-tailed Trogon**. Males of both **White-ruffed** and **White-crowned Manakins** were found, and some subdued ant activity resulted in **Black-faced Antthrush**, **Spotted Antbird**, **White-flanked Antwren**, and **Checker-throated Antwren** being discovered. A mixed flock contained **Black-faced Grosbeak**, **Tawny-crested Tanager**, **Emerald Tanager**, **Black-and-Yellow Tanager**, **Green Honeyeater**, and **Scarlet-thighed Dacnis**, among other species.

After our picnic lunch and the morning's hike we had a relaxing afternoon of target birding and feeder stakeouts. By this process we found some seriously great birds, the top three being **Thicket Antpitta**, **Spectacled Owl**, and **Great Potoo**. We also got **Rufous-naped Wood Rail**, **Bronze-tailed Plumeleteer**, **Long-billed Hermit**, **Red-legged Honeyeater**, **Pale-vented Pigeon**, **Gartered Trogon**, **Montezuma** and **Chestnut-headed Oropendolas**, **Masked Tityra**, and more!



*Thicket Antpitta*



**Day 5, 17<sup>th</sup> March 2017: La Selva to Arenal Volcano**

After breakfast we set off on our final walk at La Selva, seeing many of the same exciting species we'd seen the day before, such as **Great Curassow**, **Keel-billed Toucan**, and **Rufous Motmot**. We found several new birds for the trip and saw a few species we'd only heard previously, such as **Little Tinamou**, **Black-throated Wren**, **Stripe-breasted Wren**, and **Rufous-tailed Jacamar**, with a rather nice **Hooded Warbler** seen too. We took a drive around some nearby farmland, where we had a few **Great Green Macaws** and **Red-lored Amazons** and a perched **Bat Falcon**. A **Giant Cowbird** was hanging around a **Montezuma Oropendola** nesting colony, and a **Western Osprey** went along the river, as did a small kettle of **Broad-winged Hawks**.

Our time in the La Selva area also resulted in a large list of non-avian highlights, including Central American agouti, collared peccary, mantled howler monkey, brown-throated (three-toed) sloth, eyelash pit viper, green iguana, and strawberry poison frog.



*Great Curassow*

We then drove toward our next destination at Arenal Volcano, making a stop along the way for lunch. Here we found a very confiding pair of **White-throated Crakes** as well as spectacular views of **Yellow-throated Euphonia**, **Red-legged Honeycreeper**, and **Greyish Saltator**. A brief walk at this site also yielded **Yellow-crowned Night Heron**, **American Pygmy Kingfisher**, **Olivaceous Piculet**, **Black-and-white Warbler**, and **Wood Thrush**. Here we also had the rather gaudy red-eyed treefrog.

As the afternoon progressed we headed up the Arenal Volcano, settled into our very nice rooms, and then started birding. A walk around the lodge grounds produced several good birds, such as **Great Curassow**, **Crested Guan**, **Emerald Tanager**, **Red-legged** and **Green**

**Honeycreepers, White-breasted Wood Wren, Black-throated Wren, Stripe-breasted Wren, and Carmiol's Tanager.** A fruiting tree attracted many species; **Bay-headed Tanager** was a new one for the trip, and **Tropical Pewee** was also present. The flowering bushes attracted many hummingbirds; **Brown Violetear** was a new one for us, and another adult male **Black-crested Coquette** was a welcome sight.

After a lovely three-course dinner we thought our list was finished for the day, only to discover a gorgeous **Black-and-white Owl** outside our rooms when we got back to them!

### Day 6, 18<sup>th</sup> March 2017: Arenal Volcano

We awoke to rain, and unfortunately it persisted all morning, sometimes rather heavy, but at times stopping long enough for some birding. Prior to breakfast we added a few new birds like **White-throated Thrush, Northern Waterthrush, Rose-breasted Grosbeak, Black-striped Sparrow, Swainson's Thrush, Purple-crowned Fairy, Olive-striped Flycatcher, Lineated Woodpecker, and Scaly-breasted Hummingbird,** along with several birds from the previous day like **Great Curassow, Montezuma Oropendola, Green Honeycreeper, Red-legged Honeycreeper, and Emerald Tanager.**

Due to the low clouds and persistent rain we decided to come down from the volcano to some slightly 'drier' areas, although rain still featured a little too much for our liking. Regardless, we pressed on and found several more new birds, like **Pied-billed Grebe, Yellow-bellied Flycatcher, Black-headed Saltator, Yellow Tyrannulet, Olive-sided Flycatcher, Bare-crowned Antbird, and Dull-mantled Antbird.** Another day-roosting **Great Potoo** was also a pleasant surprise, though it looked rather wet and fed up.

Over a rather nice typical Costa Rican lunch we had excellent looks at **Swallow-tailed Kite** and a male **Scarlet-thighed Dacnis.** Driving back to our hotel for a siesta we had the magnificent sight of the giant **Barred Hawk** cruising over.

After our break (adding **Yellow-faced Grassquit** in front of our rooms) we headed back down the volcano, as the weather still wasn't good high up. This was a great move, as we stayed dry and found loads of excellent birds. Highlights from the afternoon included **Keel-billed Motmot, Rufous-winged Woodpecker, Mourning Warbler, Great Antshrike, Barred Antshrike, Fasciated Antshrike, Russet Antshrike, Smokey Brown Woodpecker, and Vaux's Swift.** A group of five **Swallow-tailed Kites** drifted over in the late-afternoon sun against a black sky and looked seriously impressive, and a nest-building **Stripe-throated Hermit** also proved popular.

As dusk approached we drove back up to our hotel, seeing several **Pauraque** along the way.

### Day 7, 19<sup>th</sup> March 2017: Arenal Volcano to Caño Negro

A great morning was spent birding around our hotel on the slopes of Arenal Volcano. The weather through the night and the early morning was worrying, and we were fully expecting to be rained off again. However, as our meeting time arrived the rain stopped and the wind dropped. Heading out into the damp forest we were soon watching several great birds: **Wood Thrush, Black-headed Nightingale-Thrush, Song Wren, Louisiana Waterthrush, Tawny-faced Gnatwren, Semiplumbeous Hawk, and Rufous Motmot.** Not a bad haul before breakfast!

After breakfast we spent some time around the edge habitat at our hotel, enjoying the spectacular landscape views and plenty of **Swallow-tailed Kites.** Other highlights included



the rare and localized **Yellow-bellied Tyrannulet**, which showed remarkably well. We also enjoyed watching a pair of **Golden-olive Woodpeckers** excavating two nest holes. Back in the same forest we'd visited earlier we found a few new birds, such as **Streak-crowned Antvireo**, **Slaty Antwren**, **Collared** ('Orange-bellied') **Trogon**, **Scarlet-thighed Dacnis**, and **Black-and-yellow Tanager**.

Late in the morning we left the volcano to start our drive toward Caño Negro. First we visited some marshland, where we found **Nicaraguan Seed Finch**, complete with its huge, pink bill, **Thick-billed Seed Finch**, **Blue-black Grassquit**, and the localized **Ruddy-breasted Seedeater**. Here we also saw **Ringed**, **Amazon**, and **Green Kingfishers**, **Bare-throated Tiger Heron**, and our first of at least 26 **Green Herons**. **Finsch's** and **Orange-chinned Parakeets** showed well, as did **Roadside Hawk**, **Grey-crowned Yellowthroat**, **Orchard Oriole**, nesting **Green-breasted Mango**, **Solitary Sandpiper**, and **Greater Yellowlegs**.

Our last birding stop of the day was one of the highlights of the whole tour for many people and involved an afternoon boat ride through some marshy areas near the Nicaraguan border. New birds and very high quality birds were on offer, and we succeeded in getting good views of all of our targets and a few nice surprises, such as **Sungrebe**, **Yellow-breasted Crake**, **Pinnated Bittern**, **Least Bittern**, **Nicaraguan Grackle**, **Red-breasted Blackbird**, **Lesser Yellow-headed Vulture**, **Purple Gallinule**, **Northern Jacana**, **Black-bellied Whistling Duck**, **Blue-winged Teal**, **Great Blue**, **Little Blue**, **Tricolored**, and **Green Herons**, **Great Snowy**, and **Western Cattle Egrets**, **Black-crowned** and **Yellow-crowned Night-Herons**, **American White Ibis**, **Wood Stork**, **Anhinga**, **Neotropic Cormorant**, **Green**, **Amazon**, **Ringed** and **Belted Kingfishers**, **Canebrake Wren**, and **Common**, **Olive-crowned**, and **Grey-crowned Yellowthroats**.



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*Green-breasted Mango (Phone-scoped Swarovski ATX 95 and iPhone 7)*

As darkness fell we commenced the drive to our hotel, stopping along the way for close views of **Great Potoo**, **Black-and-white Owl**, and a gorgeous **Striped Owl** to end what turned out to be a fantastic day with 170 species logged!

### Day 8, 20<sup>th</sup> March 2017: Caño Negro to Heliconias Lodge

After yesterday's really big day list and enjoyable boat trip we awoke at Caño Negro full of anticipation for another great day, and it didn't disappoint, with the first bird of the morning being a confiding **Pacific Screech Owl** in our hotel garden. A walk around the village gave us two restricted-range species, and both showed well: **Grey-headed Dove** (alongside **White-tipped** and **White-winged Doves** to allow ample comparison) and **Spot-breasted Wren**, which sat up for all to see.

After breakfast we headed out on our morning boat ride. We had several big targets, and gradually they all fell into place. After views of multiple **Ringed**, **Amazon**, **Green**, and **American Pygmy Kingfisher** we found our main kingfisher target, **Green-and-rufous Kingfisher**, which showed well, and this meant that we'd completed the set of all American kingfishers for the tour. Unfortunately, a pair of **Snowy Cotinga** didn't play the game and just flew through. Other interest along this section of river included another **Sungrebe**, **Mangrove Cuckoo**, **Nicaraguan Grackle**, **Rufous-naped Wood Rail**, **Black-headed Trogon**, and the bizarre-looking **Boat-billed Heron**.



*Sungrebe*

Heading out into a marshy area we found several new and exciting species. Top of the list here were the four **Jabirus** that were circling low before landing at the back of the marsh. These are seriously enormous birds, especially when seen in flight next to the large **Wood Stork** or walking along next to cows! We also had good looks at a perched, local, and rare **Black-collared Hawk**, many **Roseate Spoonbills**, **Glossy Ibis**, **Tricolored**, **Little Blue**,

**Great Blue, Green, and more Boat-billed Herons, and Black-crowned Night Heron, Snowy Egret, and Great Egret.** As we headed back to the dock a juvenile **Snail Kite** and another **Black-collared Hawk** flew over. Although we'd seen some fantastic, rare, and localized birds here, one of the special memories that will stay with us from here involves a common species, **Turkey Vulture**. During our morning on the river we got to witness thousands of these birds migrating in huge towering kettles as they made their way north, a highly impressive sight. While in this area we also saw Geoffroy's (Central American) spider monkey and dozens of common (spectacled) caimans.

In the late morning, after a short break back at our hotel, we grabbed some food, made a picnic of sorts, and started our drive to the Caribbean foothills and our next location, Heliconias Lodge. A strategic stop along the way proved very worthwhile; here we found the rather vocal and particularly scarce **Central American Pygmy Owl** that eventually gave fantastic views. We also saw the gorgeous **White Hawk, Short-tailed Hawk, and Swallow-tailed Kite** in the air here, while the forest contained **White-ruffed Manakin, Buff-throated Foliage-gleaner, and Golden-winged Warbler**.

In the late afternoon we checked into our new hotel and took a walk around the hotel grounds. By now it was quite windy, so these were not ideal conditions, but this didn't stop us from seeing a pair of the very localized **Tody Motmot**, although a **Long-tailed Manakin** frustratingly remained out of sight – views of this one would have to wait.

#### **Day 9, 21<sup>st</sup> March 2017: Heliconias Lodge to Hacienda Solimar**

We awoke to find ourselves surrounded by low clouds with strong wind. These were conditions far from ideal for birding, especially when the light drizzle started. We headed out for a short pre-breakfast walk, hearing some good birds but having no luck with seeing them, and so **Purplish-backed Quail-Dove, Northern Nightingale-Wren, and Yellow-eared Toucanet** remained frustratingly elusive. We did get views of **Ovenbird, Wood Thrush, and Grey-chested Dove**, though.

After breakfast we walked a loop trail near our hotel. It was again difficult birding due to the weather with **Yellow-eared Toucanet, Northern Schiffornis, and Green Shrike-Vireo** all remaining out of sight. However, **Tody Motmot, Black-headed Nightingale-Thrush, and Northern Nightingale-Wren** showed well, and the real highlight was a **Chuck-will's-widow** that was found roosting halfway up a tree. Brilliant to be able to see this nocturnal uncommon migrant during the day! We also saw **Spotted Antbird, Tawny-crowned Greenlet, Bright-rumped Attila, and Golden-crowned Warbler** here. A Central American dwarf squirrel ran through the forest like a bolt of lightning, but paused briefly, allowing everybody to see it.





*Tody Motmot (Phone-scoped Swarovski ATX 95 and iPhone 7)*

In the mid morning, with no sign of the weather improving, we cut our losses and started our journey into the Pacific lowlands. A brief stop at an area of dry forest gave us a lesson in *Myiarchus* flycatcher identification, with **Great Crested**, **Brown-crested**, and **Nutting's Flycatchers** all in evidence at the same time! Here we also had **Banded Wren**, **White-lored Gnatcatcher**, **Canivet's Emerald**, **Yellow-olive Flatbill**, **Blue Grosbeak**, and **Scrub Euphonia**.

After reaching our new accommodation at Hacienda Solimar and taking a short rest through the heat of the middle of the afternoon we birded the dry Pacific lowlands for the first time. This site, a working farm with several wetland areas, is a paradise for birds, and it was fantastic driving around and finding great bird after great bird. Some highlights from the afternoon included **Limpkin**, **Jabiru**, **Double-striped Thick-knee**, **Southern Lapwing**, **Glossy Ibis**, **Boat-billed Heron**, **Bare-throated Tiger Heron**, **Muscovy Duck**, **Harris's Hawk**, **Peregrine Falcon**, **Merlin**, **Ferruginous Pygmy Owl** (with **Barn Swallow** prey in claws), **Lesser Nighthawk**, **Yellow-naped Amazon**, **White-fronted Amazon**, **Orange-fronted Parakeet**, **Streak-backed Oriole**, **Spot-breasted Oriole**, and **Scissor-tailed Flycatcher**. We also got to see one of the most impressive sunsets of the tour while watching three large **Jabiru** chicks standing on their nest and scores of very vocal **Black-bellied Whistling Ducks** circling overhead, definitely another trip highlight.



*Double-striped Thick-knee*

**Day 10, 22<sup>nd</sup> March 2017: Hacienda Solimar to Monteverde Cloud Forest Reserve**

A pre-breakfast walk along a dry riverbed gave us several new trip birds and further views at a number of others, with **Long-tailed Manakin**, **Thicket Tinamou** (for a lucky few), **White-necked Puffbird**, **Turquoise-browed Motmot**, **Steely-vented Hummingbird**, **Ruby-throated Hummingbird**, **Black-headed Trogon**, **Yellow-green Vireo**, **Yellow-throated Vireo**, **Lesser Nighthawk**, **Olive Sparrow**, **Scissor-tailed Flycatcher**, **Streaked Flycatcher**, **Rufous-capped Warbler**, and **Grey-headed Kite** all seen well.

Back at our hotel we found a roosting **Pacific Screech Owl**, **White-throated Magpie-Jay**, and **Least Grebe**. We took another drive around the farm, seeing most of what we'd seen the previous evening, We heard **Lesser Ground Cuckoo** but couldn't entice it out, but imitation of Ferruginous Pygmy Owl brought in a number of birds, such as **Streak-backed Oriole**, **Baltimore Oriole**, **Plain-capped Starthroat**, **Steely-vented** and **Ruby-throated Hummingbirds**, **Scrub Euphonia**, **Red-legged Honeycreeper**, **Sulphur-bellied Flycatcher**, **Philadelphia**, **Yellow-throated**, and **Yellow-green Vireos**, and **Tropical Pewee**.

Driving back to the hotel for lunch we saw **Peregrine Falcon**, **Snail Kite**, **American Kestrel**, **Western Osprey**, and **Roadside Hawk**, all making use of the wonderful habitat here. A pair of adult **Jabirus** was scoped not too far from the nest we had observed the previous day. Further very close views of **Limpkin**, **Double-striped Thick-knee**, and many other quality birds were had, and a pair of **Collared Plovers** were new for the trip. There also was plenty of non-avian interest during our time here, highlights including Colombian white-



faced capuchin, American Crocodile, common spiny-tailed iguana, crab-eating raccoon, and northern tamandua.

After a wonderful lunch we left the Pacific lowlands, heading back into the mountains to the world-famous birding area that is Monteverde Cloud Forest Reserve. As with most of our time at elevation it was cooler and wetter, but the drizzle didn't stop us from enjoying several new species, with great views of **Black-breasted Wood Quail** being right up there. We found a few **Lesson's Motmots** to complete the set of Costa Rican motmots, **Orange-billed Nightingale-Thrush** in full song sat out in the open for quite a while, and a couple of pairs of both **White-eared Ground Sparrow** and **White-naped Brushfinch** eventually showed well. A pair of **Blue-throated Toucanets** flew into view, sitting out in the open to allow good, close-range scope views.



*Lesson's Motmot (Phone-scoped Swarovski ATX 95 and iPhone 7)*

### **Day 11, 23<sup>rd</sup> March 2017: Monteverde, Santa Elena, San Gerardo Field Station**

We awoke to wind, more rain, and low clouds and were a bit concerned about our chances of finding our highly-prized target. We needed not have worried, though, as a little after 30 minutes of waiting beside a fruiting tree near our hotel we found three **Resplendent Quetzals** (two male and one female). They were wet, and so were we, but who cares when you are looking at one of the most beautiful birds on the planet. We watched them feeding and listened to them calling for a good length of time.





*Resplendent Quetzal (Phone-scoped Swarovski ATX 95 and iPhone 7)*

It's hard to get distracted while you are watching a quetzal, but there were a few species trying their best to put us off, and eventually, as the quetzals moved down the valley and out of sight, we took a look at some of the other birds that were around. The best species was **Azure-hooded Jay**; at least three of these secretive and difficult-to-find forest corvids came marauding through and were gone as quickly as they had appeared. Several **Black Guans** were more sedate, allowing great views as they fed in the same fruiting trees we'd previously enjoyed while looking at the quetzal. **White-throated Thrush**, **Mountain Thrush**, and **Ruddy-capped Nightingale-Thrush** were all seen (the latter only briefly by a few). Despite the rain we found a few hummingbirds coming to some sheltered feeders and enjoyed seeing some birds we'd seen much earlier in the tour, like **Coppery-headed Emerald**, **Lesser Violetear**, **Green-crowned Brilliant**, and **Violet Sabrewing**.

After breakfast we checked out of our hotel for the Santa Elena Reserve. There still were very poor weather conditions, but nevertheless we set off in the hope of finding something interesting. A mixed flock at the visitors' center was a good start, and we got good looks at

**Spotted Barbtail, Red-faced Spinebill, Common Bush Tanager, Black-eared Warbler, Collared Whitestart, Northern Tufted Flycatcher, and Golden-winged Warbler.** Further walking in the rain yielded **Black-throated Green Warbler, Grey-breasted Wood Wren, Ruddy Treerunner, Slaty-backed and Ruddy-capped Nightingale-Thrushes, Yellow-thighed Finch, Barred Becard, Collared ('Orange-bellied') Trogon,** and the super-skulking **Silvery-fronted Tapaculo.** A rather sorry-looking (and rather drenched) Hoffmann's two-toed sloth was also found in the treetops here.

As lunchtime approached it was also a good time to shelter from the rain and warm ourselves up, as well as prepare for our hike down to the San Gerardo Field Station, our base for the next two nights. As luck would have it the rain stopped and the wind died down for the majority of our descent, and over the course of the three-hour walk we picked up some seriously good birds. Highlights included **Bare-shanked Screech Owl** that flew in to check us out and proceeded to show fantastically well with its large, bright-yellow eyes glaring at us as we watched in awe, **Three-wattled Bellbird** sitting atop a tree from which it was singing, a pair of feeding and fighting **Grey-throated Leaf-tossers,** a couple of **Zeledon's Antbirds,** several **Silvery-fronted Tapaculos,** multiple **Blue-throated Toucanets,** and a lone but rather vocal **Golden-bellied Flycatcher.** We arrived at the field station in perfect time, just as the rain started up again.

Despite the difficult birding and hiking conditions we ended up with a good list of high-quality birds during the day.

### **Day 12, 24<sup>th</sup> March 2017: San Gerardo Field Station**

On waking up it was clear that the weather situation had not improved. We took an early breakfast and waited for an improvement in the mist/wind/rain. As we were getting our boots on our attention was drawn to a large bird that stood in the trail head, and our first bird of the day was a huge **Scaled Antpitta!** The bird showed well for 20 minutes or so as it fed on the trail. Then there was a perceived improvement in the weather conditions, so we set off on our morning walk. **Highland Tinamou** was calling but not close enough to get to, as was **Thicket Antpitta** (but there was no chance of bettering our previous views, so we didn't even try to see it!). **Eye-ringed Flatbill** moved through rather quickly, and a short while later **Brown-billed Scythebill** and **Slaty-capped Flycatcher** flew into view, the scythebill showing rather well. A singing **Three-wattled Bellbird,** viewed through the scope, was also a very special sight. We continued walking through this pristine forest, some of the best in Costa Rica, and before long we were looking face to face at a pair of the tiny **Ochre-breasted Antpitta** and shortly thereafter at **Black-headed Antthrush,** which walked around giving nice views. Not a bad selection of birds for before 9 a.m.! A very small mixed flock contained another **Slaty-capped Flycatcher, Kentucky Warbler, Tawny-crowned Greenlet, Golden-crowned Warbler, and Stripe-breasted Wren,** with **Spotted Antbird** and **Slaty-backed Nightingale-Thrush** also close by. **Black Guan, Crested Guan, and Great Curassow** were also found foraging in fruiting trees, along with several species of thrush.

As we made our descent back to the lodge in time for lunch we hit a rather interesting mixed flock of good size and species make-up. The big highlights of this flock were the uncommon **Sharpbill,** a stunning **Red-headed Barbet,** and **Scaly-throated Foliage-gleaner,** but there were also plenty of repeat views to be had of other species, such as **Buff-throated Foliage-gleaner, Red-faced Spinetail, Spotted Woodcreeper, Ruddy Treerunner, Lesser Greenlet, Black-and-white Warbler, Golden-winged Warbler, and Rufous-tailed**

**Jacamar.** With that great flock under our belt we hiked back to the accommodation for lunch, stopping for a **Tawny-throated Leaftosser** and another **Three-wattled Bellbird** along the way.

After a long hike yesterday and again this morning we took a relaxed and gentle walk near the accommodation during the afternoon. Luckily, we found a decent flock not far away. Here we enjoyed watching **Rufous-browed Tyrannulet**, **Azure-hooded Jay** (improving from our views yesterday), **Red-headed Barbet**, **Blackburnian** and **Golden-winged Warblers**, **Tawny-capped Euphonia**, **Scale-crested Pygmy Tyrant**, **Golden-bellied Flycatcher**, **Russet Antshrike**, **Blue-throated Toucanet**, **Collared** ('Orange-bellied') **Trogon**, and **Squirrel Cuckoo**.

As dusk approached we moved to the balcony of the accommodation, had a nice drink of rum, and added **Brown-hooded Parrot** to our list.



*Ochre-breasted Antpitta*

### Day 13, 25<sup>th</sup> March 2017: San Gerardo Field Station to Puntarenas

Our pre-breakfast birding walk was again very successful, and it was even dry for the most part of it, a nice change from the last few days! It was interesting walking the same area we had done the previous day, but there was a lot more song audible. One of the species was **Northern Nightingale-Wren**, a beautiful songster that showed at a few meters. Next up was the uncommon and restricted-range **Blue-and-gold Tanager**, which showed well at close range. Into the forest we saw **Highland Tinamou**, **Sharpbill**, **Grey-throated** and **Tawny-throated Leaftosser**, **White-throated Spadebill**, **Eye-ringed Flatbill**, **Black-thighed Grosbeak**, **Black-headed Antthrush**, and an inquisitive **Great Curassow** that walked right up to us. Soon it was time for breakfast, so we headed back to the field station, and a female **Lovely Cotinga** graced the paddock along the way.



After breakfast we needed to get back up the mountain. Some walked all the way, some walked and then jumped on the back of an ATV, and others (the sensible ones) took an ATV all the way to the top. Those that walked were rewarded with a couple of good birds (**Three-wattled Bellbird** [our closest views yet], **Swainson's Thrush**, and **Black Hawk-Eagle**) and one great one, **Rufous-breasted Anthrush**, which made us work but rewarded us highly.



*Three-wattled Bellbird (Phone-scoped Swarovski ATX 95 and iPhone 7)*

Then we commenced our drive down to the Pacific lowlands, stopping along the coast near Puntarenas. Here we found **Brown Pelican**, **Magnificent Frigatebird**, **Royal** and **Elegant**

**Terns, Laughing Gull** (some in full breeding plumage), **Willet**, and **Whimbrel**. A short while later we arrived at our hotel with stunning views of the Gulf of Nicoya and the Nicoya Peninsula. Great views of **Scarlet Macaw** and **Turquoise-browed Motmot** were had in the hotel grounds, and as we watched a gorgeous sunset the sound of **Ferruginous Pygmy Owl** rang out and several **Lesser Nighthawks** started hawking.

We enjoyed our final evening meal of the tour and reminisced on some of the many tour highlights, including the votes for bird of the trip: **Resplendent Quetzal** (Su), **Collared** ('Orange-bellied') **Trogon** (John), **Three-wattled Bellbird** (Stuart, Don, and Kay), **Turquoise-browed Motmot** (Tim), and **Violet Sabrewing** (Rosemary).



*Scarlet Macaw*

#### **Day 14, 26<sup>th</sup> March 2017: Puntarenas to San José, and tour concludes**

As the final morning of the tour dawned we were already up and having breakfast, ready to head out for a final look for more new birds. In some scrub and mangroves we found some great birds like **Lesser Ground Cuckoo**, **Cinnamon Hummingbird**, **Stripe-headed Sparrow**, **Turquoise-browed Motmot**, **Black-headed Trogon**, **Indigo** and **Painted Buntings** (the latter a stunning male), **Northern Scrub Flycatcher**, **Panamanian Flycatcher**, **Mangrove Warbler**, and **American Redstart**.

Our final birding stop was at a small, unassuming area of saltpans. Here we got some incredible views of lots of new shorebirds and terns, all at close range. However, before that a perched **Pearl Kite** gave prolonged views and was probably breeding in the area. Highlights from the saltpans included **Black Skimmer**, **Stilt Sandpiper**, **Short-billed Dowitcher**, **Willet**, **Marbled Godwit**, **Western, Semipalmated**, and **Least Sandpipers**, and **Grey, Semipalmated**, and (rather amorous) **Wilson's Plovers**. **Western Osprey**, **Royal Tern**,

**Cabot's Tern**, and **Magnificent Frigatebirds** were overhead, while **Gull-billed Terns** flew in and landed, a few in complete breeding plumage. We took a quick look inside some adjacent mangroves, and in no time at all we were eye-to-eye with the uncommon **Rufous-necked Wood Rail**, a very nice bonus bird and always a treat to see.

Then we started our journey back to San José, stopping for lunch along the way, and as luck would have it there was a nesting pair of **White-necked Puffbirds** in the restaurant car park. They gave excellent, close views, proving a fitting end to the tour. On reaching San José the tour concluded.



*White-necked Puffbird*



COSTA RICA 2017 BIRD LIST		
<b>Bold = Country Endemic</b> <b>Status: CR = Critically Endangered, EN = Endangered, VU = Vulnerable, NT = Near-threatened, I = Introduced</b>		
Common Name (IOC 7.01)	Scientific Name (IOC 7.01)	Trip
	<b>TINAMIFORMES</b>	
<b><u>Tinamous</u></b>	<b><u>Tinamidae</u></b>	
Great Tinamou (NT)	<i>Tinamus major</i>	1
Highland Tinamou	<i>Nothocercus bonapartei</i>	1
Little Tinamou	<i>Crypturellus soui</i>	1
Thicket Tinamou	<i>Crypturellus cinnamomeus</i>	1
Slaty-breasted Tinamou	<i>Crypturellus boucardi</i>	1
	<b>ANSERIFORMES</b>	
<b><u>Ducks, Geese and Swans</u></b>	<b><u>Anatidae</u></b>	
Black-bellied Whistling Duck	<i>Dendrocygna autumnalis</i>	1
Muscovy Duck	<i>Cairina moschata</i>	1
Blue-winged Teal	<i>Anas discors</i>	1
	<b>GALLIFORMES</b>	
<b><u>Chachalacas, Curassows and Guans</u></b>	<b><u>Cracidae</u></b>	
Grey-headed Chachalaca	<i>Ortalis cinereiceps</i>	1
Crested Guan	<i>Penelope purpurascens</i>	1
Black Guan (NT)	<i>Chamaepetes unicolor</i>	1
Great Curassow (VU)	<i>Crax rubra</i>	1
<b><u>New World Quail</u></b>	<b><u>Odontophoridae</u></b>	
Spot-bellied Bobwhite	<i>Colinus leucopogon</i>	1
Black-breasted Wood Quail	<i>Odontophorus leucolaemus</i>	1
	<b>PODICIPEDIFORMES</b>	
<b><u>Grebes</u></b>	<b><u>Podicipedidae</u></b>	
Least Grebe	<i>Tachybaptus dominicus</i>	1
Pied-billed Grebe	<i>Podilymbus podiceps</i>	1
	<b>CICONIIFORMES</b>	
<b><u>Storks</u></b>	<b><u>Ciconiidae</u></b>	
Wood Stork	<i>Mycteria americana</i>	1
Jabiru	<i>Jabiru mycteria</i>	1
	<b>PELECANIFORMES</b>	
<b><u>Ibises, Spoonbills</u></b>	<b><u>Threskiornithidae</u></b>	
Green Ibis	<i>Mesembrinibis cayennensis</i>	1
American White Ibis	<i>Eudocimus albus</i>	1
Glossy Ibis	<i>Plegadis falcinellus</i>	1
Roseate Spoonbill	<i>Platalea ajaja</i>	1
<b><u>Herons, Bitterns</u></b>	<b><u>Ardeidae</u></b>	

Fasciated Tiger Heron	<i>Tigrisoma fasciatum</i>	1
Bare-throated Tiger Heron	<i>Tigrisoma mexicanum</i>	1
Agami Heron (VU)	<i>Agamia agami</i>	1
Boat-billed Heron	<i>Cochlearius cochlearius</i>	1
Pinnated Bittern	<i>Botaurus pinnatus</i>	1
Least Bittern	<i>Ixobrychus exilis</i>	1
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	1
Yellow-crowned Night Heron	<i>Nyctanassa violacea</i>	1
Green Heron	<i>Butorides virescens</i>	1
Western Cattle Egret	<i>Bubulcus ibis</i>	1
Great Blue Heron	<i>Ardea herodias</i>	1
Great Egret	<i>Ardea alba</i>	1
Tricolored Heron	<i>Egretta tricolor</i>	1
Little Blue Heron	<i>Egretta caerulea</i>	1
Snowy Egret	<i>Egretta thula</i>	1
<b><u>Pelicans</u></b>	<b><u>Pelecanidae</u></b>	
Brown Pelican	<i>Pelecanus occidentalis</i>	1
	<b>SULIFORMES</b>	
<b><u>Frigatebirds</u></b>	<b><u>Fregatidae</u></b>	
Magnificent Frigatebird	<i>Fregata magnificens</i>	1
<b><u>Gannets, Boobies</u></b>	<b><u>Sulidae</u></b>	
Brown Booby	<i>Sula leucogaster</i>	1
<b><u>Cormorants, Shags</u></b>	<b><u>Phalacrocoracidae</u></b>	
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	1
<b><u>Aningas, Darters</u></b>	<b><u>Anhingidae</u></b>	
Anhinga	<i>Anhinga anhinga</i>	1
	<b>ACCIPITRIFORMES</b>	
<b><u>New World Vultures</u></b>	<b><u>Cathartidae</u></b>	
Turkey Vulture	<i>Cathartes aura</i>	1
Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	1
Black Vulture	<i>Coragyps atratus</i>	1
King Vulture	<i>Sarcoramphus papa</i>	1
<b><u>Ospreys</u></b>	<b><u>Pandionidae</u></b>	
Western Osprey	<i>Pandion haliaetus</i>	1
<b><u>Kites, Hawks and Eagles</u></b>	<b><u>Accipitridae</u></b>	
White-tailed Kite	<i>Elanus leucurus</i>	1
Pearl Kite	<i>Gampsonyx swainsonii</i>	1
Grey-headed Kite	<i>Leptodon cayanensis</i>	1
Swallow-tailed Kite	<i>Elanoides forficatus</i>	1
Black Hawk-Eagle	<i>Spizaetus tyrannus</i>	1
Double-toothed Kite	<i>Harpagus bidentatus</i>	1
Sharp-shinned Hawk	<i>Accipiter striatus</i>	1

Cooper's Hawk	<i>Accipiter cooperii</i>	1
Black-collared Hawk	<i>Busarellus nigricollis</i>	1
Snail Kite	<i>Rostrhamus sociabilis</i>	1
Common Black Hawk	<i>Buteogallus anthracinus</i>	1
Barred Hawk	<i>Morphnarchus princeps</i>	1
Roadside Hawk	<i>Rupornis magnirostris</i>	1
Harris's Hawk	<i>Parabuteo unicinctus</i>	1
White Hawk	<i>Pseudastur albicollis</i>	1
Semiplumbeous Hawk	<i>Leucopternis semiplumbeus</i>	1
Grey Hawk	<i>Buteo plagiatus</i>	1
Broad-winged Hawk	<i>Buteo platypterus</i>	1
Short-tailed Hawk	<i>Buteo brachyurus</i>	1
Swainson's Hawk	<i>Buteo swainsoni</i>	1
Zone-tailed Hawk	<i>Buteo albonotatus</i>	1
Red-tailed Hawk	<i>Buteo jamaicensis</i>	1
	<b>GRUIFORMES</b>	
<b><u>Finfoots</u></b>	<b><u>Heliornithidae</u></b>	
Sungrebe	<i>Heliornis fulica</i>	1
<b><u>Rails, Crakes and Coots</u></b>	<b><u>Rallidae</u></b>	
White-throated Crake	<i>Laterallus albigularis</i>	1
Rufous-necked Wood Rail	<i>Aramides axillaris</i>	1
Rufous-naped Wood Rail	<i>Aramides albiventris</i>	1
Yellow-breasted Crake	<i>Porzana flaviventer</i>	1
Purple Gallinule	<i>Porphyrio martinica</i>	1
<b><u>Limpkin</u></b>	<b><u>Aramidae</u></b>	
Limpkin	<i>Aramus guarauna</i>	1
	<b>CHARADRIIFORMES</b>	
<b><u>Stone-curlews, Thick-knees</u></b>	<b><u>Burhinidae</u></b>	
Double-striped Thick-knee	<i>Burhinus bistriatus</i>	1
<b><u>Stilts, Avocets</u></b>	<b><u>Recurvirostridae</u></b>	
Black-necked Stilt	<i>Himantopus mexicanus</i>	1
<b><u>Plovers</u></b>	<b><u>Charadriidae</u></b>	
Southern Lapwing	<i>Vanellus chilensis</i>	1
Grey Plover	<i>Pluvialis squatarola</i>	1
Semipalmated Plover	<i>Charadrius semipalmatus</i>	1
Wilson's Plover	<i>Charadrius wilsonia</i>	1
Collared Plover	<i>Charadrius collaris</i>	1
<b><u>Jacanas</u></b>	<b><u>Jacanidae</u></b>	
Northern Jacana	<i>Jacana spinosa</i>	1
<b><u>Sandpipers, Snipes</u></b>	<b><u>Scolopacidae</u></b>	
Short-billed Dowitcher	<i>Limnodromus griseus</i>	1
Marbled Godwit	<i>Limosa fedoa</i>	1



Whimbrel	<i>Numenius phaeopus</i>	1
Greater Yellowlegs	<i>Tringa melanoleuca</i>	1
Solitary Sandpiper	<i>Tringa solitaria</i>	1
Willet	<i>Tringa semipalmata</i>	1
Spotted Sandpiper	<i>Actitis macularius</i>	1
Semipalmated Sandpiper (NT)	<i>Calidris pusilla</i>	1
Western Sandpiper	<i>Calidris mauri</i>	1
Least Sandpiper	<i>Calidris minutilla</i>	1
Stilt Sandpiper	<i>Calidris himantopus</i>	1
<b><u>Gulls, Terns and Skimmers</u></b>	<b><u>Laridae</u></b>	
Black Skimmer	<i>Rynchops niger</i>	1
Laughing Gull	<i>Leucophaeus atricilla</i>	1
Gull-billed Tern	<i>Gelochelidon nilotica</i>	1
Royal Tern	<i>Thalasseus maximus</i>	1
Elegant Tern (NT)	<i>Thalasseus elegans</i>	1
Cabot's Tern	<i>Thalasseus acuflavidus</i>	1
	<b>COLUMBIFORMES</b>	
<b><u>Pigeons, Doves</u></b>	<b><u>Columbidae</u></b>	
Rock Dove (I)	<i>Columba livia</i>	1
Band-tailed Pigeon	<i>Patagioenas fasciata</i>	1
Pale-vented Pigeon	<i>Patagioenas cayennensis</i>	1
Red-billed Pigeon	<i>Patagioenas flavirostris</i>	1
Ruddy Pigeon (VU)	<i>Patagioenas subvinacea</i>	1
Short-billed Pigeon	<i>Patagioenas nigrirostris</i>	1
Inca Dove	<i>Columbina inca</i>	1
Common Ground Dove	<i>Columbina passerina</i>	1
Plain-breasted Ground Dove	<i>Columbina minuta</i>	1
Ruddy Ground Dove	<i>Columbina talpacoti</i>	1
White-tipped Dove	<i>Leptotila verreauxi</i>	1
Grey-headed Dove	<i>Leptotila plumbeiceps</i>	1
Grey-chested Dove	<i>Leptotila cassinii</i>	1
Purplish-backed Quail-Dove	<i>Zentrygon lawrencii</i>	1
White-winged Dove	<i>Zenaida asiatica</i>	1
	<b>CUCULIFORMES</b>	
<b><u>Cuckoos</u></b>	<b><u>Cuculidae</u></b>	
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	1
Lesser Ground Cuckoo	<i>Morococcyx erythropygus</i>	1
Squirrel Cuckoo	<i>Piaya cayana</i>	1
Mangrove Cuckoo	<i>Coccyzus minor</i>	1
	<b>STRIGIFORMES</b>	
<b><u>Owls</u></b>	<b><u>Strigidae</u></b>	
Pacific Screech Owl	<i>Megascops cooperi</i>	1

Bare-shanked Screech Owl	<i>Megascops clarkii</i>	1
Vermiculated Screech Owl	<i>Megascops vermiculatus</i>	1
Black-and-white Owl	<i>Strix nigrolineata</i>	1
Spectacled Owl	<i>Pulsatrix perspicillata</i>	1
Central American Pygmy Owl	<i>Glaucidium griseiceps</i>	1
Ferruginous Pygmy Owl	<i>Glaucidium brasilianum</i>	1
Striped Owl	<i>Pseudoscops clamator</i>	1
	<b>CAPRIMULGIFORMES</b>	
<b><u>Potoos</u></b>	<b><u>Nyctibiidae</u></b>	
Great Potoo	<i>Nyctibius grandis</i>	1
<b><u>Nightjars</u></b>	<b><u>Caprimulgidae</u></b>	
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	1
Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	1
Pauraque	<i>Nyctidromus albicollis</i>	1
Chuck-will's-widow	<i>Antrostomus carolinensis</i>	1
	<b>APODIFORMES</b>	
<b><u>Swifts</u></b>	<b><u>Apodidae</u></b>	
White-collared Swift	<i>Streptoprocne zonaris</i>	1
Grey-rumped Swift	<i>Chaetura cinereiventris</i>	1
Vaux's Swift	<i>Chaetura vauxi</i>	1
Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	1
<b><u>Hummingbirds</u></b>	<b><u>Trochilidae</u></b>	
Band-tailed Barbthroat	<i>Threnetes ruckeri</i>	1
Green Hermit	<i>Phaethornis guy</i>	1
Long-billed Hermit	<i>Phaethornis longirostris</i>	1
Stripe-throated Hermit	<i>Phaethornis striigularis</i>	1
Green-fronted Lancebill	<i>Doryfera ludovicae</i>	1
Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>	1
Violet Sabrewing	<i>Campylopterus hemileucurus</i>	1
White-necked Jacobin	<i>Florisuga mellivora</i>	1
Brown Violetear	<i>Colibri delphinae</i>	1
Lesser Violetear	<i>Colibri cyanotus</i>	1
Green-breasted Mango	<i>Anthracothorax prevostii</i>	1
Violet-headed Hummingbird	<i>Klais guimeti</i>	1
Black-crested Coquette	<i>Lophornis helenae</i>	1
Green Thorntail	<i>Discosura conversii</i>	1
Canivet's Emerald	<i>Chlorostilbon canivetii</i>	1
Fiery-throated Hummingbird	<i>Panterpe insignis</i>	1
<b>Coppery-headed Emerald</b>	<b><i>Elvira cupreiceps</i></b>	1
Stripe-tailed Hummingbird	<i>Eupherusa eximia</i>	1
Black-bellied Hummingbird	<i>Eupherusa nigriventris</i>	1
Crowned Woodnymph	<i>Thalurania colombica</i>	1

Blue-throated Sapphire	<i>Hylocharis eliciae</i>	1
Cinnamon Hummingbird	<i>Amazilia rutila</i>	1
Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	1
Blue-chested Hummingbird	<i>Amazilia amabilis</i>	1
Steely-vented Hummingbird	<i>Amazilia saucerrottei</i>	1
Snowcap	<i>Microchera albocoronata</i>	1
Bronze-tailed Plumeleteer	<i>Chalybura urochrysis</i>	1
White-bellied Mountaingem	<i>Lampornis hemileucus</i>	1
Purple-throated Mountaingem	<i>Lampornis calolaemus</i>	1
Green-crowned Brilliant	<i>Heliodoxa jacula</i>	1
Admirable Hummingbird	<i>Eugenes spectabilis</i>	1
Purple-crowned Fairy	<i>Heliothryx barroti</i>	1
Plain-capped Starthroat	<i>Heliomaster constantii</i>	1
Magenta-throated Woodstar	<i>Calliphlox bryantae</i>	1
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	1
Volcano Hummingbird	<i>Selasphorus flammula</i>	1
	<b>TROGONIFORMES</b>	
<b>Trogons</b>	<b>Trogonidae</b>	
Resplendent Quetzal (NT)	<i>Pharomachrus mocinno</i>	1
Lattice-tailed Trogon	<i>Trogon clathratus</i>	1
Slaty-tailed Trogon	<i>Trogon massena</i>	1
Black-headed Trogon	<i>Trogon melanocephalus</i>	1
Gartered Trogon	<i>Trogon caligatus</i>	1
Black-throated Trogon	<i>Trogon rufus</i>	1
Collared Trogon	<i>Trogon collaris</i>	1
	<b>CORACIIFORMES</b>	
<b>Kingfishers</b>	<b>Alcedinidae</b>	
American Pygmy Kingfisher	<i>Chloroceryle aenea</i>	1
Green-and-rufous Kingfisher	<i>Chloroceryle inda</i>	1
Green Kingfisher	<i>Chloroceryle americana</i>	1
Amazon Kingfisher	<i>Chloroceryle amazona</i>	1
Ringed Kingfisher	<i>Megaceryle torquata</i>	1
Belted Kingfisher	<i>Megaceryle alcyon</i>	1
<b>Motmots</b>	<b>Momotidae</b>	
Tody Motmot	<i>Hylomanes momotula</i>	1
Lesson's Motmot	<i>Momotus lessonii</i>	1
Rufous Motmot	<i>Baryphthengus martii</i>	1
Keel-billed Motmot (VU)	<i>Electron carinatum</i>	1
Broad-billed Motmot	<i>Electron platyrhynchum</i>	1
Turquoise-browed Motmot	<i>Eumomota superciliosa</i>	1
	<b>PICIFORMES</b>	
<b>Jacamars</b>	<b>Galbulidae</b>	



Rufous-tailed Jacamar	<i>Galbula ruficauda</i>	1
<b><u>Puffbirds</u></b>	<b><u>Bucconidae</u></b>	
White-necked Puffbird	<i>Notharchus hyperrhynchus</i>	1
Pied Puffbird	<i>Notharchus tectus</i>	1
White-whiskered Puffbird	<i>Malacoptila panamensis</i>	1
White-fronted Nunbird	<i>Monasa morphoeus</i>	1
<b><u>New World Barbets</u></b>	<b><u>Capitonidae</u></b>	
Red-headed Barbet	<i>Eubucco bourcierii</i>	1
<b><u>Toucan Barbets</u></b>	<b><u>Semnornithidae</u></b>	
Prong-billed Barbet	<i>Semnornis frantzii</i>	1
<b><u>Toucans</u></b>	<b><u>Ramphastidae</u></b>	
Blue-throated Toucanet	<i>Aulacorhynchus caeruleogularis</i>	1
Collared Aracari	<i>Pteroglossus torquatus</i>	1
Yellow-eared Toucanet	<i>Selenidera spectabilis</i>	1
Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	1
Yellow-throated Toucan (NT)	<i>Ramphastos ambiguus</i>	1
<b><u>Woodpeckers</u></b>	<b><u>Picidae</u></b>	
Olivaceous Piculet	<i>Picumnus olivaceus</i>	1
Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	1
Hoffmann's Woodpecker	<i>Melanerpes hoffmannii</i>	1
Smoky-brown Woodpecker	<i>Leuconotopicus fumigatus</i>	1
Rufous-winged Woodpecker	<i>Piculus simplex</i>	1
Golden-olive Woodpecker	<i>Colaptes rubiginosus</i>	1
Cinnamon Woodpecker	<i>Celeus loricatus</i>	1
Chestnut-colored Woodpecker	<i>Celeus castaneus</i>	1
Lineated Woodpecker	<i>Dryocopus lineatus</i>	1
Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>	1
	<b>FALCONIFORMES</b>	
<b><u>Caracaras, Falcons</u></b>	<b><u>Falconidae</u></b>	
Northern Crested Caracara	<i>Caracara cheriway</i>	1
Yellow-headed Caracara	<i>Milvago chimachima</i>	1
Laughing Falcon	<i>Herpetotheres cachinnans</i>	1
American Kestrel	<i>Falco sparverius</i>	1
Merlin	<i>Falco columbarius</i>	1
Bat Falcon	<i>Falco ruficularis</i>	1
Peregrine Falcon	<i>Falco peregrinus</i>	1
	<b>PSITTACIFORMES</b>	
<b><u>African &amp; New World Parrots</u></b>	<b><u>Psittacidae</u></b>	
Orange-chinned Parakeet	<i>Brotogeris jugularis</i>	1
Brown-hooded Parrot	<i>Pyrilia haematotis</i>	1
White-crowned Parrot	<i>Pionus senilis</i>	1
White-fronted Amazon	<i>Amazona albifrons</i>	1

Red-lored Amazon	<i>Amazona autumnalis</i>	1
Yellow-naped Amazon (VU)	<i>Amazona auropalliata</i>	1
Northern Mealy Amazon (NT)	<i>Amazona guatemalae</i>	1
Olive-throated Parakeet	<i>Eupsittula nana</i>	1
Orange-fronted Parakeet	<i>Eupsittula canicularis</i>	1
Great Green Macaw (EN)	<i>Ara ambiguus</i>	1
Scarlet Macaw	<i>Ara macao</i>	1
Finsch's Parakeet	<i>Psittacara finschi</i>	1
	<b>PASSERIFORMES</b>	
<b>Ovenbirds</b>	<b>Furnariidae</b>	
Slaty Spinetail	<i>Synallaxis brachyura</i>	1
Red-faced Spinetail	<i>Cranioleuca erythropus</i>	1
Spotted Barbtail	<i>Premnoplex brunnescens</i>	1
Ruddy Treerunner	<i>Margarornis rubiginosus</i>	1
Scaly-throated Foliage-gleaner	<i>Anabacerthia variegaticeps</i>	1
Lineated Foliage-gleaner	<i>Syndactyla subalaris</i>	1
Streak-breasted Treehunter	<i>Thripadectes rufobrunneus</i>	1
Buff-throated Foliage-gleaner	<i>Automolus ochrolaemus</i>	1
Tawny-throated Leaf-tosser	<i>Sclerurus mexicanus</i>	1
Grey-throated Leaf-tosser (NT)	<i>Sclerurus albigularis</i>	1
Plain Xenops	<i>Xenops minutus</i>	1
Plain-brown Woodcreeper	<i>Dendrocincla fuliginosa</i>	1
Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>	1
Northern Barred Woodcreeper	<i>Dendrocolaptes sanctithomae</i>	1
Cocoa Woodcreeper	<i>Xiphorhynchus susurrans</i>	1
Spotted Woodcreeper	<i>Xiphorhynchus erythropygius</i>	1
Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>	1
Brown-billed Scythebill	<i>Campylorhamphus pusillus</i>	1
<b>Antbirds</b>	<b>Thamnophilidae</b>	
Fasciated Antshrike	<i>Cymbilaimus lineatus</i>	1
Great Antshrike	<i>Taraba major</i>	1
Barred Antshrike	<i>Thamnophilus doliatus</i>	1
Black-crowned Antshrike	<i>Thamnophilus atrinucha</i>	1
Russet Antshrike	<i>Thamnistes anabatinus</i>	1
Plain Antwren	<i>Dysithamnus mentalis</i>	1
Streak-crowned Antwren	<i>Dysithamnus striaticeps</i>	1
Checker-throated Antwren	<i>Epinecrophylla fulviventris</i>	1
White-flanked Antwren	<i>Myrmotherula axillaris</i>	1
Slaty Antwren	<i>Myrmotherula schisticolor</i>	1
Dusky Antbird	<i>Cercomacra tyrannina</i>	1
Bare-crowned Antbird	<i>Gymnocichla nudiceps</i>	1
Dull-mantled Antbird	<i>Myrmeciza laemosticta</i>	1

Zeledon's Antbird	<i>Myrmeciza zeledoni</i>	1
Spotted Antbird	<i>Hylophylax naevioides</i>	1
<b>Antthrushes</b>	<b>Formicariidae</b>	
Black-faced Antthrush	<i>Formicarius analis</i>	1
Black-headed Antthrush	<i>Formicarius nigricapillus</i>	1
Rufous-breasted Antthrush	<i>Formicarius rufipectus</i>	1
<b>Antpittas</b>	<b>Grallariidae</b>	
Scaled Antpitta	<i>Grallaria guatimalensis</i>	1
Thicket Antpitta	<i>Hylopezus dives</i>	1
Ochre-breasted Antpitta (NT)	<i>Grallaricula flavirostris</i>	1
<b>Tapaculos</b>	<b>Rhinocryptidae</b>	
Silvery-fronted Tapaculo	<i>Scytalopus argentifrons</i>	1
<b>Tyrant Flycatchers</b>	<b>Tyrannidae</b>	
Greenish Elaenia	<i>Myiopagis viridicata</i>	1
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	1
Mountain Elaenia	<i>Elaenia frantzii</i>	1
Yellow-bellied Tyrannulet	<i>Ornithion semiflavum</i>	1
Northern Beardless Tyrannulet	<i>Camptostoma imberbe</i>	1
Yellow Tyrannulet	<i>Capsiempis flaveola</i>	1
Mistletoe Tyrannulet	<i>Zimmerius parvus</i>	1
Rufous-browed Tyrannulet	<i>Phylloscartes superciliaris</i>	1
Olive-striped Flycatcher	<i>Mionectes olivaceus</i>	1
Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	1
Slaty-capped Flycatcher	<i>Leptopogon superciliaris</i>	1
Northern Scrub Flycatcher	<i>Sublegatus arenarum</i>	1
Northern Bentbill	<i>Oncostoma cinereigulare</i>	1
Scale-crested Pygmy Tyrant	<i>Lophotriccus pileatus</i>	1
Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	1
Black-headed Tody-Flycatcher	<i>Todirostrum nigriceps</i>	1
Eye-ringed Flatbill	<i>Rhynchocyclus brevirostris</i>	1
Yellow-olive Flatbill	<i>Tolmomyias sulphurescens</i>	1
White-throated Spadebill	<i>Platyrinchus mystaceus</i>	1
Black Phoebe	<i>Sayornis nigricans</i>	1
Northern Tufted Flycatcher	<i>Mitrephanes phaeocercus</i>	1
Olive-sided Flycatcher (NT)	<i>Contopus cooperi</i>	1
<b>Dark Pewee</b>	<b>Contopus lugubris</b>	1
Tropical Pewee	<i>Contopus cinereus</i>	1
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	1
Willow Flycatcher	<i>Empidonax traillii</i>	1
Yellowish Flycatcher	<i>Empidonax flavescens</i>	1
Black-capped Flycatcher	<i>Empidonax atriceps</i>	1
Long-tailed Tyrant	<i>Colonia colonus</i>	1



Piratic Flycatcher	<i>Legatus leucophaeus</i>	1
Social Flycatcher	<i>Myiozetetes similis</i>	1
Grey-capped Flycatcher	<i>Myiozetetes granadensis</i>	1
Great Kiskadee	<i>Pitangus sulphuratus</i>	1
White-ringed Flycatcher	<i>Conopias albobittatus</i>	1
Golden-bellied Flycatcher	<i>Myiodynastes hemichrysus</i>	1
Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>	1
Streaked Flycatcher	<i>Myiodynastes maculatus</i>	1
Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	1
Tropical Kingbird	<i>Tyrannus melancholicus</i>	1
Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	1
Fork-tailed Flycatcher	<i>Tyrannus savana</i>	1
Rufous Mourner	<i>Rhytipterna holerythra</i>	1
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	1
Panamanian Flycatcher	<i>Myiarchus panamensis</i>	1
Nutting's Flycatcher	<i>Myiarchus nuttingi</i>	1
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	1
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	1
Bright-rumped Attila	<i>Attila spadiceus</i>	1
<b>Cotingas</b>	<b>Cotingidae</b>	
Lovely Cotinga	<i>Cotinga amabilis</i>	1
Three-wattled Bellbird (VU)	<i>Procnias tricarunculatus</i>	1
Snowy Cotinga	<i>Carpodectes nitidus</i>	1
<b>Manakins</b>	<b>Pipridae</b>	
Long-tailed Manakin	<i>Chiroxiphia linearis</i>	1
White-ruffed Manakin	<i>Corapipo altera</i>	1
White-collared Manakin	<i>Manacus candei</i>	1
White-crowned Manakin	<i>Pseudopipra pipra</i>	1
<b>Tityras, Becards</b>	<b>Tityridae</b>	
Sharpbill	<i>Oxyruncus cristatus</i>	1
Northern Royal Flycatcher	<i>Onychorhynchus mexicanus</i>	1
Black-crowned Tityra	<i>Tityra inquisitor</i>	1
Masked Tityra	<i>Tityra semifasciata</i>	1
Northern Schiffornis	<i>Schiffornis veraepacis</i>	1
Barred Becard	<i>Pachyramphus versicolor</i>	1
Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>	1
Rose-throated Becard	<i>Pachyramphus aglaiae</i>	1
<b>Vireos, Greenlets</b>	<b>Vireonidae</b>	
Green Shrike-Vireo	<i>Vireolanius pulchellus</i>	1
Mangrove Vireo	<i>Vireo pallens</i>	1
Yellow-throated Vireo	<i>Vireo flavifrons</i>	1
Yellow-winged Vireo	<i>Vireo carmioli</i>	1

Brown-capped Vireo	<i>Vireo leucophrys</i>	1
Philadelphia Vireo	<i>Vireo philadelphicus</i>	1
Yellow-green Vireo	<i>Vireo flavoviridis</i>	1
Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>	1
Lesser Greenlet	<i>Hylophilus decurtatus</i>	1
<b>Crows, Jays</b>	<b>Corvidae</b>	
Azure-hooded Jay	<i>Cyanolyca cucullata</i>	1
Brown Jay	<i>Psilorhinus morio</i>	1
White-throated Magpie-Jay	<i>Calocitta formosa</i>	1
<b>Silky-flycatchers</b>	<b>Ptiliognatidae</b>	
Black-and-yellow Phainoptila	<i>Phainoptila melanoxantha</i>	1
Long-tailed Silky-flycatcher	<i>Ptiliognys caudatus</i>	1
<b>Swallows, Martins</b>	<b>Hirundinidae</b>	
Sand Martin	<i>Riparia riparia</i>	1
Mangrove Swallow	<i>Tachycineta albilinea</i>	1
Grey-breasted Martin	<i>Progne chalybea</i>	1
Blue-and-white Swallow	<i>Notiochelidon cyanoleuca</i>	1
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	1
Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>	1
Barn Swallow	<i>Hirundo rustica</i>	1
American Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	1
<b>Wrens</b>	<b>Troglodytidae</b>	
Band-backed Wren	<i>Campylorhynchus zonatus</i>	1
Rufous-backed Wren	<i>Campylorhynchus capistratus</i>	1
Black-throated Wren	<i>Pheugopedius atrogularis</i>	1
Spot-breasted Wren	<i>Pheugopedius maculipectus</i>	1
Banded Wren	<i>Thryophilus pleurostictus</i>	1
Rufous-and-white Wren	<i>Thryophilus rufalbus</i>	1
Cabanis's Wren	<i>Cantorchilus modestus</i>	1
Canebrake Wren	<i>Cantorchilus zeledoni</i>	1
Bay Wren	<i>Cantorchilus nigricapillus</i>	1
Stripe-breasted Wren	<i>Cantorchilus thoracicus</i>	1
House Wren	<i>Troglodytes aedon</i>	1
Ochraceous Wren	<i>Troglodytes ochraceus</i>	1
White-breasted Wood Wren	<i>Henicorhina leucosticta</i>	1
Grey-breasted Wood Wren	<i>Henicorhina leucophrys</i>	1
Northern Nightingale-Wren	<i>Microcerculus philomela</i>	1
Song Wren	<i>Cyphorhinus phaeocephalus</i>	1
<b>Gnatcatchers</b>	<b>Polioptilidae</b>	
Tawny-faced Gnatwren	<i>Microbates cinereiventris</i>	1
Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>	1
White-lored Gnatcatcher	<i>Polioptila albiloris</i>	1

Tropical Gnatcatcher	<i>Polioptila plumbea</i>	1
<b><u>Mockingbirds, Thrashers</u></b>	<b><u>Mimidae</u></b>	
Tropical Mockingbird	<i>Mimus gilvus</i>	1
<b><u>Thrushes</u></b>	<b><u>Turdidae</u></b>	
Black-faced Solitaire	<i>Myadestes melanops</i>	1
Black-billed Nightingale-Thrush	<i>Catharus gracilirostris</i>	1
Orange-billed Nightingale-Thrush	<i>Catharus aurantiirostris</i>	1
Slaty-backed Nightingale-Thrush	<i>Catharus fuscater</i>	1
Ruddy-capped Nightingale-Thrush	<i>Catharus frantzii</i>	1
Black-headed Nightingale-Thrush	<i>Catharus mexicanus</i>	1
Swainson's Thrush	<i>Catharus ustulatus</i>	1
Wood Thrush (NT)	<i>Hylocichla mustelina</i>	1
Mountain Thrush	<i>Turdus plebejus</i>	1
Pale-vented Thrush	<i>Turdus obsoletus</i>	1
Clay-colored Thrush	<i>Turdus grayi</i>	1
White-throated Thrush	<i>Turdus assimilis</i>	1
<b><u>Dippers</u></b>	<b><u>Cinclidae</u></b>	
American Dipper	<i>Cinclus mexicanus</i>	1
<b><u>Old World Sparrows, Snowfinches</u></b>	<b><u>Passeridae</u></b>	
House Sparrow (I)	<i>Passer domesticus</i>	1
<b><u>Finches</u></b>	<b><u>Fringillidae</u></b>	
Scrub Euphonia	<i>Euphonia affinis</i>	1
Yellow-crowned Euphonia	<i>Euphonia luteicapilla</i>	1
Yellow-throated Euphonia	<i>Euphonia hirundinacea</i>	1
Olive-backed Euphonia	<i>Euphonia gouldi</i>	1
Tawny-capped Euphonia	<i>Euphonia annae</i>	1
Golden-browed Chlorophonia	<i>Chlorophonia callophrys</i>	1
<b><u>New World Warblers</u></b>	<b><u>Parulidae</u></b>	
Ovenbird	<i>Seiurus aurocapilla</i>	1
Louisiana Waterthrush	<i>Parkesia motacilla</i>	1
Northern Waterthrush	<i>Parkesia noveboracensis</i>	1
Golden-winged Warbler (NT)	<i>Vermivora chrysoptera</i>	1
Black-and-white Warbler	<i>Mniotilta varia</i>	1
Flame-throated Warbler	<i>Oreothlypis gutturalis</i>	1
Tennessee Warbler	<i>Leiothlypis peregrina</i>	1
Grey-crowned Yellowthroat	<i>Geothlypis poliocephala</i>	1
Mourning Warbler	<i>Geothlypis philadelphia</i>	1
Kentucky Warbler	<i>Geothlypis formosa</i>	1
Olive-crowned Yellowthroat	<i>Geothlypis semiflava</i>	1
Common Yellowthroat	<i>Geothlypis trichas</i>	1
Hooded Warbler	<i>Setophaga citrina</i>	1
American Redstart	<i>Setophaga ruticilla</i>	1



Tropical Parula	<i>Setophaga pitiayumi</i>	1
Blackburnian Warbler	<i>Setophaga fusca</i>	1
American Yellow Warbler	<i>Setophaga aestiva</i>	1
Mangrove Warbler	<i>Setophaga petechia</i>	1
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	1
Black-throated Green Warbler	<i>Setophaga virens</i>	1
Buff-rumped Warbler	<i>Myiothlypis fulvicauda</i>	1
Rufous-capped Warbler	<i>Basileuterus rufifrons</i>	1
Golden-crowned Warbler	<i>Basileuterus culicivorus</i>	1
Black-eared Warbler	<i>Basileuterus melanotis</i>	1
Wilson's Warbler	<i>Cardellina pusilla</i>	1
Slate-throated Whitestart	<i>Myioborus miniatus</i>	1
Collared Whitestart	<i>Myioborus torquatus</i>	1
<b><u>Oropendolas, Orioles and Blackbirds</u></b>	<b><u>Icteridae</u></b>	
Eastern Meadowlark	<i>Sturnella magna</i>	1
Red-breasted Blackbird	<i>Sturnella militaris</i>	1
Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	1
Chestnut-headed Oropendola	<i>Psarocolius wagleri</i>	1
Montezuma Oropendola	<i>Psarocolius montezuma</i>	1
Scarlet-rumped Cacique	<i>Cacicus microrhynchus</i>	1
Streak-backed Oriole	<i>Icterus pustulatus</i>	1
Baltimore Oriole	<i>Icterus galbula</i>	1
Spot-breasted Oriole	<i>Icterus pectoralis</i>	1
Black-cowled Oriole	<i>Icterus prothemelas</i>	1
Orchard Oriole	<i>Icterus spurius</i>	1
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	1
Giant Cowbird	<i>Molothrus oryzivorus</i>	1
Shiny Cowbird	<i>Molothrus bonariensis</i>	1
Bronzed Cowbird	<i>Molothrus aeneus</i>	1
Melodious Blackbird	<i>Dives dives</i>	1
Nicaraguan Grackle	<i>Quiscalus nicaraguensis</i>	1
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	1
<b><u>Bananaquit</u></b>	<b><u>Coerebidae</u></b>	
Bananaquit	<i>Coereba flaveola</i>	1
<b><u>Buntings, New World Sparrows</u></b>	<b><u>Emberizidae</u></b>	
Rufous-collared Sparrow	<i>Zonotrichia capensis</i>	1
Stripe-headed Sparrow	<i>Peucaea ruficauda</i>	1
White-eared Ground Sparrow	<i>Melospiza leucotis</i>	1
Olive Sparrow	<i>Arremonops rufivirgatus</i>	1
Black-striped Sparrow	<i>Arremonops conirostris</i>	1
Orange-billed Sparrow	<i>Arremon aurantirostris</i>	1
Chestnut-capped Brushfinch	<i>Arremon brunneinucha</i>	1

Sooty-faced Finch	<i>Arremon crassirostris</i>	1
Large-footed Finch	<i>Pezopetes capitalis</i>	1
White-naped Brushfinch	<i>Atlapetes albinucha</i>	1
Yellow-thighed Finch	<i>Pselliophorus tibialis</i>	1
Common Bush Tanager	<i>Chlorospingus flavopectus</i>	1
Sooty-capped Bush Tanager	<i>Chlorospingus pileatus</i>	1
<b>Tanagers and allies</b>	<b>Thraupidae</b>	
Tawny-crested Tanager	<i>Tachyphonus delatrii</i>	1
Crimson-collared Tanager	<i>Ramphocelus sanguinolentus</i>	1
Passerini's Tanager	<i>Ramphocelus passerinii</i>	1
Blue-grey Tanager	<i>Thraupis episcopus</i>	1
Palm Tanager	<i>Thraupis palmarum</i>	1
Blue-and-gold Tanager (NT)	<i>Bangsia arcaei</i>	1
Plain-colored Tanager	<i>Tangara inornata</i>	1
Emerald Tanager	<i>Tangara florida</i>	1
Silver-throated Tanager	<i>Tangara icterocephala</i>	1
Bay-headed Tanager	<i>Tangara gyrola</i>	1
Golden-hooded Tanager	<i>Tangara larvata</i>	1
Spangle-cheeked Tanager	<i>Tangara dowii</i>	1
Scarlet-thighed Dacnis	<i>Dacnis venusta</i>	1
Shining Honeycreeper	<i>Cyanerpes lucidus</i>	1
Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	1
Green Honeycreeper	<i>Chlorophanes spiza</i>	1
Black-and-yellow Tanager	<i>Chrysothlypis chrysomelas</i>	1
Slaty Flowerpiercer	<i>Diglossa plumbea</i>	1
Black-headed Saltator	<i>Saltator atriceps</i>	1
Buff-throated Saltator	<i>Saltator maximus</i>	1
Greyish Saltator	<i>Saltator coerulescens</i>	1
Blue-black Grassquit	<i>Volatinia jacarina</i>	1
Variable Seedeater	<i>Sporophila corvina</i>	1
White-collared Seedeater	<i>Sporophila torqueola</i>	1
Ruddy-breasted Seedeater	<i>Sporophila minuta</i>	1
Thick-billed Seed Finch	<i>Oryzoborus funereus</i>	1
Nicaraguan Seed Finch	<i>Oryzoborus nuttingi</i>	1
Yellow-faced Grassquit	<i>Tiaris olivaceus</i>	1
<b>Cardinals, Grosbeaks and allies</b>	<b>Cardinalidae</b>	
Flame-colored Tanager	<i>Piranga bidentata</i>	1
Tooth-billed Tanager	<i>Piranga lutea</i>	1
Summer Tanager	<i>Piranga rubra</i>	1
Red-throated Ant Tanager	<i>Habia fuscicauda</i>	1
Carmioli's Tanager	<i>Chlorothraupis carmioli</i>	1
Black-thighed Grosbeak	<i>Pheucticus tibialis</i>	1

Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	1
Black-faced Grosbeak	<i>Caryothraustes poliogaster</i>	1
Blue-black Grosbeak	<i>Cyanocompsa cyanoides</i>	1
Blue Grosbeak	<i>Passerina caerulea</i>	1
Indigo Bunting	<i>Passerina cyanea</i>	1
Painted Bunting (NT)	<i>Passerina ciris</i>	1
<b>TOTAL</b>		<b>498</b>

<b>COSTA RICA 2017 MAMMAL LIST</b>		
<b>Common Name (IUCN)</b>	<b>Scientific Name (IUCN)</b>	<b>Trip</b>
	<b>LAGOMORPHA</b>	
	<b>Leporidae</b>	
Tapiti	<i>Sylvilagus brasiliensis</i>	1
	<b>CARNIVORA</b>	
	<b>Procyonidae</b>	
White-nosed coati	<i>Nasua narica</i>	1
Crab-eating raccoon	<i>Procyon cancrivorus</i>	1
	<b>RODENTIA</b>	
	<b>Sciuridae</b>	
Variiegated squirrel	<i>Sciurus variegatoides</i>	1
Red-tailed squirrel	<i>Sciurus granatensis</i>	1
Central American dwarf squirrel	<i>Microsciurus alfari</i>	1
	<b>Dasyproctidae</b>	
Central American agouti	<i>Dasyprocta punctata</i>	1
	<b>CETARTIODACTYLA</b>	
	<b>Tayassuidae</b>	
Collared peccary	<i>Pecari tajacu</i>	1
	<b>CHIROPTERA</b>	
	<b>Emballonuridae</b>	
Proboscis bat	<i>Rhynchonycteris naso</i>	1
	<b>Phyllostomidae</b>	
Honduran white bat	<i>Ectophylla alba</i>	1
	<b>PRIMATES</b>	
	<b>Atelidae</b>	
Mantled howler monkey	<i>Alouatta palliata</i>	1
Geoffroy's spider monkey	<i>Ateles geoffroyi</i>	1
	<b>Cebidae</b>	



Colombian white-faced capuchin	<i>Cebus capucinus</i>	1
	<b>PILOSA</b>	
	<b>Bradypodidae</b>	
Brown-throated sloth	<i>Bradypus variegatus</i>	1
	<b>Myrmecophagidae</b>	
Northern tamandua	<i>Tamandua mexicana</i>	1
	<b>Megalonychidae</b>	
Hoffmann's two-toed sloth	<i>Choloepus hoffmanni</i>	1
<b>TOTAL</b>		<b>16</b>

<b>COSTA RICA 2017 REPTILE LIST</b>		
<b>Common Name</b>	<b>Scientific Name</b>	<b>Trip</b>
	<b>TESTUDINES</b>	
	<b>Geoemydidae</b>	
Black wood turtle	<i>Rhinoclemmys funerea</i>	1
	<b>Emydidae</b>	
Yellow-bellied slider turtle	<i>Trachemys scripta</i>	1
	<b>Kinosternidae</b>	
Eastern musk turtle	<i>Sternotherus odoratus</i>	1
	<b>SQUAMATA</b>	
	<b>Viperidae</b>	
Eyelash viper	<i>Bothriechis schlegelii</i>	1
	<b>Dactyloidae</b>	
Humble anole	<i>Anolis humilis</i>	1
Neotropical green anole	<i>Anolis biporcatus</i>	1
Bighead anole	<i>Anolis capito</i>	1
	<b>Iguanidae</b>	
Common green iguana	<i>Iguana iguana</i>	1
Common spiny-tailed iguana	<i>Ctenosaura similis</i>	1
	<b>Corytophanidae</b>	
Green basilisk	<i>Basiliscus plumifrons</i>	1
Smooth helmeted iguana	<i>Corytophanes cristatus</i>	1
Common basilisk	<i>Basiliscus basiliscus</i>	1
	<b>Gekkonidae</b>	
Tropical house gecko	<i>Hemidactylus mabouia</i>	1
	<b>Teiidae</b>	
Middle American ameiva	<i>Holcosus festivus</i>	1
	<b>CROCODYLIA</b>	
	<b>Alligatoridae</b>	

Common caiman	<i>Caiman crocodilus</i>	1
	<b>Crocodylidae</b>	
American crocodile	<i>Crocodylus acutus</i>	1
<b>TOTAL</b>		<b>16</b>

<b>COSTA RICA 2017 AMPHIBIAN LIST</b>		
<b>Common Name</b>	<b>Scientific Name</b>	<b>Trip</b>
	<b>ANURA</b>	
	<b>Dendrobatidae</b>	
Strawberry poison frog	<i>Oophaga pumilio</i>	1
	<b>Phyllomedusidae</b>	
Red-eyed treefrog	<i>Agalychnis callidryas</i>	1
	<b>Leptodactylidae</b>	
South American bullfrog	<i>Leptodactylus pentadactylus</i>	1
	<b>Bufonidae</b>	
Cane toad	<i>Rhinella marina</i>	1
	<b>Ranidae</b>	
Vaillant's frog	<i>Lithobates vaillanti</i>	1
<b>TOTAL</b>		<b>5</b>