

Panama - The Best of Tropical America

12 - 25 February 2024

TOUR LEADER: Nick Athanas

Report by Nick Athanas; photos by Mike Neubauer (thank you!) and Nick Athanas



Agami Heron (photo by Mike Neubauer) – A scarce bird anywhere, but especially in Panama; this was one of our favorites of the trip

It's hard to top Panama in terms of density of species – the tiny Central American country (smaller than South Carolina) boasts an incredible 1000+ bird species, about as many as all of North America north of Mexico. This tour is designed to be an introduction to this biodiverse nation, spending time in central, western, and eastern Panama, including an exciting daytrip into the Darien. It's also a great tour for finding some of the most difficult and enigmatic Neotropical bird families - in particular Rosy Thrush-Tanager, Wrenthrush, and Sapayoa, all of which we saw on the tour. Some of the other standout species from the trip included Agami Heron, Yellow-eared Toucanet, Tody Motmot, Resplendent Quetzal, Choco Screech-Owl, Gray-cheeked Nunlet, Strpe-cheeked Woodpecker, Black Antshrike, Streak-chested Antpitta, Double-banded Graytail, Blue Cotinga, Green Shrike-Vireo, and Slate-throated Gnatcatcher. We saw a decent number of mammals too, including multiple sightings of the cute but seemingly always angry Geoffroy's Tamarin (photo below by Nick A.) Panama has been enduring a historic draught in recent months, which has been in the news due to its effect on limiting traffic through the Canal. I had been worried that it might impact the birding, but with a few exceptions we had decent activity, and our final birdlist was over 400 species.



Our first full day of birding was in and around Panama City. We started at Metropolitan Nature Park just as it opened, and the parking lot was already packed. By chance it was Carnaval (Mardi Gras), a national holiday, and while this meant that there was a lot less traffic in the city (which can be horrendous), there were a lot of folks out and about enjoying the beautiful morning. However the wildlife is accustomed to people in this popular park, and we still saw quite a lot, such as Gartered Trogon, Broad-billed Motmot, White-necked Puffbird, Crimson-crested Woodpecker, White-bellied Antbird, Red-capped Manakin, Green Shrike-Vireo, Golden-fronted Greenlet, Black-chested Jay, Rufous-breasted and Rufous-and-white Wren, and Red-throated Ant-Tanager. It took a while to track down a Rosy Thrush-Tanager, but finally one started calling near the trail, then after sneaking in low like they usually do, climbed up surprisingly high into a tree. The mammals were also fun – we saw our first Geoffroy's Tamarins, a Brown-throated Sloth was hanging out in a bare tree, a troop of Mantled Howlers was attracting tons of attention from the passersby, and a fearless family of White-nosed Coatis snuffled around almost at our feet. By noon we were pretty hot and sweaty and ready for a break. We found a decent restaurant nearby and enjoyed a relaxing lunch before heading to Old Panama and Costa del Este. The tide was way out but we still saw a good selection of coastal birds and shorebirds. A patch of mangroves nearby was even better and we were able to locate the handsome "Mangrove" Yellow Warbler, a responsive Straight-billed Woodcreeper, the stubby-billed Northern Scrub-Flycatcher, a singing Scrub Greenlet, and even an American Pygmy Kingfisher. Later in the afternoon, we birded the scrubby habitat between our hotel and the airport, which was surprisingly good, with 50 species recorded in a short amount of time, including Black-striped Sparrow, Pale-breasted Spinetail, and Isthmian Wren, just to mention a few.



Red-capped Manakin (N. Athanas)

Next morning we headed up to Cerro Azul in the cooler mountains north of Panama City. Things started off with a bang with closeup views of the superb and scarce Yellow-eared Toucanet, but then fog and wind kept things very slow for a while. Our first attempt to see the endemic Violet-capped Hummingbird was hopeless, so we bailed (for now) and drove down out of the fog to another road that had much better activity. We soon connected with the other target endemic, Stripe-cheeked Woodpecker, along with a nice selection of other species like Black-cheeked Woodpecker, Snowybellied Hummingbird, Cocoa Woodcreeper, Velvety Manakin, Chestnut-headed Oropendola, Speckled, Plain-colored, Golden-hooded, and Crimson-backed Tanagers, Green and Red-legged Honeycreepers, and a bunch of wintering wood-

warblers including a Golden-winged. Normally on this day we would visit a set of feeders at a private residence, but the owners were away on vacation, so we missed out on that. Instead I went to a stakeout for Tody Motmot that I had tried several times in the past with zero luck. Today was different! One started calling back almost immediately, and we soon realized it was really close to the trail. Despite everyone searching intently, it remained elusive until I clambered down off the trail and crawled through the brush until I finally saw it hop up on a branch. Not knowing if it was visible from the trail, I called everyone down and we all managed to contort ourselves into position to see this rare and elusive bird. Eric (maybe sensibly!) stayed up on the trail, but by homing in on the laser, he was able to also see it through a tiny window. It seemed a good consolation for missing out on the feeders! We had lunch at a simple but tasty restaurant in Cerro Azul, then made another assault on the mountain for the hummingbird. Before we got there, we stopped for a Grayheaded Chachalaca, and in the same spot saw a superb Emerald Tanager and a pair of Chestnut-capped Warblers. The road up to the top had dried out a bit, so I was able to drive all the way up and this time we did manage to find a female Violet-capped Hummingbird. We still had some time left, so checked out a few other spots, where a few birds of note were Shining Honeycreeper, Fulvous-vented Euphonia, and several more Stripe-cheeked Woodpeckers, before driving back down the mountain to our hotel in Panama City.



Yellow-eared Toucanet (Mike Neaubauer)



Stripe-cheeked Woodpecker (Mike Neaubauer)

Early next morning, we headed to the airport to catch a short flight to David in the province of Chiriquí in western Panama. We had three days to explore this area, based in the mountain town of Volcán with Panama's tallest peak, Barú, looming over us nearby. Before heading upslope, we had a short stop at a park next to the airport, a great spot to see Lance-tailed Manakin, and it did not disappoint (photo right, Mike N.). Also here were Orange-chinned Parakeet, Northern Mouse-colored Tyrannulet, Lesser Elaenia, Panama Flycatcher, Fork-tailed Flycatcher, and some others. We then drove the 1h20m or so to David, where along the way a Fiery**billed Aracari** flew across the highway in front of us – sadly that was the only one of the trip. We checked into our hotel and had lunch before venturing up to higher elevations at La Amistad. The weather changed dramatically as we neared the park, with low cloud cover, mist, and some light rain – perfect for cloudforest birding! In this habitat the birds tend to be much more active in this type of weather compared to when it is super dry. Birds were moving all around us for the next couple of hours, and it was tons of fun to see them so well. Noisy Golden-bellied Flycatchers started things off,



soon followed by several Long-tailed Silky-Flycatchers, and then it got crazy. A stream of birds followed in quick succession: Ruddy Treerunner, Collared Redstart, Black-cheeked Warbler, Tufted Flycatcher, Yellow-winged Vireo, White-fronted Tyrannulet, Gray-breasted Wood-Wren, Yellowish Flycatcher, Sooty-capped Chlorospingus, and Yellowthighed Brushfinch. Suddenly I realized that there was a Wrenthrush singing right next to us, and Mark and I latched eyes onto it almost immediately, simultaneously announcing it. I looked up and saw the rest of the group was intent on something else, then panicked that they would not see it! I can't really remember what I said, maybe that is just as well, but quickly everyone was on this strange, tiny, monotypic bird. As if that was not enough, soon after a group of Prongbilled Barbets came in and started feeding on fruit at eye level, and a Ruddy-capped Nightingale-Thrush sat out in the open. Unfortunately this park closes early at 4pm, so with daylight left, we headed over to Bajo Grande and birded the road up to Volcán Barú NP. This is the best spot on the tour for Respendant Quetzal, and continuing our epic afternoon, we tracked down a calling male in its finest regalia (thanks Georganne!), which we admired for a while. Also nearby were Flame-throated Warbler, Ochraceous Wren, and Spot-crowned Woodcreeper before we called it a day.



Respendent Quetzal (Mike Neubauer)

Down in the foothills below Volcán, there is a great little private reserve called Birding Paradise. It's owned by Mishael (the H is silent), who taught himself the birds over the years and guides visitors around his property. We arrived just after dawn to take full advantage of the morning, and we saw and/or heard nearly 100 species during the morning pretty amazing for such a small area. The feeders were a bit slower than normal, perhaps do the onset of the breeding season, but were attracting birds like Scarlet-rumped Tanager, Black-striped Sparrow, Snowy-bellied and Scalybreasted Hummingbirds, Long-billed Starthroat, and Gray-headed Chachalaca. We didn't linger too long at the feeders and birded his yard and a short trail for most of the rest of the morning. Some of the highlights were Crested Guan, Garden Emerald, Short-tailed Hawk, Lesson's Motmot, Laughing Falcon, Brown-throated and Crimson-fronted Parakeets, White-ruffed, Velvety, and Orange-collared Manakins, Scale-crested Pygmy-Tyrant, Gray-capped Flycatcher, White-browed Gnatcatcher, Riverside Wren, Spot-crowned Euphonia, Orange-billed Sparrow, Chestnutheaded and Crested Oropendolas, Buff-rumped Warbler, Golden-hooded Tanager, Red-legged and Green Honeycreepers, Buff-throated Saltator, and a surprise Painted Bunting.



Orange-billed Sparrow (Mike Neubauer)

After leaving Birding Paradise, we stopped for lunch in Volcán (seeing a White Hawk along the way), then headed back up to La Amistad. It was sunny and much quieter than yesterday (at least birdwise - a throng of young boy and girl scouts were having a fun time around the visitor's center!). However, we did succeed in tracking down several new trip birds like Silvery-fronted Tapaculo, Black-faced Solitaire, and Large-footed Finch, and found another male Resplendent Quetzal. After the park closed, we drove down to Lagunas de Volcán, where we successfully hunted down a "Chiriqui" Olive-crowned Yellowthroat plus a few others like Orange-billed Nightingale-Thrush before heading back to the hotel.



The Olive-crowned Yellowthroats in SW Panama and adjacent Costa Rica are likely to be split (Nick A.)

We started the morning back above Bajo Grande, where we had seen our first quetzal two days ago. This time, we hiked a long way up the often steep track towards Volcán Barú National Park. Some of the best bird activity was right at the start, where hummingbirds like Lesser Violetear, White-throated Mountain-gem, and Volcano Hummingbird, and Scintillant Hummingbird were busy working the flowers near the parking lot, along with several Slaty Flowerpiercers. Red-faced Spinetails were singing nearby and came in close after a bit of playback. Since our luck in La Amistad was pretty good the last couple of days, most of what we saw during today's hike were repeats, but it was great to see them again, and some such as Flame-throated Warbler and Flame-colored Tanager showed a lot better today. Dark Pewee, Stripe-tailed Hummingbird, Northern Emerald Toucanet, Black-capped Flycatcher, Yellow-bellied Siskin, and Silverthroated Tanager were all new for the tour, but despite an intensive search, a singing Costa Rican Pygmy-Owl could not be located, since it was hiding very up in an enormous oak tree. After the long walk in the morning, it was nice to relax a bit in the afternoon. We spent several hours at the Tamandua hummingbird garden in Guadalupe, waiting for the birds to come to us and having some time to photograph them too. Lesser Violetear, Talamanca Hummingbird, Whitethroated Mountain-gem, Violet-Sabrewing, Stripe-tailed Hummingbird, Snowy-bellied Hummingbird, and Rufoustailed Hummingbird were all coming to the nectar feeders, and other birds came to fruit, seeds, or just passed through the garden, including Acorn Woodpecker, Chestnut-capped Brushfinch, Rose-breasted Grosbeak, Melodious Blackbird, and Buff-throated Saltator.



Above: Violet Sabrewing; below: Silver-throated Tanager. Photos by Nick A.



Hard to believe, but our time in the West had come to an end. The next morning we drove back to David Airport, arriving in time for some last minute birding in the same nearby park. Dozens of Red-lored Parrots had invaded, and they seemed to be feeding in every tree around us, squawking noisily. Unknown to us at the time, a Yellow-crowned Parrot was in amongst them, as Mike found out after examining his photos after the trip was over. Yellow-green and Philadelphia Vireos were also seen along with thirty or so species we had encountered previously. Our flight back to Panama City was on time, and after picking up the van, we headed across the city towards the Canal and then turned north to Gamboa, a small town near the Chagres River. Gamboa is a historic town, built in 1911 during the construction of the Panama Canal to house workers. It is still used today, mainly as the center for dredging operations, but it has embraced ecotourism too. It is home to Gamboa Rainforest Resort, a very comfortable lodge that makes a perfect base for exploring the surrounding areas. Rooms weren't ready until 3pm, so we had time to have lunch and wander around a bit. Despite the heat there were quite a few birds around including the tour's only Flame-rumped Tanagers as well as others like Cinnamon Becard, Blue Dacnis, Mangrove Swallow, Rusty-margined Flycatcher, and Anhinga. Waves of Turkey Vultures passed overhead as they migrated their way towards North America. After checking into our rooms, we drove south 20 minutes to Summit Ponds. This is a great afternoon birding area since the ponds always have some interesting species, and the surrounding forest is more open and easier to see into than the wetter forest to the north. We started things off with water-loving birds like Boat-billed Heron, Amazon Kingfisher, Lesser Kiskadee, and Greater

Ani, but soon some loud snapping drew us towards the forest where we enjoyed watching a beautiful male Golden-collared Manakin singing on an open perch (photo right, Nick A.). Soon after, another birding group pointed us in the direction of a Jet Antbird. We weren't about to say no to that, and soon we found a cooperative individual along with several other species like Buffbreasted Wren and a gorgeous pair of Cinnamon Woodpeckers. On the way back to the car, we encountered another angry troop of Geoffroy's Tamarins, and the nearby security guards seemed to enjoy watching them as much as we did.

Next morning, we drove in the dark along the famous Pipeline Road to a private reserve called the Panama Rainforest Discovery Center. They have an excellent canopy observation tower, and I always like to be up at the top right at dawn. We were a little



earlier than strictly necessary, but that gave us the chance to do some owling on the way there, and lucked out with a nice Choco Screech-Owl before climbing the tower. Soon the canopy came alive, and over the next hour and a half we were kept busy with a series of great birds including Scaled Pigeon, Purple-crowned Fairy, White-tailed Trogon, Yellowthroated and Keel-billed Toucans, Collared Aracari, Blue-headed, Red-lored, and Mealy Parrots, Blue Cotinga, Blackheaded Tody-Flycatcher, Yellow-winged Flatbill, Yellow-backed Oriole, and Slate-colored Grosbeak. Once the activity in the canopy slowed, we headed down to the forest floor. We stopped for a few minutes at the hummer feeders (Longbilled Hermit, Violet-bellied Hummingbird) then hit the trails for the rest of the morning. Song Wrens seemed to be everywhere including an entire family of them – watching one of the young birds playing with a leaf that was bigger than it was ended up being one of the highlights of the tour! Other birds along the trail included Gray-chested Dove, Whooping Motmot, White-whiskered Puffbird, Checker-throated Stipplethroat, Dot-winged Antwren, Dusky, Bicolored, and Spotted Antbirds, Russet-winged Schiffornis, and Scaly-breasted Wren.



Song Wren (Nick A.)

After lunch and a siesta, we first stopped at the Ammo Dump Ponds for Black-throated Mango, Purple Gallinule, several shorebirds, lots of Rufescent Tiger-Herons, and others before returning to the Pipeline Road. Activity levels were really low, in fact I would even call it "dead". We spent a long time trying to see Streak-chested Antpitta without any luck and I think the only new trip bird was Plain-brown Woodcreeper. Luckily our nighbirding was more productive, and I managed to call in a Spectacled Owl near the lodge, and also got a few Common Pauraques in the spotlight.

Next morning we were back out along the Pipeline Road, stopping along the way to see a beautiful pair of Yellow-tailed **Orioles**. This time we drove as far as we could then spent the rest of the morning walking a couple miles along the road. One bird I was keen to find was Streak-chested Antpitta, especially after the previous afternoon's frustrations. Today

was a different day, and this time one perched in the open and sang for us for many minutes, another tour highlight; my photo here:



Even if we had seen nothing else, it would have been a great morning after that, but there were plenty of others like Short-billed Pigeon, Slaty-tailed Trogon, Rufous and Broad-billed Motmots, Black-breasted Puffbird, Fasciated Antshrike, Moustached and White-flanked Antwrens, Purple-throated Fruitcrow, Forest Elaenia, Bright-rumped Attila, and Rufous Mourner. We split the afternoon between Summit Ponds and Pipeline Road, and I don't think we added much in the way of "new" species except for Choco Elaenia and Green Kingfisher, but there was decent activity and we enjoyed seeing species like Black-chested Jay again before returning to Gamboa Rainforest Resort for a final night.

With just one morning left in the canal zone, we wanted to target some of the birds that had eluded us so far. One of those was White-throated Crake. A short stop at Ammo Dump Ponds took care of that when we found a bird building a nest. We watched as it diligently carried bits of vegetation into the nest opening, then appeared again a few moments later. Capped Heron was also a surprise here. Back along the Pipeline Road, a calling Black-bellied Wren drew us down under the first wooden bridge, and were we ever glad that it did! Lurking in the shadows was an incredible Agami Heron, which completely ignored us as it hunted in the still water. Wren forgotten, we admired the heron and took lots of photos (not easy due to the very low light). That was the best bird we saw that morning – activity was actually pretty

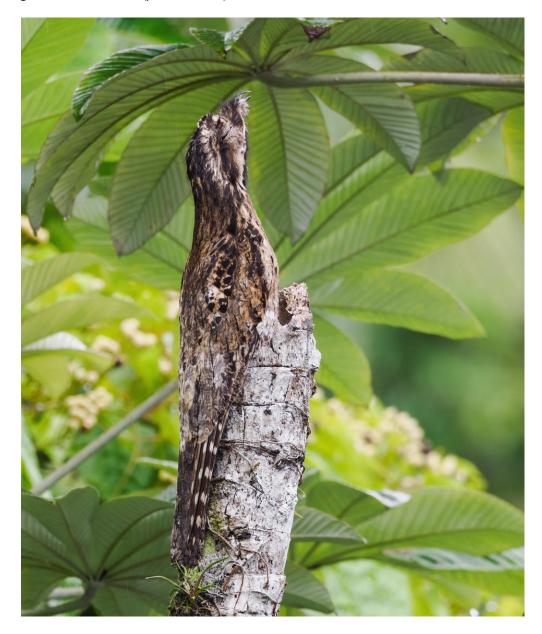
low compared to the previous day, but we still had some good sightings such as Black-tailed Trogon and Black-striped Woodcreeper. After lunch, we packed up and headed east, eventually turning north towards Nusagandi and crossing over the continental divide. There are only a couple of places to stay in this remove and undeveloped area, and we spent the night in Garduk Lodge, a simple but friendly place run by a family of Guna descent. Some afternoon birding near the lodge got us the handsome Scarlet-thighed Dacnis, a Pied Puffbird, and flyby views of Brown-hooded Parrot along with other more common species.

Next morning, we met up with a local guide I have worked with before named Antonio, and we set off down a trail after what is perhaps Nusagandi's most famous bird, Sapayoa. This strange species is in its own family, and is thought to be most closely related to the broadbills of Asia and Africa. It's a rare and local species, and I am glad we had Antonio, since the trail where I had seen it on the previous tour had been washed away. He led us down a new trail that was a bit steep and slippery, but we all made it down OK and very quickly found our target - often it stays high, but this Sapayoa perched down almost at eye level for truly superb views (photo by Mike Neubauer):

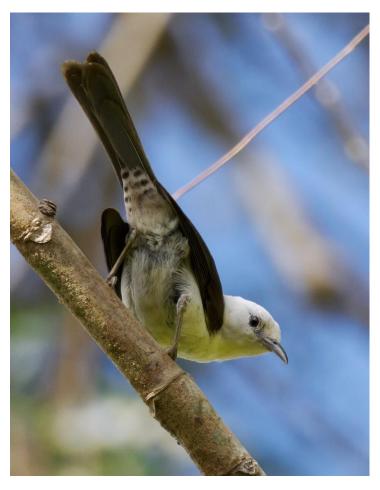


With our main target "in the bag" early, we could spend the rest of the morning trying to find whatever else was around. We invested quite a bit of time to trying to see Black-crowned Antpitta in three different locations, but it was a frustrating experience and was never really seen well by anyone. Slate-throated Gnatcatcher was a nice surprise since it

is quite rare here, right at the edge of its range. Other birds included Velvety and Red-capped Manakins, Stripethroated Wren, Tawny-crested, Rufous-winged, and Sulphur-rumped Tanagers, Thick-billed Seed-Finch, and a sleeping **Common Potoo** right next to the road (photo Nick A).:



After lunch, we continued our journey east to the town of Tortí, making the obligatory stop at the Rio Mono Bridge for White-eared Conebill. The feeders are Hotel Avicar were buzzing when we arrived, and it did not take long to find the hoped-for Sapphire-throated Hummingbird among the more common species. With an early start looming, we just did some easy birding north of town along the river in the late afternoon. It was a fun outing with lots of activity - mostly common species, but Pacific Antwren was a nice find and we spent a long time admiring a Striped Cuckoo that perched nearby. Normally they belt out their whistled song as loud as possible, but this one was singing so softly that I first through it was on the other side of a field until one of our group found it close to the road. We headed back for an early dinner so we'd be well rested for the coming day.



We hit the road before 4:30am and drove two hours east to the El Salto road in the province of Darien. It's a long way to go for a morning of birding, but I always see a superb selection of birds there, and today was no exception. It was another hot, dry day, and we were VERY happy to have arrived before dawn to take advantage of every second of the cooler early morning hours. After our picnic breakfast, we started walking along the road and quickly connected with our first target, the tiny but fierce Gray-cheeked Nunlet (Photo below, Mike N.). That started a nice series of sightings that included Pale-bellied Hermit, Black Antshrike, Rusty-winged Antwren, Ochrelored Flatbill, and Choco Sirystes, but White-headed Wren did not appear in its usual favorite tree. We needn't have worried, as about half an hour later one showed well in a different spot (photo left, Nick A). – this is one of the most uniquely plumaged wrens in the world and I would have been sad to have missed it. Soon after, another major target came in very close on a branch over the road, the strange **Double-banded Graytail**. Other species from the morning included King Vulture, Hook-billed and Grayheaded Kites, Spot-crowned Barbet, Olivaceous Piculet, and many other species we had seen earlier in the trip.

Later in the morning, we drove to the end of Panamerican Highway in Yaviza, just west of the infamous Darien Gap. Along the way we stopped at a wetland to look for a few birds. There was very little water due to the drought, but we bib locate а Spot-breasted Woodpecker, and Eric was not fooled by a **Zone-tailed Hawk** pretending to be a Turkey Vulture. We had a simple but tasty lunch in Yaviza, then with temperatures reaching furnace-like levels, decided to drive back to Tortí. Once it had cooled down a bit in late afternoon, we headed south of town, and after a bit of a search managed to locate a pair of Barred Puffbirds who were giving their wolf-whistle calls.





Barred Puffbird feasting on a spider (Nick A.)

Sadly we were down to our last morning of birding. We spent most of it at the nearby San Francisco Reserve, which protects a large tract of forest in the hills southwest of Tortí. This place seems to be flycatcher heaven as we added a ton of new "tyrants" to the list this morning. Best among them was a **Tropical Royal Flycatcher** that was hanging around a nest. We didn't see it go in, but it was definitely staying close to it, so it was probably active. Runners up were a very close Goldencrowned Spadebill that perched in the open for a long time (photo right, Nick A.) and the endemic Yellow-green Tyrannulet. Some of the other birds we saw this morning were Rufous-breasted Hermit, White-vented Plumeleteer, Gray-lined Hawk, Northern Black-throated Trogon, Blackbreasted and White-whiskered Puffbirds, Wedge-billed and Streak-headed Woodcreepers, White-ruffed Manakin, Western Olivaceous Flatbill, Sooty-headed Tyrannulet, Northern Tropical Pewee, Bay Wren, and Red-breasted Meadowlark.





Tropical Royal Flycatcher (Mike Neubauer)

After lunch, we travelled back east to Panama City. We made a couple of stops along the way adding various waterbirds and open country species – a Bat Falcon nesting on the Lake Bayano bridge was nice to see. Traffic picked up and it was getting towards dusk by the time we reached our hotel near the airport. We checked in and one final celebratory dinner, reminiscing over some our favorite sightings of the trip before finally parting ways. Thanks to everyone for making it another superb and fun birding tour!

BIRD LIST

The list includes everything that was seen by at least one of the group, including the guide/tour leader. Taxonomy follows Clements, J. F., T. S. Schulenberg, M. J. Iliff, T. A. Fredericks, J. A. Gerbracht, D. Lepage, S. M. Billerman, B. L. Sullivan, and C. L. Wood. 2022. The eBird/Clements checklist of Birds of the World: v2023. Downloaded from https://www.birds.cornell.edu/clementschecklist/download/

H=heard only GO=guide only

Tinamous ((Tinamidae)

Pigeons and Doves (Columbidae)

HGreat TinamouTinamus majorHLittle TinamouCrypturellus soui

Ducks, Geese, and Waterfowl (Anatidae)

Black-bellied Whistling-Duck

Dendrocygna autumnalis

Blue-winged Teal Spatula discors

Guans, Chachalacas, and Curassows (Cracidae)

Gray-headed Chachalaca Ortalis cinereiceps
Crested Guan Penelope purpurascens

New World Quail (Odontophoridae)

H Black-breasted Wood-Quail
 H Spotted Wood-Quail
 Odontophorus leucolaemus
 Odontophorus guttatus

Grebes (Podicipedidae)

Least Grebe Tachybaptus dominicus

Rock Pigeon (I) Columba livia

Pale-vented Pigeon

Scaled Pigeon

Patagioenas cayennensis

Patagioenas speciosa

Patagioenas fasciata

Patagioenas fasciata

Patagioenas nigrirostris

Ruddy Ground Dove

Columbina talpacoti

HBlue Ground DoveClaravis pretiosaWhite-tipped DoveLeptotila verreauxiGray-chested DoveLeptotila cassinii

Cuckoos (Cuculidae)

Greater Ani Crotophaga major
Smooth-billed Ani Crotophaga ani
Striped Cuckoo Tapera naevia
Squirrel Cuckoo Piaya cayana

Nightjars and Allies (Caprimulgidae)

Common Pauraque Nyctidromus albicollis
Potoos (Nyctibiidae)

HGreat PotooNyctibius grandisCommon PotooNyctibius griseus

Swifts (Apodidae)Streptoprocne zonarisWhite-collared SwiftStreptoprocne zonarisBand-rumped SwiftChaetura spinicaudusChimney SwiftChaetura pelagica

Vaux's Swift Chaetura vauxi **Short-tailed Swift**

Chaetura brachyura **Hummingbirds (Trochilidae)**

White-necked Jacobin Florisuga mellivora Rufous-breasted Hermit Glaucis hirsutus Long-billed Hermit Phaethornis longirostris Pale-bellied Hermit Phaethornis anthophilus Lesser (Green) Violetear Colibri cyanotus

Purple-crowned Fairy Heliothryx barroti Black-throated Mango Anthracothorax nigricollis

Talamanca (Magnificant) Hummingbird Eugenes spectabilis Long-billed Starthroat Heliomaster longirostris

White-throated Mountain-gem Lampornis castaneoventris Ruby-throated Hummingbird Archilochus colubris Volcano Hummingbird Selasphorus flammula Scintillant Hummingbird Selasphorus scintilla Garden Emerald Chlorostilbon assimilis

Violet Sabrewing Campylopterus hemileucurus

White-vented Plumeleteer Chalybura buffonii

Crowned Woodnymph (Violet-crowned) Thalurania colombica venusta Crowned Woodnymph (Green-crowned) Thalurania colombica fannyae

Violet-capped Hummingbird Goldmania violiceps Stripe-tailed Hummingbird Eupherusa eximia Scaly-breasted Hummingbird Phaeochroa cuvierii Snowy-bellied Hummingbird Saucerottia edward Rufous-tailed Hummingbird Amazilia tzacatl Sapphire-throated Hummingbird Chrysuronia coeruleogularis

Blue-chested Hummingbird Polyerata amabilis Charming Hummingbird Polyerata decora Violet-bellied Hummingbird Chlorestes julie

H Gray-cowled Wood-Rail Aramides cajaneus Porphyrio martinica Purple Gallinule White-throated Crake Laterallus albigularis

Rails, Gallinules, and Coots (Rallidae)

Sandpipers and Allies (Scolopacidae)

Limpkin (Aramidae) Limpkin Aramus guarauna

Stilts and Avocets (Recurvirostridae) Black-necked Stilt Himantopus mexicanus

Plovers and Lapwings (Charadriidae)

Pluvialis squatarola Black-bellied Plover Southern Lapwing Vanellus chilensis Jacanas (Jacanidae)

Wattled Jacana Jacana jacana

Whimbrel Numenius phaeopus Marbled Godwit Limosa fedoa

Short-billed Dowitcher Limnodromus griseus Spotted Sandpiper Actitis macularius Solitary Sandpiper Tringa solitaria Lesser Yellowlegs Tringa flavipes

Willet Tringa semipalmata
Greater Yellowlegs Tringa melanoleuca
Least Sandpiper Calidris minutilla
Western Sandpiper Calidris mauri
Semipalmated Sandpiper Calidris pusilla

Gulls, Terns, and Skimmers (Laridae)

Laughing Gull

Sandwich Tern

Leucophaeus atricilla

Thalasseus sandvicensis

Storks (Ciconiidae)
Wood Stork

Mycteria am

Wood Stork *Mycteria americana*Frigatebirds (Fregatidae)

Magnificent Frigatebird Fregata magnificens
Anhingas (Anhingidae)

Anhinga Anhinga anhinga

Cormorants and Shags (Phalacrocoracidae)

Neotropic Cormorant Nannopterum brasilianum

Pelicans (Pelecanidae)

Brown Pelican Pelecanus occidentalis

Herons, Egrets, and Bitterns (Ardeidae)

Rufescent Tiger-Heron

Tigrisoma lineatum

Cooklastics and blacks

Boat-billed Heron Cochlearius cochlearius

Agami Heron Agamia agami
Yellow-crowned Night Heron Nyctanassa violacea

Black-crowned Night Heron

Capped Heron

Little Blue Heron

Tricolored Heron

Snowy Egret

Pilherodius pileatus

Egretta caerulea

Egretta tricolor

Egretta tricolor

Egretta thula

Green Heron

Western Cattle Egret

Great Egret

Bubulcus ibis

Ardea alba

Great Egret Ardea alba
Great Blue Heron Ardea herodias
Cocoi Heron Ardea cocoi

Ibises and Spoonbills (Threskiornithidae)

White Ibis Eudocimus albus

New World Vultures (Cathartidae)
King Vulture
Sarcoramphus papa

Black Vulture Coragyps atratus
Turkey Vulture Cathartes aura

Osprey (Pandionidae)
Osprey Pandion haliaetus

Osprey Pandion haliaetus

Hawks, Eagles, and Kites (Accipitridae)

Hook-billed Kite
Gray-headed Kite
Swallow-tailed Kite
H Black Hawk-Eagle
Snail Kite
Chondrohierax uncinatus
Leptodon cayanensis
Elanoides forficatus
Spizaetus tyrannus
Rostrhamus sociabilis
Rostrhamus sociabilis

Snail Kite Rostrhamus sociabilis
Roadside Hawk Rupornis magnirostris
White Hawk Pseudastur albicollis
Gray-lined Hawk Buteo nitidus

Broad-winged Hawk

Broad-winged Hawk

Buteo platypterus

Short-tailed Hawk

Zone-tailed Hawk

Red-tailed Hawk

Buteo albonotatus

Buteo jamaicensis

Owls (Strigidae)
Choco Screech-Owl
Spectacled Owl

Spectacled Owl Pulsatrix perspicillata

H Costa Rican Pygmy-Owl Glaucidium costaricanum

Trogons (Trogonidae)

Resplendent Quetzal
Pharomachrus mocinno
Slaty-tailed Trogon
Trogon massena
Black-tailed Trogon
Trogon melanurus
White-tailed Trogon
Trogon chionurus
Gartered Trogon
Trogon caligatus
Northern Black-throated Trogon
Trogon tenellus

GO Collared Trogon Trogon collaris

Motmots (Momotidae)Hylomanes momotulaTody MotmotHylomanes momotulaLesson's MotmotMomotus lessonii

Whooping Motmot

Whooping Motmot

Rufous Motmot

Broad-billed Motmot

Momotus sessonii

Momotus subrufescens

Baryphthengus martii

Electron platyrhynchum

Kingfishers (Alcedinidae)Megaceryle torquataRinged KingfisherMegaceryle alcyonBelted KingfisherMegaceryle alcyonAmazon KingfisherChloroceryle amazona

American Pygmy Kingfisher Chloroceryle aenea
Green Kingfisher Chloroceryle americana

Puffbirds (Bucconidae)White-necked PuffbirdNotharchus hyperrhynchus

Chloroceryle inda

Black-breasted Puffbird

Pied Puffbird

Notharchus pectoralis

Notharchus tectus

Nystalus radiatus

White-whiskered Puffbird

Malacoptila panamensis

Gray-cheeked Nunlet

Nonnula frontalis

White-fronted Nunbird

Monasa morphoeus

New World Barbets (Capitonidae)
Spot-crowned Barbet

Capito maculicoronatus

Toucan-Barbets (Semnornithidae)
Prong-billed Barbet
Semnornis frantzii

Toucans (Ramphastidae)Northern Emerald-Toucanet

Aulacorhynchus prasinus

Collared Aracari

Fiery-billed Aracari

Yellow-eared Toucanet

Pteroglossus torquatus

Pteroglossus frantzii

Selenidera spectabilis

Yellow-throated (Chest.-mand.) Toucan

Keel-billed Toucan

Ramphastos ambiguus

Ramphastos sulfuratus

Woodpeckers (Picidae)

Olivaceous Piculet Picumnus olivaceus Yellow-bellied Sapsucker Sphyrapicus varius

Green-and-rufous Kingfisher

Acorn Woodpecker

Black-cheeked Woodpecker Red-crowned Woodpecker

Hairy Woodpecker

Red-rumped Woodpecker Crimson-crested Woodpecker

Lineated Woodpecker Cinnamon Woodpecker

Stripe-cheeked Woodpecker (E) Spot-breasted Woodpecker

Falcons and Caracaras (Falconidae)

Laughing FalconCollared Forest-FalconCrested CaracaraYellow-headed Caracara

Bat Falcon

New World and African Parrots (Psittacidae)

GO Barred Parakeet

Orange-chinned Parakeet Brown-hooded Parrot Blue-headed Parrot Red-lored Parrot Mealy Parrot

Brown-throated Parakeet Crimson-fronted Parakeet Sapayoa (Sapayoidae)

Sapayoa

Typical Antbirds (Thamnophilidae)

Fasciated Antshrike Great Antshrike Barred Antshrike

Black-crowned Antshrike

Black Antshrike

Checker-throated Stipplethroat

Moustached Antwren
Pacific Antwren
White-flanked Antwren

Rusty-winged (Rufous-winged) Antwren

Dot-winged Antwren
Dusky Antbird

Jet Antbird

White-bellied Antbird Chestnut-backed Antbird

Bicolored Antbird
Spotted Antbird

Gnateaters (Conopophagidae)

GO Black-crowned Antpitta

Antpittas (Grallariidae) Streak-chested Antpitta Melanerpes formicivorus

Melanerpes pucherani Melanerpes rubricapillus

Dryobates villosus

Dryobates kirkii

Campephilus melanoleucos

Dryocopus lineatus Celeus loricatus Piculus callopterus Colaptes punctiqula

Herpetotheres cachinnans Micrastur semitorquatus Caracara plancus

Daptrius chimachima Falco rufigularis

Bolborhynchus lineola Brotogeris jugularis Pyrilia haematotis Pionus menstruus Amazona autumnalis Amazona farinosa Eupsittula pertinax Psittacara finschi

Sapayoa aenigma

Cymbilaimus lineatus

Taraba major

Thamnophilus doliatus
Thamnophilus atrinucha
Thamnophilus nigriceps
Epinecrophylla fulviventris
Myrmotherula ignota
Myrmotherula pacifica
Myrmotherula axillaris
Herpsilochmus frater
Microrhopias quixensis
Cercomacroides tyrannina
Cercomacra nigricans
Myrmeciza longipes
Poliocrania exsul
Gymnopithys bicolor

Pittasoma michleri

Hylophylax naevioides

Hylopezus perspicillatus

Tapaculos (Rhinocryptidae)

Silvery-fronted Tapaculo

Antthrushes (Formicariidae)

H Black-faced Antthrush

Cocoa Woodcreeper

Ovenbirds and Woodcreepers (Furnariidae)

Olivaceous Woodcreeper Plain-brown Woodcreeper Wedge-billed Woodcreeper

Black-striped Woodcreeper Straight-billed Woodcreeper Streak-headed Woodcreeper

Spot-crowned Woodcreeper

Plain Xenops

H Ochre-throated (Buff-thr.) Foliage-gleaner

Ruddy Treerunner Double-banded Graytail Red-faced Spinetail Slaty Spinetail

Pale-breasted Spinetail Manakins (Pipridae)

Lance-tailed Manakin

Lance-tailed Manakin White-ruffed Manakin

Velvety (Blue-crowned) Manakin Orange-collared Manakin Golden-collared Manakin

Red-capped Manakin

Cotingas (Cotingidae)
Purple-throated Fruitcrow

Blue Cotinga

Tityras and Allies (Tityridae)

Masked Tityra

Russet-winged Schiffornis Cinnamon Becard

White-winged Becard

Sharpbill, Royal Flycatcher, and Allies

(Oxyruncidae)

Tropical Royal Flycatcher Ruddy-tailed Flycatcher

Tyrant Flycatchers (Tyrannidae)

Golden-crowned Spadebill

GO Olive-streaked (-striped) Flycatcher

Ochre-bellied Flycatcher Yellow-green Tyrannulet (E) **H** Black-capped Pygmy-Tyrant

Scale-crested Pygmy-Tyrant Southern Bentbill

H Slate-headed Tody-Flycatcher

Common Tody-Flycatcher
Black-headed Tody-Flycatcher

Western Olivaceous Flatbill

Scytalopus argentifrons

Formicarius analis

Sittasomus griseicapillus Dendrocincla fuliginosa Glyphorynchus spirurus Xiphorhynchus susurrans Xiphorhynchus lachrymosus

Dendroplex picus

Lepidocolaptes souleyetii Lepidocolaptes affinis Xenops minutus

Automolus ochrolaemus Margarornis rubiginosus Xenerpestes minlosi Cranioleuca erythrops Synallaxis brachyura Synallaxis albescens

Chiroxiphia lanceolata Corapipo altera Lepidothrix velutina Manacus aurantiacus Manacus vitellinus

Ceratopipra mentalis

Querula purpurata Cotinga nattererii

Tityra semifasciata Schiffornis stenorhyncha Pachyramphus cinnamomeus Pachyramphus polychopterus

Onychorhynchus coronatus Terenotriccus erythrurus

Platyrinchus coronatus
Mionectes olivaceus
Mionectes oleagineus
Phylloscartes flavovirens
Myiornis atricapillus
Lophotriccus pileatus
Oncostoma olivaceum
Poecilotriccus sylvia
Todirostrum cinereum
Todirostrum nigriceps

Rhynchocyclus aequinoctialis

H Yellow-olive Flatbill

Yellow-winged (-margined) Flatbill Ochre-lored (Yellow-breasted) Flatbill

Brown-capped Tyrannulet
Southern Beardless-Tyrannulet
Northern Mouse-colored Tyrannulet

Yellow Tyrannulet

Yellow-crowned Tyrannulet

Forest Elaenia

Choco (Gray) Elaenia Yellow-bellied Elaenia

Lesser Elaenia Mountain Elaenia

White-fronted Tyrannulet (Zeledon's)

Sooty-headed Tyrannulet Mistletoe (Paltry) Tyrannulet Bran-colored Flycatcher Tufted Flycatcher

Dark Pewee

Northern Tropical Pewee Yellow-bellied Flycatcher Acadian Flycatcher Yellowish Flycatcher Black-capped Flycatcher

Black Phoebe

Northern Scrub-Flycatcher

Long-tailed Tyrant Bright-rumped Attila Choco Sirystes Rufous Mourner

Dusky-capped Flycatcher Panama Flycatcher Great Crested Flycatcher

Cattle Tyrant
Lesser Kiskadee
Great Kiskadee
Boat-billed Flycatcher
Rusty-margined Flycatcher

Social Flycatcher Gray-capped Flycatcher Golden-bellied Flycatcher Streaked Flycatcher

Piratic Flycatcher
Tropical Kingbird
Gray Kingbird

Fork-tailed Flycatcher
Vireos, Shrike-Babblers, and Erpornis (Vireonidae)

Rufous-browed Peppershrike

Scrub Greenlet Green Shrike-Vireo Tolmomyias sulphurescens Tolmomyias flavotectus

Tolmomyias flaviventris Ornithion brunneicapillus Camptostoma obsoletum

Nesotriccus incomtus Capsiempis flaveola

Tyrannulus elatus Myiopagis gaimardii Myiopagis parambae

Elaenia flavogaster Elaenia chiriquensis Elaenia frantzii

Phyllomyias zeledoni zeledoni

Phyllomyias griseiceps Zimmerius parvus Myiophobus fasciatus Mitrephanes phaeocercus

Contopus lugubris
Contopus bogotensis
Empidonax flaviventris
Empidonax virescens
Empidonax flavescens
Empidonax atriceps
Sayornis nigricans
Sublegatus arenarum
Colonia colonus
Attila spadiceus
Sirystes albogriseus
Rhytipterna holerythra
Myiarchus tuberculifer

Mylarchus tuberculifer
Mylarchus panamensis
Mylarchus crinitus
Machetornis rixosa
Philohydor lictor
Pitangus sulphuratus
Megarynchus pitangua
Mylozetetes cayanensis
Mylozetetes granadensis
Mylodynastos homichnysi

Myiodynastes hemichrysus Myiodynastes maculatus Legatus leucophaius Tyrannus melancholicus Tyrannus dominicensis Tyrannus savana

Cyclarhis gujanensis Hylophilus flavipes Vireolanius pulchellus

Tawny-crowned Greenlet

Lesser Greenlet

Golden-fronted Greenlet Yellow-throated Vireo Yellow-winged Vireo Philadelphia Vireo **Brown-capped Vireo**

Yellow-green Vireo

Crows, Jays, and Magpies (Corvidae)

Black-chested Jay

Swallows (Hirundinidae)

Mangrove Swallow **Gray-breasted Martin**

Southern Rough-winged Swallow

Blue-and-white Swallow

Barn Swallow

Gnatcatchers (Polioptilidae)

H Long-billed Gnatwren

Slate-throated Gnatcatcher

White-browed (Tropical) Gnatcatcher

Wrens (Troglodytidae)

Scaly-breasted Wren

House Wren Ochraceous Wren White-headed Wren Black-bellied Wren Rufous-breasted Wren Rufous-and-white Wren

Stripe-throated Wren Isthmian (Plain) Wren

Riverside Wren Bay Wren

Buff-breasted Wren

White-breasted Wood-Wren **Gray-breasted Wood-Wren**

Song Wren

Mockingbirds and Thrashers (Mimidae)

Tropical Mockingbird

Thrushes and Allies (Turdidae)

Black-faced Solitaire

Orange-billed Nightingale-Thrush Ruddy-capped Nightingale-Thrush

Mountain Thrush White-throated Thrush Clay-colored Thrush

Silky-flycatchers (Ptiliogonatidae)

Long-tailed Silky-flycatcher

Old World Sparrows (Passeridae)

House Sparrow (I)

Tunchiornis ochraceiceps

Pachysylvia decurtata

Pachysylvia aurantiifrons

Vireo flavifrons

Vireo carmioli

Vireo philadelphicus

Vireo leucophrys

Vireo flavoviridis

Cyanocorax affinis

Tachycineta albilinea

Progne chalybea

Stelgidoptervx ruficollis

Pygochelidon cyanoleuca

Hirundo rustica

Ramphocaenus melanurus

Polioptila schistaceigula

Polioptila bilineata

Microcerculus marginatus

Troglodytes aedon

Troglodytes ochraceus

Campylorhynchus albobrunneus

Pheugopedius fasciatoventris

Pheugopedius rutilus

Thryophilus rufalbus

Cantorchilus leucopogon

Cantorchilus elutus

Cantorchilus semibadius

Cantorchilus nigricapillus

Cantorchilus leucotis

Henicorhina leucosticta

Henicorhina leucophrys

Cyphorhinus phaeocephalus

Mimus gilvus

Myadestes melanops

Catharus aurantiirostris

Catharus frantzii

Turdus plebejus

Turdus assimilis

Turdus grayi

Ptiliogonys caudatus

Passer domesticus

Finches, Euphonias, and Allies (Fringillidae)

H Elegant Euphonia

 H Golden-browed Chlorophonia Yellow-crowned Euphonia White-vented Euphonia Thick-billed Euphonia Spot-crowned Euphonia Fulvous-vented Euphonia

> Lesser Goldfinch Yellow-bellied Siskin

Thrush-Tanager (Rhodinocichlidae)

Rosy Thrush-Tanager

New World Sparrows (Passerellidae) Sooty-capped Chlorospingus (Bush-T.) Common Chlorospingus (Bush-Tan.)

Black-striped Sparrow

H Costa Rican (Stripe-head.) Brushfinch

Orange-billed Sparrow
Chestnut-capped Brushfinch
Rufous-collared Sparrow
Large-footed Finch

Yellow-thighed Brushfinch (Finch)

Wrenthrush (Zeledoniidae)

Wrenthrush

Troupials and Allies (Icteridae)

Eastern Meadowlark Red-breasted Meadowlark

Crested Oropendola

Chestnut-headed Oropendola Scarlet-rumped Cacique Yellow-rumped Cacique

Orchard Oriole

Yellow-backed Oriole Yellow-tailed Oriole Baltimore Oriole Shiny Cowbird Giant Cowbird Melodious Blackbird Great-tailed Grackle

Carib Grackle

New World Warblers (Parulidae)

Louisiana Waterthrush Northern Waterthrush Golden-winged Warbler Black-and-white Warbler Prothonotary Warbler Flame-throated Warbler Tennessee Warbler

Olive-crowned Yellowthroat (Chiriqui)

American Redstart

Chlorophonia elegantissima
Chlorophonia callophrys
Euphonia luteicapilla
Euphonia minuta
Euphonia laniirostris
Euphonia imitans
Euphonia fulvicrissa
Spinus psaltria
Spinus xanthogastrus

Rhodinocichla rosea

Chlorospingus pileatus
Chlorospingus flavopectus
Arremonops conirostris
Arremon costaricensis
Arremon aurantiirostris
Arremon brunneinucha
Zonotrichia capensis
Pezopetes capitalis
Atlapetes tibialis

Zeledonia coronata

Sturnella magna Leistes militaris

Psarocolius decumanus
Psarocolius wagleri
Cacicus uropygialis
Cacicus cela
Icterus spurius
Icterus chrysater
Icterus mesomelas

Icterus galbula Molothrus bonariensis Molothrus oryzivorus

Dives dives

Quiscalus mexicanus Quiscalus lugubris

Parkesia motacilla

Parkesia noveboracensis Vermivora chrysoptera

Mniotilta varia Protonotaria citrea Oreothlypis gutturalis Leiothlypis peregrina

Geothlypis semiflava chiriquensis

Setophaga ruticilla

Magnolia Warbler Bay-breasted Warbler Blackburnian Warbler

Yellow Warbler

Yellow Warbler (Mangrove) Chestnut-sided Warbler

Hermit Warbler

Black-throated Green Warbler

Chestnut-capped (Ruf.-capped) Warbler

Black-cheeked Warbler Buff-rumped Warbler Wilson's Warbler Slate-throated Redstart Collared Redstart

Mitrospingid Tanagers (Mitrospingidae)

Dusky-faced Tanager

Cardinals and Allies (Cardinalidae)

Hepatic Tanager
Summer Tanager
Flame-colored Tanager
GO Red-crowned Ant-Tanager
Red-throated Ant-Tanager
Rose-breasted Grosbeak

Blue-black GrosbeakGO Painted Bunting

Tanagers and Allies (Thraupidae)

Gray-headed Tanager
White-shouldered Tanager
Tawny-crested Tanager
White-lined Tanager
Flame-rumped Tanager

Scarlet-rumped (Cherrie's) Tanager

Crimson-backed Tanager
Blue-gray Tanager
Palm Tanager
Speckled Tanager
Golden-hooded Tanager
Plain-colored Tanager
Rufous-winged Tanager
Bay-headed Tanager
Emerald Tanager
Silver-throated Tanager
Scarlet-thighed Dacnis

Blue Dacnis

Shining Honeycreeper Red-legged Honeycreeper Green Honeycreeper Sulphur-rumped Tanager White-eared Conebill Slaty Flowerpiercer Setophaga magnolia Setophaga castanea Setophaga fusca Setophaga petechia

S. petechia [erithachorides Group]
Setophaga pensylvanica
Setophaga occidentalis
Setophaga virens
Basileuterus delattrii
Basileuterus melanogenys
Myiothlypis fulvicauda
Cardellina pusilla
Myioborus miniatus
Myioborus torquatus

Mitrospingus cassinii

Piranga flava
Piranga rubra
Piranga bidentata
Habia rubica
Habia fuscicauda
Pheucticus ludovicianus
Cyanoloxia cyanoides
Passerina ciris

Eucometis penicillata

Loriotus luctuosus
Tachyphonus delatrii
Tachyphonus rufus
Ramphocelus flammigerus
Ramphocelus passerinii
Ramphocelus dimidiatus
Thraupis episcopus
Thraupis palmarum
Ixothraupis guttata
Stilpnia larvata
Tangara inornata
Tangara gyrola
Tangara florida
Tangara icterocephala

Dacnis venusta
Dacnis cayana
Cyanerpes lucidus
Cyanerpes cyaneus
Chlorophanes spiza
Heterospingus rubrifrons
Conirostrum leucogenys
Diglossa plumbea

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Saffron Finch (I)
Blue-black Grassquit
Ruddy-breasted Seedeater
Thick-billed Seed-Finch
Variable Seedeater
Yellow-bellied Seedeater

Bananaquit

Yellow-faced Grassquit Buff-throated Saltator Streaked Saltator Slate-colored Grosbeak

MAMMALS

Brown-throated Three-toed Sloth

Geoffroy's Tamarin

H Panamanian White-faced Capuchin

Geoffroy's Spider Monkey

Mantled Howler Variegated Squirrel Red-tailed Squirrel dwarf squirrel sp.

Central American Agouti

Central American Tapeti (Forest Rabbit)

White-nosed Coati Collared Peccary

Central American Red Brocket

Volatinia jacarina Sporophila minuta Sporophila funerea Sporophila corvina Sporophila nigricollis

Sicalis flaveola

Coereba flaveola Tiaris olivaceus Saltator maximus Saltator striatipectus Saltator grossus

Bradypus variegatus
Sanguinus geoffroyi
Cebus imitator
Ateles geoffroyi
Alouattta palliata
Sciurus variegatoides
Sciurus granatensis
Microsciurus sp.
Dasyprocta punctata
Sylvilagus gabbi
Nasua narica
Tayassu tajacu

Mazama temama