

# FIELD REPORT – Panama’s Canopy Tower and El Valle’s Canopy Lodge

## January 4-16, 2025



**Black-crowned Antpitta**  
© Jeri Langham



**Blue Cotinga**  
© Bob Traverso



**Black-headed Tody-Flycatcher**  
© Tim Janzen



**Rufous-crested Coquette**  
© Jeri Langham



**White-tipped Sicklebill**  
© Tim Janzen

Prepared by

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## Panama's Canopy Tower & El Valle's Canopy Lodge January 4-16, 2025 Tour

*Myriads of magazine articles have touted Panama's incredible Canopy Tower, a former U.S. military radar tower transformed by Raúl Arias de Para when the U.S. relinquished control of the Panama Canal Zone. It sits atop 900-foot Semaphore Hill overlooking Soberania National Park. While rooms are rather spartan, the food is excellent and the opportunity to view birds at dawn from the 360° rooftop Observation Deck above the treetops is outstanding.*



Panama's Canopy Tower © Ruthie Stearns

*Twenty minutes away is the start of the famous Pipeline Road, possibly one of the best birding roads in Central and South America. From our base, daily birding outings are made to various locations in Central Panama, which vary from the primary forest around the tower, to huge mudflats near Panama City and, finally, to cool Cerro Azul and Cerro Jefe forest.*

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*An enticing example of what awaits visitors to this marvelous birding paradise can be found in excerpts taken from the journal I write every night during the tour and e-mail to participants, my family, and some birder friends. This report is created from those journals.*

Being on the Observation Deck of the Canopy Tower before sunrise is one of the best parts of this combined Canopy Tower and Canopy Lodge tour. Watching the sun rise over distant Panama City,



Dawn over Panama City from the Canopy Tower observation deck © Jeri Langham

listening to the Mantled Howler Monkeys announcing their presence and their territories, and hearing Mottled and Spectacled owls and Collared Forest-Falcons calling are just some of the highlights. This year I heard a Great Potoo - my first ever from the Tower.

From the deck this morning we observed a male Gartered Tropicbird, several Geoffroy's Tamarins coming to eat bananas, a juvenile Yellow-headed Caracara, Red-lored & Mealy amazons in flight,



Gartered Tropicbird  
© Jeri Langham



Geoffroy's Tamarin  
© Jeri Langham



Yellow-headed Caracara  
© Jeri Langham

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both male and female Blue Dacnises, Tropical Kingbird, Lesser Greenlet, Green Shrike-Vireo, Brown-capped Tyrannulet, Palm and Blue-gray tanagers, Bay-breasted Warblers, Black and Turkey vultures, Pale-vented Pigeons, and a loafing Green Iguana.



Blue Dacnis  
© Bob Traverso



Green Iguana  
© Bob Traverso



Tropical Kingbird  
© Jeri Langham

After birding from the observation deck on our first morning, we enjoyed a wonderful buffet breakfast whose enticing aromas had been drifting up to us from the kitchen for about an hour. While waiting to depart on a walk down Semaphore Hill, we observed the hummingbird feeders at the base of the tower. Up to six species were seen, including White-necked Jacobin, Long-billed and Stripe-throated hermits, and Snowy-bellied, Blue-chested, and Violet-bellied hummingbirds.



White-necked Jacobin  
© Jeri Langham



Blue-chested Hummingbird  
© Bob Traverso



Snowy-bellied Hummingbird  
© Tim Janzen

Next, we walked down the paved Semaphore Hill Road. On this walk we added Velvety Manakin,

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Black-crowned Antshrike, White-whiskered Puffbird, Crimson-crested Woodpecker, Masked Tityra, and more. We also enjoyed the White-nosed Coatis, but the biggest surprise of the morning was the huge Boa Constrictor right next to the road! It was about 7-9 feet long and about 6 inches thick in the middle.



**Black-crowned Antshrike**  
© Bob Traverso



**Crimson-crested Woodpecker**  
© Tim Janzen



**White-whiskered Puffbird**  
© Jeri Langham

Evening meals are often interrupted by the arrival of various mammal species including Allen's Olingo, Kinkajou, and Panamanian Night Monkeys. During the day, it's fun to watch the Geoffroy's Tamarins and the Green Iguanas. I had the surprise of being greeted by a Kinkajou one morning as I planned to help myself to a cup of coffee, but the next morning after I showed everyone the photos, the entrance hole used was plugged.



**Panamanian Night Monkeys**  
© Bob Traverso



**Kinkajou in Canopy Tower kitchen**  
© Jeri Langham

We had one of the best mornings ever at Ammo Dump Pond. The highlight for me was the Least Bittern – only seen once in the previous 27 tours.

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However, the most fun was the Yellow-tailed Oriole that gave us close looks from every possible angle and was only about 15 yards away. Of course, the main reason for stopping is the hope that Carlos can call in a White-throated Crake. We heard at least 8 of them and, true to form, Carlos provided bits and pieces of views for us. There were also two juvenile Rufescent Tiger-Herons, providing the participants with a great visual for the reason they are called Tiger-Herons. Only the adult has the rufescent neck and part of the body.



**Yellow-tailed Oriole**  
© Tim Janzen



**Rufescent Tiger-Heron**  
© Bob Traverso



**Whooping Motmot**  
© Bob Traverso

At the intersection before Pipeline Road, Carlos called in a Whooping Motmot, and this location also gave us great views of Cinnamon Woodpecker, male and female Gartered Trogons, Red-throated Ant-Tanager, Fasciated Antshrike, Cocoa Woodcreeper, and Gray-headed Tanager.



**Cocoa Woodcreeper**  
© Tim Janzen



**Fasciated Antshrike**  
© Tim Janzen



**Red-throated Ant-Tanager**  
© Tim Janzen

We did not stop until we reached the entrance to Discovery Center and here used the bathrooms. Finally arriving at the locked gated entrance to Pipeline Road, it began to rain so we headed back to the Canopy Tower.

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We spent the afternoon at Raúl's B&B in Gamboa. The minute Carlos started placing bananas on the feeders, the tanagers began to flock in to feed. Palm and Blue-gray tanagers were first.



Carlos placing bananas on feeder platforms  
© Jeri Langham



Blue-gray and Palm tanagers  
© Bob Traverso

Soon there were Plain-colored and Crimson-backed tanagers joining them. Huge Gray-headed Chachalacas joined the mob and as usual ate most of the bananas, forcing Carlos to go out and replenish the trays. The incredibly beautiful male Red-legged Honeycreepers also put on a show.



Gray-headed Chachalaca  
© Bob Traverso



Red-legged Honeycreeper  
© Tim Janzen



Plain-colored Tanager  
© Bob Traverso



Crimson-backed Tanager  
© Bob Traverso



Central American Agouti  
© Bob Traverso



Rufous-tailed  
Hummingbird  
© Bob Traverso

Central American Agoutis ate any bananas that fell on the ground and the single nectar feeder was constantly visited by Rufous-tailed Hummingbirds. We had better views here of Whooping Motmot and were also able to add Rufous Motmot. All gasped when the Rufous Motmot on the feeder grabbed and ate a Plain-colored Tanager!

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Wind seemed to keep the birds to a minimum when we visited Cerro Azul so we headed to the home of Linda and Jerry Harrison for the hummingbird extravaganza that always awaits us. There were hundreds of birds visiting their hummingbird and banana feeders! Some of the best were Green and Shining honeycreepers, Fulvous-vented Euphonia, Bay-headed and Palm tanagers, Long-billed and Green hermits, Rufous-crested Coquette, Bronze-tailed and White-vented plumeleteers, Crowned Woodnymph, and Violet-capped, Snowy-bellied, Rufous-tailed, and Blue-chested hummingbirds.



Green Honeycreeper  
© Bob Traverso



Rufous-crested Coquette  
© Bob Traverso



Bronze-tailed  
Plumeleteer  
© Tim Janzen



Violet-capped  
Hummingbird  
© Tim Janzen

On the drive to the Panama Rainforest Discovery Center, a few of us saw a Common Pauraque fly up from the road. Upon reaching the observation platform, we climbed up the 174 steps to find a distant Blue Cotinga in view. We had excellent looks at the beautiful and colorful Keel-billed Toucan. We also saw another favorite of mine – the Purple-throated Fruitcrow.



Keel-billed Toucan  
© Jeri Langham



Bob, Carlos, Rachel, and Tim  
© Carli Traverso



Purple-throated Fruitcrow  
© Tim Janzen

In the afternoon, we visited the Gamboa Rainforest Reserve and had a great time seeing some American migrants like Prothonotary, Tennessee, Chestnut-sided, and Bay-breasted warblers, Philadelphia Vireo, and Northern Waterthrush. A Jesus Christ lizard posed nicely.

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On our second attempt at Pipeline Road, we had much better luck. The weather cooperated and so did the birds. Some special finds were White-whiskered and Black-breasted puffbirds, Bicolored Antbird, Yellow-throated Toucan, the tiny Spotted Antbird, male and female Slaty-tailed Tropic, White-tailed Tropic, Rufous Motmot, and Plain-brown Woodcreeper. Small bird flocks included Spot-crowned Antvireo, Checker-throated Stipplethroat, Olivaceous Flatbill, and White-flanked Antwren. A roosting Mottled Owl was spotted, too.



**Bicolored Antbird**  
© Bob Traverso



**Yellow-throated Toucan**  
© Jeri Langham



**Spotted Antbird**  
© Tim Janzen

We had a wonderful picnic lunch several miles down Pipeline Road.



**Tim, Igua (local guide), Bob, Jeri, Lorenzo (local driver), Marjorie & Carlos**  
© Carli Traverso



**Slaty-tailed Tropic**  
© Bob Traverso

An evening spotlight drive on Semaphore Hill Road produced a Great Tinamou roosting in a tree and a Great Potoo.

After breakfast, we headed to Parque Natural Metropolitano – the largest metropolitan park in Central America. One of the highlights for me at this park is the Bradley Crane that was built for scientists to study ecosystems in the upper canopy of huge, very old trees. We could see scientists up in the protective cages that they could maneuver.

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The birding was great, with Orange-chinned Parakeets by the dozens working a fruiting tree and a Rufous-and-white Wren building a nest in an *Acacia* tree. We were able to see lots of species that we had only previously heard or poorly seen, like Lesser Greenlet and Long-billed Gnatwren. Squirrel Cuckoo, male and female Northern Black-throated Trogons, Dusky Antbird, Olivaceous and Cocoa woodcreepers, Plain Xenops, and Lance-tailed Manakin cooperated for photos. By far, the best two birds were White-eyed Vireo (new for me in Panama and fewer than 5 for Carlos) and Slate-colored Seedeater. The latter is seen here only in years when a species of bamboo produces seeds.



**Northern Black-throated Tropic**  
© Jeri Langham



**Orange-chinned Parakeet**  
© Bob Traverso



**Slate-colored Seedeater**  
© Tim Janzen

Our final morning at Canopy Tower gave us distant views of a male Blue Cotinga, closer looks at Scaled Pigeon and Red-crowned Woodpecker, and our first looks at Ochre-breasted Flycatcher and a female Black-throated Mango.



**Red-crowned  
Woodpecker**  
© Tim Janzen



**Scaled Pigeon**  
© Tim Janzen



**Black-throated Mango**  
© Tim Janzen

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As we headed toward Canopy Lodge, we crossed the Centenario Bridge over the Panama Canal. Arriving in El Valle before lunch, much time was spent looking at the birds and other critters coming in to feast on the fruit and nectar feeders. Among them were Gray-headed Chachalaca, White-tipped Dove, Stripe-throated Hermit, Rufous-crested Coquette, Violet-headed Hummingbird, Gray-cowled Wood-Rail, Collared Araçari, Spot-crowned Barbet, Red-crowned Woodpecker, Blue Dacnis, Thick-billed Euphonia, Chestnut-headed Oropendola, Giant Cowbird,



Stripe-throated Hermit  
© Bob Traverso



Violet-headed Hummingbird  
© Bob Traverso



Collared Araçari  
© Tim Janzen

Social Flycatcher, Bay Wren, Black-chested Jay, Keel-billed Toucan, and Crimson-backed, Blue-gray, Palm, and Bay-headed tanagers. We also enjoyed the good looks at Central American Agouti and two types of squirrels – Variegated and Red-tailed.



Black-chested Jay  
© Bob Traverso



Chestnut-headed Oropendola  
© Tim Janzen



Keel-billed Toucan  
© Tim Janzen

All the birds listed above plus dozens of others can be viewed from your home by going to the Cornell Laboratory of Ornithology bird cam set up on the large platform feeder. Here is the link [http://cams.allaboutbirds.org/channel/57/Panama\\_Fruit\\_Feeders/](http://cams.allaboutbirds.org/channel/57/Panama_Fruit_Feeders/). One of the most fun events at Canopy Lodge is sitting on the porch watching all the birds and other animals feed.

We were pleasantly surprised when we were joined for dinner by Raúl Arias de Para and his wife, Denise. They are the owners of the Canopy Family properties, whose main home is just down stream from the Canopy Lodge. It is always a treat to visit with them.

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We had an excellent day of seeing very tough-to-get birds and capturing some super photographs on our first visit to Altos del Maria. Our first stop before getting to the entrance to this huge, gated community had a pair of Collared Trogons (formerly Orange-bellied), which allowed us to complete our sweep of all possible trogons on this combo tour.



**Collared (Orange-bellied) Tropicbird**  
© Tim Janzen



**Tufted Flycatcher**  
© Tim Janzen



**Green Thorntail**  
© Tim Janzen

Other species were Tufted Flycatcher, a female Green Thorntail, Black-and-Yellow Tanagers, Russet Antshrike, Ochraceous Wren, White-ruffed Manakin, Chestnut-capped Warbler, and Tawny-crested, Blue-gray, and Palm tanagers.

There are over one thousand lots in this huge, gated Altos del Maria community, which only has two entrances: the one we were on from El Valle and another from the Pan-American Highway. I would guess that fewer than 20% of the lots have been sold. Within this huge, gated community there is smaller, more elite one called Valle Bonito. Due to the fog today, we headed for that lower area. Two years ago, they built a very nice bathroom, hot tub, pool, and picnic area next to the pond I always visit. We use this area for our picnic lunch.



**Valle Bonito picnic & swimming area**  
© Jeri Langham

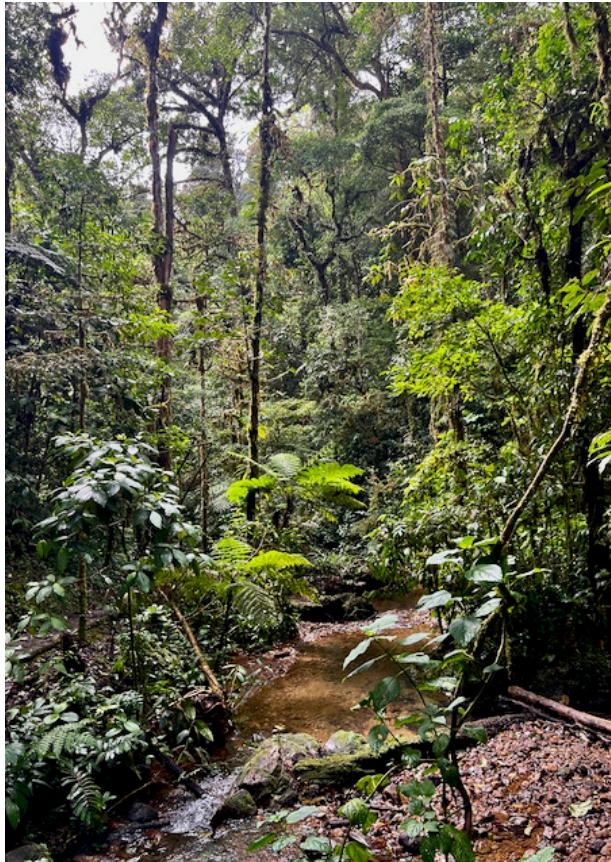


**Valle Bonito hot tub and pool**  
© Jeri Langham

On the day we visited Altos del Maria, Carli and Rachel decided to stay behind and shortly after our departure they identified a Rufous-breasted Hermit and a White-tipped Sicklebill coming to feed in the patch of beautiful Lobster Claw Heliconias. Fortunately, the White-tipped Sicklebill showed up again for some of our group to see when we returned to Canopy Lodge later in the day.

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Beyond the pool in the previous photo there is a large pond with concrete walks all around it, meeting on the far side and following the stream, crossing back and forth over it as one climbs up the canyon. For a  $\frac{1}{2}$  mile or so, the concrete path is wide enough for a wheelchair. This is one of my favorite trails in Altos del Maria. Prospective lot buyers are brought here to the new picnic, hot tub, pool area shown above and then to walk the trails in this incredible climax forest.



Rainforest & creek in Valle Bonito  
© Jeri Langham



Marjorie, Tim, Rachel, Bob, Carli & Carlos  
© Jeri Langham

We always enjoy our picnic lunch here either before or after the hour walk up the trail. Some special birds here today were White-throated Spadebill, Tawny-capped Euphonia, White-flanked Antwren, Green Kingfisher by the pond, and best of all, we were able to call out a Black-eared Quail that scampered across the path right in front of us, but never came back into view.



White-throated  
Spadebill  
© Tim Janzen



Tawny-capped Euphonia  
© Tim Janzen



White-flanked Antwren  
© Bob Traverso



Green Kingfisher  
© Tim Janzen

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My favorite climax Neotropical rainforest spot in Panama is called Santiago Apostol. I always give a mini lecture on bryophytes (mosses, liverworts, and hornworts) that cover the large, exposed bank by the parking lot before we climb the steps to the little building. Here where we can appreciate the incredible climax Neotropical rainforest ecosystem, I give a much longer mini lecture that covers photosynthesis vs. respiration and how these two interact to give each plant species its compensation point.



Spot-crowned Barbet  
© Bob Traverso



Dusky-faced Tanager  
© Tim Janzen

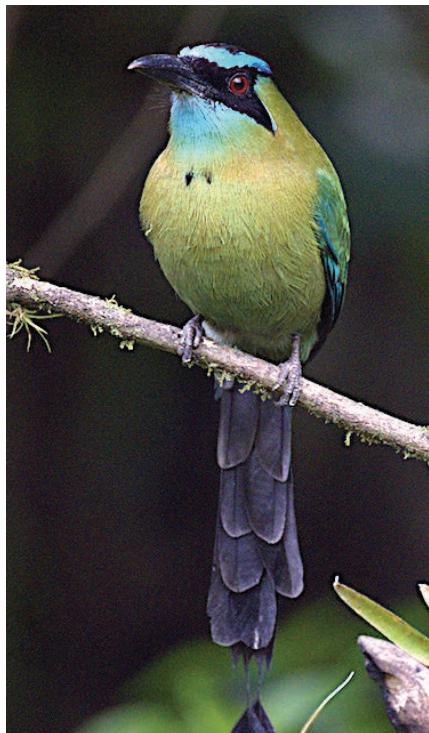


Golden-hooded  
Tanager  
© Jeri Langham



Crimson-backed  
Tanager  
© Bob Traverso

As we returned to Canopy Lodge from Altos del Maria, we stopped at Eric's home to see the wonderful fruit and nectar feeders. His parents put out new bananas, oranges, and rice that immediately began to bring in hungry birds as we sat on the porch watching the show: Flame-rumped, Crimson-backed, Blue-gray, Dusky-faced, and Golden-hooded tanagers, Rufous-tailed Hummingbird, Spot-crowned Barbet, Bronze-tailed Plumeleteer, Thick-billed Euphonias, Clay-colored Thrushes, and Rufous and Lesson's motmots.



Lesson's Motmot  
© Tim Janzen



Squirrel Cuckoo  
© Tim Janzen



Rufous Motmot  
© Tim Janzen

## Panama's Canopy Tower & El Valle's Canopy Lodge January 4-16, 2025 Tour

We had a lot of luck on our second visit to Altos del Maria, with several species rarely seen on this tour. A few special hummingbirds were Brown Violetear, Crowned Woodnymph, Purple-crowned Fairy, Green-crowned Brilliant, and a glimpsed White-tailed Emerald.



**Green-crowned  
Brilliant**  
© Tim Janzen



**Northern Emerald-  
Toucanet**  
© Jeri Langham



**Crowned  
Woodnymph**  
© Bob Traverso



**Orange-billed Sparrow**  
© Tim Janzen

Other good finds were Northern Emerald-Toucanet, Red-faced Spinetail, Scale-crested Pygmy-Tyrant, Common Chlorospingus, Black-striped and Orange-billed sparrows, Louisiana Waterthrush, Blackburnian, Chestnut-capped, Buff-rumped and Yellow-rumped warblers, and Hepatic, Tawny-crested, Blue-gray, Flame-rumped, Emerald, and Silver-throated tanagers.



**Tawny-crested Tanager**  
© Tim Janzen



**Silver-throated Tanager**  
© Tim Janzen



**Buff-throated Saltator**  
© Tim Janzen



**Blue-gray Tanager**  
© Tim Janzen



**Louisiana  
Waterthrush**  
© Tim Janzen



**Hepatic Tanager**  
© Tim Janzen

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Because Carlos had to depart yesterday, Eliecer drove our van to the Pacific Coast. The first bird he found for us was a Wedge-tailed Grass-Finch, followed by my closest view of a Crested Bobwhite. Another stop produced two Ferruginous Pygmy-Owls. As we descended to the lowlands, we picked up Striped Cuckoo and two new hummingbirds – Sapphire-throated Hummingbird and Veraguan Mango.



Crested Bobwhite  
© Tim Janzen



Wedge-tailed Grass-Finch  
© Tim Janzen



Ferruginous Pygmy-Owls  
© Jeri Langham

Soaring Wood Storks were a great spectacle and a Fork-tailed Flycatcher was seen, but it did not allow photos. A Bat Falcon soared overhead. Long-legged Savanna Hawks were seen in open fields.



Striped Cuckoo  
© Jeri Langham



Bat Falcon  
© Tim Janzen



Savanna Hawk  
© Tim Janzen

At the beach we saw numerous shorebirds, including Whimbrel, Willet, and Sanderling. We also saw multiple Laughing Gulls as well as Sandwich, Elegant, and Royal terns. Then we headed to Raúl and Denise's beach home in Santa Clara where we swam and ate our picnic lunch.

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Magnificent Frigatebirds put on a real show! A Cocos Booby (recently split from Brown Booby) was the bird I liked most but it was offshore and too far for photos as it swirled around. We checked a spot for Common Potoo, but a noisy party nearby had scared off the adult, leaving its single egg. First time I have seen a potoo egg. This trip to the west coast produced 94 species today!



**Tody Motmot**  
© Tim Janzen



**Spectacled Owl**  
© Jeri Langham



**Tropical Screech-Owl**  
© Jeri Langham

On our final morning at Canopy Lodge we set out to find several target birds before heading back to Panama City. The first was Tody Motmot. This is the smallest of all motmots found in Panama, the toughest to see, and the last one possible for this tour. After it responded at our first stop, we spent 45 minutes searching for it until Eliecer spotted it in deep cover. Heaven only knows how he did this! Next we headed for a place in El Valle that has many acres of second growth forest and some tall trees to look for Spectacled Owl. Our third trail produced one that Eliecer spotted in a tangle of dead branches. Our last search was for a Tropical Screech-Owl and Eliecer came through again – finding both a gray phase and a tan phase owl perched next to each other. It was an incredible morning of getting target birds and a wonderful ending to our tour.



**Marjorie, Rachel, Tim, Jeri, Raúl, Bob, Denise & Carli** © Carlos

This **Field List** was prepared for potential participants in **PANAMA'S CANOPY TOWER & EL VALLE TOUR** led by Jeri Langham and local co-leaders Carlos Bethancourt and Danilo Rodriguez. For your convenience, the orders of families and common names are those in the October 2024 eBird / Clements checklist. I have put additional comments of interest such as splits or name changes in parentheses.

- **COLUMN I** is designed to give you a **realistic** idea of which species you are likely to encounter. The numerals in this column indicate the number of 27 previous **CANOPY TOWER VENT** tours that recorded each species. A blank indicates it has not been recorded. When a comma separates two numerals (e.g. 4,1), the first represents the number of tours in which the species was seen, and the second represents the number of times the bird was only heard during the tour. An "h" indicates a species has only been heard and thus never seen on any of these previous trips. However, this was only my 19th tour to visit **El Valle's CANOPY LODGE**, so for species that are only possible there, Column I is not as accurate.
- **COLUMN II** shows the species seen (x) or only heard (h) on the 2025 tour. Species marked with a "J" were seen only by the tour leader(s).

My one or two local co-leaders and I will do our best to show each of you as many species as we can during our short visit to Panama. Just wait until you see the location of the Canopy Tower with its 360° forest canopy top view from the observation deck and the plush accommodations at El Valle with incredible birds coming to the fruit feeder that can be seen on the Cornell Laboratory of Ornithology video cam.

[http://cams.allaboutbirds.org/channel/57/Panama\\_Fruit\\_Feeders/](http://cams.allaboutbirds.org/channel/57/Panama_Fruit_Feeders/)

	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Tinamous</b>	<b>Tinamidae</b>		
2	Great Tinamou	<i>Tinamus major</i>	18, 9	x
3	Little Tinamou	<i>Crypturellus soui</i>	4, 9	
4	<b>Ducks, Geese &amp; Waterfowl</b>	<b>Anatidae</b>		
5	Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	12	x
6	Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>		
7	Muscovy Duck	<i>Cairina moschata</i>	7	
8	Blue-winged Teal	<i>Spatula discors</i> (new genus)	9	
9	Northern Shoveler	<i>Spatula clypeata</i>	1	
10	American Wigeon	<i>Mareca americana</i> (new genus)		
11	Ring-necked Duck	<i>Aythya collaris</i>	1	
12	Lesser Scaup	<i>Aythya affinis</i>		
13	Masked Duck	<i>Nomonyx dominicus</i>	1	
14	<b>Guans, Chachalacas &amp; Curassows</b>	<b>Cracidae</b>		
15	Gray-headed Chachalaca	<i>Ortalis cinereiceps</i>	25	x
16	Crested Guan	<i>Penelope purpurascens</i>		
17	Black Guan	<i>Chamaepetes unicolor</i>	2	
18	Great Curassow	<i>Crax rubra</i>	1	
19	<b>New World Quail</b>	<b>Odontophoridae</b>		
20	Tawny-faced Quail	<i>Rhynchortyx cinctus</i>		
21	Crested Bobwhite	<i>Colinus cristatus</i>	4, 1	x
22	Marbled Wood-Quail	<i>Odontophorus gujanensis</i>		
23	Black-eared Wood-Quail	<i>Odontophorus melanotis</i>	3, 1	x
24	<b>Pigeons &amp; Doves</b>	<b>Columbidae</b>		
25	Rock Pigeon (I)	<i>Columba livia</i>	27	x
26	Pale-vented Pigeon	<i>Patagioenas cayennensis</i>	27	x
27	Scaled Pigeon	<i>Patagioenas speciosa</i>	26	x
28	Ruddy Pigeon	<i>Patagioenas subvinacea</i>	1	
29	Short-billed Pigeon	<i>Patagioenas nigrirostris</i>	16, 6	x
30	Plain-breasted Ground Dove	<i>Columbina minuta</i>	10	
31	Ruddy Ground Dove	<i>Columbina talpacoti</i>	26	x
32	Blue Ground Dove	<i>Claravis pretiosa</i>	6, 3	
33	Ruddy Quail-Dove	<i>Geotrygon montana</i>	2	
34	Violaceous Quail-Dove	<i>Geotrygon violacea</i>		
35	Olive-backed Quail-Dove	<i>Leptotrygon veraquensis</i> (n. g.)		
36	White-tipped Dove	<i>Leptotila verreauxi</i>	25	x
37	Gray-chested Dove	<i>Leptotila cassinii</i>	20	x
38	Purplish-backed Quail-Dove	<i>Zentrygon lawrencii</i> (n. genus)	3	
39	Mourning Dove	<i>Zenaida macroura</i>	7	
40				

	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Cuckoos</b>	<b>Cuculidae</b>		
2	Greater Ani	<i>Crotophaga major</i>	26	x
3	Smooth-billed Ani	<i>Crotophaga ani</i>	27	x
4	Groove-billed Ani	<i>Crotophaga sulcirostris</i>	16	x
5	Striped Cuckoo	<i>Tapera naevia</i>	7,6	x
6	Pheasant Cuckoo	<i>Dromococcyx phasianellus</i>	3,1	
7	Rufous-vented Ground-Cuckoo	<i>Neomorphus geoffroyi</i>	3	
8	Little Cuckoo	<i>Coccycua minuta</i>		
9	Squirrel Cuckoo	<i>Piaya cayana</i>	27	x
10	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	1	
11	Mangrove Cuckoo	<i>Coccyzus minor</i>	4	
12	Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>		
13	<b>Nightjars &amp; Allies</b>	<b>Caprimulgidae</b>		
14	Lesser Nighthawk	<i>Chordeiles acutipennis</i>	2	
15	Common Nighthawk	<i>Chordeiles minor</i>	2,1	
16	Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	1	
17	Common Pauraque	<i>Nyctidromus albicollis</i>	13,2	x
18	White-tailed Nightjar	<i>Hydropsalis cayennensis</i> (n. g.)		
19	Chuck-will's-widow	<i>Antrostomus carolinensis</i> (n. g.)		
20	Rufous Nightjar	<i>Antrostomus rufus</i> (n. genus)		
21	<b>Potoos</b>	<b>Nyctibiidae</b>		
22	Great Potoo	<i>Nyctibius grandis</i>	17	x
23	Common Potoo	<i>Nyctibius griseus</i>	11,1	h
24	<b>Oilbird</b>	<b>Steatornithidae</b>		
25	Oilbird	<i>Steatornis caripensis</i>		
26	<b>Swifts</b>	<b>Apodidae</b>		
27	Black Swift	<i>Cypseloides niger</i>		
28	White-chinned Swift	<i>Cypseloides cryptus</i>		
29	Chestnut-collared Swift	<i>Streptoprocne rutila</i>		
30	White-collared Swift	<i>Streptoprocne zonaris</i>	10	
31	Band-rumped Swift	<i>Chaetura spinicaudus</i>	25	x
32	Chimney Swift	<i>Chaetura pelagica</i>		
33	Vaux's Swift	<i>Chaetura vauxi</i>	10	
34	Short-tailed Swift	<i>Chaetura brachyura</i>	26	x
35	Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	23	
36	<b>Hummingbirds</b>	<b>Trochilidae</b>		
37	White-necked Jacobin	<i>Florisuga mellivora</i>	27	x
38	White-tipped Sicklebill	<i>Eutoxeres aquila</i>	8,1	x
39	Rufous-breasted Hermit	<i>Glaucis hirsutus</i>	6	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Band-tailed Barbthroat	<i>Threnetes ruckeri</i>	6	
2	Green Hermit	<i>Phaethornis guy</i>	23	x
3	Long-billed Hermit	<i>Phaethornis longirostris</i>	26	x
4	Pale-bellied Hermit	<i>Phaethornis anthophilus</i>	2	
5	Stripe-throated Hermit	<i>Phaethornis striigularis</i>	23	x
6	Brown Violetear	<i>Colibri delphinae</i>	9	x
7	Purple-crowned Fairy	<i>Heliothryx barroti</i>	21	x
8	Black-throated Mango	<i>Anthracothorax nigricollis</i>	26	x
9	Veraguan Mango	<i>Anthracothorax veraguensis</i>	15	x
10	Green Thorntail	<i>Discosura conversii</i>	10	x
11	Rufous-crested Coquette	<i>Lophornis delattrei</i>	18	x
12	Green-crowned Brilliant	<i>Heliodoxa jacula</i>	12	x
13	Long-billed Starthroat	<i>Heliomaster longirostris</i>	7	
14	Purple-throated Mountain-gem	<i>Lampornis calolaemus</i>	7	
15	Magenta-throated Woodstar	<i>Philodice bryantae</i> (new genus)		
16	Ruby-throated Hummingbird	<i>Archilochus colubris</i>		
17	Garden Emerald	<i>Chlorostilbon assimilis</i>	13	
18	Violet-headed Hummingbird	<i>Klais guimeti</i>	17	x
19	Violet Sabrewing	<i>Campylopterus hemileucurus</i>		
20	Bronze-tailed Plumeleteer	<i>Chalybura urochrysia</i>	24	x
21	White-vented Plumeleteer	<i>Chalybura buffonii</i>	27	x
22	Crowned Woodnymph (lumped, n. n.)	<i>Thalurania colombica</i>	23	x
23	Snowcap	<i>Microchera albocoronata</i>	19	
24	White-tailed Emerald	<i>Microchera chionura</i> (new genus)	4	x
25	Violet-capped Hummingbird	<i>Goldmania violiceps</i>	18	x
26	Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>		
27	Snowy-bellied Hummingbird	<i>Saucerottia edward</i> (new genus)	27	x
28	Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	27	x
29	Sapphire-throated Hummingbird	<i>Chrysuronia coeruleogularis</i> (n.g.)	19	x
30	Blue-chested Hummingbird	<i>Polyerata amabilis</i> (new genus)	25	x
31	Blue-throated Goldentail	<i>Chlorestes eliciae</i> (new genus)		
32	Violet-bellied Hummingbird	<i>Chlorestes julie</i> (new genus)	27	x
33	<b>Rails, Gallinules &amp; Coots</b>		<b>Rallidae</b>	
34	Uniform Crake	<i>Amaurolimnas concolor</i>		
35	Gray-cowled Wood-Rail (split, n. n.)	<i>Aramides cajaneus</i>	20,1	x
36	Sora	<i>Porzana carolina</i>	1	
37	Common Gallinule (new name)	<i>Gallinula galeata</i>	22	x
38	American Coot	<i>Fulica americana</i>	4	
39	Purple Gallinule	<i>Porphyrio martinica</i>	23	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Yellow-breasted Crake	<i>Laterallus flaviventer</i> (n. genus)		
2	White-throated Crake	<i>Laterallus albicularis</i>	16, 11	x
3	Gray-breasted Crake	<i>Laterallus exilis</i>		
4	<b>Finfoots</b>	<b><i>Heliorhithidae</i></b>		
5	Sungrebe	<i>Heliorhynchus fulica</i>		
6	<b>Limpkin</b>	<b><i>Aramidae</i></b>		
7	Limpkin	<i>Aramus guarauna</i>	4	
8	<b>Stilts &amp; Avocets</b>	<b><i>Recurvirostridae</i></b>		
9	Black-necked Stilt	<i>Himantopus mexicanus</i>	15	x
10	American Avocet	<i>Recurvirostra americana</i>		
11	<b>Oystercatchers</b>	<b><i>Haematopodidae</i></b>		
12	American Oystercatcher	<i>Haematopus palliatus</i>	1	
13	<b>Plovers &amp; Lapwings</b>	<b><i>Charadriidae</i></b>		
14	Black-bellied Plover	<i>Pluvialis squatarola</i>	21	x
15	American Golden-Plover	<i>Pluvialis dominica</i>	1	
16	Killdeer	<i>Charadrius vociferus</i>	1	
17	Semipalmated Plover	<i>Charadrius semipalmatus</i>	8	
18	Southern Lapwing	<i>Vanellus chilensis</i>	23	x
19	Wilson's Plover	<i>Anarhynchus wilsonia</i> (n. genus)	3	
20	Collared Plover	<i>Anarhynchus collaris</i> (n. genus)	2	
21	<b>Jaçanas</b>	<b><i>Jacanidae</i></b>		
22	Wattled Jacana	<i>Jacana jacana</i>	27	x
23	<b>Sandpipers &amp; Allies</b>	<b><i>Scolopacidae</i></b>		
24	Upland Sandpiper	<i>Bartramia longicauda</i>		
25	Whimbrel	<i>Numenius phaeopus</i>	23	x
26	Long-billed Curlew	<i>Numenius americanus</i>	1	
27	Marbled Godwit	<i>Limosa fedoa</i>	12	x
28	Short-billed Dowitcher	<i>Limnodromus griseus</i>	21	x
29	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	4	
30	Wilson's Phalarope	<i>Phalaropus tricolor</i>	1	
31	Red-necked Phalarope	<i>Phalaropus lobatus</i>		
32	Spotted Sandpiper	<i>Actitis macularius</i>	25	x
33	Solitary Sandpiper	<i>Tringa solitaria</i>	18	
34	Lesser Yellowlegs	<i>Tringa flavipes</i>	10	
35	Willet	<i>Tringa semipalmata</i>	22	x
36	Greater Yellowlegs	<i>Tringa melanoleuca</i>	19	
37	Ruddy Turnstone	<i>Arenaria interpres</i>	8	
38	Red Knot	<i>Calidris canutus</i>	11	
39	Surfbird	<i>Calidris virgata</i>	2	
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Stilt Sandpiper	<i>Calidris himantopus</i>	2	
2	Sanderling	<i>Calidris alba</i>	11	x
3	Dunlin	<i>Calidris alpina</i>	1	
4	Least Sandpiper	<i>Calidris minutilla</i>	12	x
5	Pectoral Sandpiper	<i>Calidris melanotos</i>		
6	Western Sandpiper	<i>Calidris mauri</i>	14	
7	Semipalmated Sandpiper	<i>Calidris pusilla</i>	3	
8	<b>Gulls, Terns &amp; Skimmers</b>		<b>Laridae</b>	
9	Laughing Gull	<i>Leucophaeus atricilla</i>	27	x
10	Franklin's Gull	<i>Leucophaeus pipixcan</i>	20	
11	Ring-billed Gull	<i>Larus delawarensis</i>	5	
12	American Herring Gull	<i>Larus smithsonianus</i> (new sp. e.)	7	
13	Black Skimmer	<i>Rynchops niger</i>	5	
14	Brown Noddy	<i>Anous stolidus</i>		
15	Bridled Tern	<i>Onychoprion anaethetus</i>		
16	Least Tern	<i>Sternula antillarum</i>		
17	Gull-billed Tern	<i>Gelochelidon nilotica</i>	11	
18	Caspian Tern	<i>Hydroprogne caspia</i>	2	
19	Black Tern	<i>Chlidonias niger</i>	2	
20	Common Tern	<i>Sterna hirundo</i>	2	
21	Sandwich Tern	<i>Thalasseus sandvicensis</i>	18	x
22	Elegant Tern	<i>Thalasseus elegans</i>	9	x
23	Royal Tern	<i>Thalasseus maximus</i>	21	x
24	<b>Grebes</b>		<b>Podicipedidae</b>	
25	Least Grebe	<i>Tachybaptus dominicus</i>	6	
26	Pied-billed Grebe	<i>Podilymbus podiceps</i>	6	
27	<b>Sunbittern</b>		<b>Eurypygidae</b>	
28	Sunbittern	<i>Eurypyga helias</i>	4	
29	<b>Storks</b>		<b>Ciconiidae</b>	
30	Jabiru	<i>Jabiru mycteria</i>		
31	Wood Stork	<i>Mycteria americana</i>	17	x
32	<b>Frigatebirds</b>		<b>Fregatidae</b>	
33	Magnificent Frigatebird	<i>Fregata magnificens</i>	27	x
34	<b>Boobies &amp; Gannets</b>		<b>Sulidae</b>	
35	Cocos Booby (split)	<i>Sula brewsteri</i> (new sp. epi.)	5	x
36	Masked Booby	<i>Sula dactylatra</i>		
37	Blue-footed Booby	<i>Sula nebouxii</i>	5	
38	Peruvian Booby	<i>Sula variegata</i>		
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Anhingas</b>	<b>Anhingidae</b>		
2	Anhinga	<i>Anhinga anhinga</i>	20	x
3	<b>Cormorants &amp; Shags</b>	<b>Phalacrocoracidae</b>		
4	Neotropic Cormorant	<i>Nannopterum brasiliense</i> (new)	25	x
5	<b>Ibises &amp; Spoonbills</b>	<b>Threskiornithidae</b>		
6	White Ibis	<i>Eudocimus albus</i>	21	x
7	Glossy Ibis	<i>Plegadis falcinellus</i>	10	x
8	Green Ibis	<i>Mesembrinibis cayennensis</i>		
9	Roseate Spoonbill	<i>Platalea ajaja</i>	1	
10	<b>Herons, Egrets &amp; Bitterns</b>	<b>Ardeidae</b>		
11	Rufescent Tiger-Heron	<i>Tigrisoma lineatum</i>	23	x
12	Bare-throated Tiger-Heron	<i>Tigrisoma mexicanum</i>		
13	Fasciated Tiger-Heron	<i>Tigrisoma fasciatum</i>	2	
14	Boat-billed Heron	<i>Cochlearius cochlearius</i>	25	
15	Agami Heron	<i>Agamia agami</i>	2	
16	Least Bittern	<i>Botaurus exilis</i> (n. genus)	1	x
17	Yellow-crowned Night Heron	<i>Nyctanassa violacea</i>	14	
18	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	16	
19	Capped Heron	<i>Pilherodius pileatus</i>	4	
20	Little Blue Heron	<i>Egretta caerulea</i>	27	x
21	Tricolored Heron	<i>Egretta tricolor</i>	24	
22	Reddish Egret	<i>Egretta rufescens</i>	2	
23	Snowy Egret	<i>Egretta thula</i>	27	x
24	Striated Heron	<i>Butorides striata</i>	18	x
25	Green Heron	<i>Butorides virescens</i>	26	x
26	Western Cattle-Egret (new name)	<i>Ardea ibis</i> (n. genus)	27	x
27	Great Egret	<i>Ardea alba</i>	27	x
28	Great Blue Heron	<i>Ardea herodias</i>	27	x
29	Cocoi Heron	<i>Ardea cocoi</i>	15	x
30	<b>Pelicans</b>	<b>Pelecanidae</b>		
31	American White Pelican	<i>Pelecanus erythrorhynchos</i>	2	
32	Brown Pelican	<i>Pelecanus occidentalis</i>	27	x
33	<b>New World Vultures</b>	<b>Cathartidae</b>		
34	King Vulture	<i>Sarcogyps papa</i>	22	
35	Black Vulture	<i>Coragyps atratus</i>	27	x
36	Turkey Vulture	<i>Cathartes aura</i>	27	x
37	Lesser Yellow-headed Vulture	<i>Cathartes burrovianus</i>	15	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Osprey</b>	<b>Pandionidae</b>		
2	Osprey	<i>Pandion haliaetus</i>	27	x
3	<b>Hawks, Eagles &amp; Kites</b>	<b>Accipitridae</b>		
4	Pearl Kite	<i>Gampsonyx swainsonii</i>	9	
5	White-tailed Kite	<i>Elanus leucurus</i>	18	x
6	Hook-billed Kite (split)	<i>Chondrohierax uncinatus</i>	5	
7	Gray-headed Kite	<i>Leptodon cayanensis</i>	18,1	h
8	Swallow-tailed Kite	<i>Elanoides forficatus</i>	7	
9	Black Hawk-Eagle	<i>Spizaetus tyrannus</i>	15,2	x
10	Black-and-white Hawk-Eagle	<i>Spizaetus melanoleucus</i>	2	
11	Ornate Hawk-Eagle	<i>Spizaetus ornatus</i>	2	
12	Crested Eagle	<i>Morphnus guianensis</i>	1	
13	Harpy Eagle	<i>Harpia harpyja</i>		
14	Sharp-shinned Hawk	<i>Accipiter striatus</i>		
15	Bicolored Hawk (split)	<i>Astur bicolor</i> (n. genus)	1	
16	Long-winged Harrier	<i>Circus buffoni</i>		
17	Northern Harrier	<i>Circus hudsonius</i> (new sp. epi.)	2	
18	Tiny Hawk	<i>Microspizias superciliosus</i> (n.g.)	3	
19	Double-toothed Kite	<i>Harpagus bidentatus</i>	22	
20	Mississippi Kite	<i>Ictinia mississippiensis</i>	2	
21	Plumbeous Kite	<i>Ictinia plumbea</i>	7	
22	Crane Hawk	<i>Geranospiza caerulescens</i>	18,1	
23	Snail Kite	<i>Rostrhamus sociabilis</i>	23	x
24	Barred Hawk	<i>Morphnarchus princeps</i> (new g.)		
25	Plumbeous Hawk	<i>Cryptoleucopteryx plumbea</i>		
26	Common Black Hawk (no hyphen)	<i>Buteogallus anthracinus</i>	17	
27	Mangrove Black Hawk (lumped)	<i>Buteogallus a. bangsi</i>	2	
28	Savanna Hawk	<i>Buteogallus meridionalis</i>	21	x
29	Great Black Hawk (no hyphen)	<i>Buteogallus urubitinga</i>	11	x
30	Roadside Hawk	<i>Rupornis magnirostris</i>	23	x
31	White-tailed Hawk	<i>Geranoaetus albicaudatus</i>		
32	White Hawk	<i>Pseudastur albicollis</i> (new g.)	23	
33	Semiplumbeous Hawk	<i>Leucopternis semiplumbeus</i>	9	
34	Gray-lined Hawk (split, new name)	<i>Buteo nitidus</i>	20	x
35	Broad-winged Hawk	<i>Buteo platypterus</i>	26	x
36	Zone-tailed Hawk	<i>Buteo albonotatus</i>	13	
37	Short-tailed Hawk	<i>Buteo brachyurus</i>	27	x
38	Swainson's Hawk	<i>Buteo swainsoni</i>	3	
39	Red-tailed Hawk	<i>Buteo jamaicensis</i>		
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Barn-Owls</b>	<b>Tytonidae</b>		
2	American Barn Owl (split, new n.)	<i>Tyto furcata</i> (new sp. epi.)		
3	<b>Owls</b>	<b>Strigidae</b>		
4	Tropical Screech-Owl	<i>Megascops choliba</i>	8,3	x
5	Middle American Screech-Owl (n.n)	<i>Megascops guatemalae vermi.</i>		
6	Choco Screech-Owl (split, new n.)	<i>Megascops centralis</i> (n. sp. e.)	4,6	h
7	Crested Owl	<i>Lophostrix cristata</i>	3	
8	Spectacled Owl	<i>Pulsatrix perspicillata</i>	22	x
9	Ferruginous Pygmy-Owl	<i>Glaucidium brasiliandum</i>	16	x
10	Mottled Owl	<i>Strix virgata</i> (new genus)	12,10	x
11	Black-and-white Owl	<i>Strix nigrolineata</i> (new genus)	1,1	
12	Striped Owl	<i>Asio clamator</i> (new genus)	0,1	
13	<b>Trogons</b>	<b>Trogonidae</b>		
14	Slaty-tailed Tropic	<i>Trogon massena</i>	27	x
15	Black-tailed Tropic	<i>Trogon melanurus</i>	21,4	x
16	White-tailed Tropic	<i>Trogon chionurus</i>	27	x
17	Gartered (Violaceous) Tropic (n.n)	<i>Trogon caligatus</i> (n. sp. epithet)	27	x
18	Nor. Black-throated Tropic (n.n.)	<i>Trogon tenellus</i> (new sp. epi.)	26,1	x
19	Collared (Orange-bellied) Tropic (l.)	<i>Trogon collaris aurantiiventris</i>	27	x
20	<b>Motmots</b>	<b>Momotidae</b>		
21	Tody Motmot	<i>Hylomanes momotula</i>	25	x
22	Lesson's Motmot (w. Pan.) (split, n.n)	<i>Momotus lessonii</i> (n. sp. epithet)	13	x
23	Whooping Motmot (e. Pan.) (s.,n.n.)	<i>Momotus subrufescens</i> (n.sp.e.)	26	x
24	Rufous Motmot	<i>Baryphthengus martii</i>	26	x
25	Broad-billed Motmot	<i>Electron platyrhynchum</i>	27	x
26	<b>Kingfishers</b>	<b>Alcedinidae</b>		
27	Ringed Kingfisher	<i>Megaceryle torquata</i>	25	
28	Belted Kingfisher	<i>Megaceryle alcyon</i>	6	
29	Amazon Kingfisher	<i>Chloroceryle amazona</i>	22	
30	American Pygmy Kingfisher	<i>Chloroceryle aenea</i>	14	
31	Green Kingfisher	<i>Chloroceryle americana</i>	27	x
32	Green-and-rufous Kingfisher	<i>Chloroceryle inda</i>	1	
33	<b>Puffbirds</b>	<b>Bucconidae</b>		
34	White-necked Puffbird	<i>Notharchus hyperrhynchus</i>	21,1	
35	Black-breasted Puffbird	<i>Notharchus pectoralis</i>	27	x
36	Pied Puffbird	<i>Notharchus tectus</i>	20,1	x
37	Barred Puffbird	<i>Nystalus radiatus</i>		
38	White-whiskered Puffbird	<i>Malacoptila panamensis</i>	26	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Jacamars</b>	<b>Galbulidae</b>		
2	Great Jacamar	<i>Jacamerops aureus</i>	10, 1	
3	<b>New World Barbets (new family)</b>	<b>Capitonidae (new)</b>		
4	Spot-crowned Barbet	<i>Capito maculicoronatus</i>	20	x
5	<b>Toucan-Barbets (new family)</b>	<b>Semnornithidae (new)</b>		
6	Prong-billed Barbet	<i>Semnornis frantzii</i>		
7	<b>Toucans</b>	<b>Ramphastidae</b>		
8	Northern Emerald-Toucanet (n. n.)	<i>Aulacorhynchus prasinus</i> (n.s.e.)	27	x
9	Collared Araçari	<i>Pteroglossus torquatus</i>	27	x
10	Yellow-eared Toucanet	<i>Selenidera spectabilis</i>	14	
11	Yellow-throated Toucan (lump, n.n.)	<i>Ramphastos ambiguus</i> (n. s. e.)	26	x
12	Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	27	x
13	<b>Woodpeckers</b>	<b>Picidae</b>		
14	Olivaceous Piculet	<i>Picumnus olivaceus</i>	3	
15	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	6	
16	Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	27	x
17	Red-crowned Woodpecker	<i>Melanerpes rubricapillus</i>	27	x
18	Smoky-brown Woodpecker	<i>Dryobates fumigatus</i> (new g.)		
19	Crimson-bellied Woodpecker	<i>Campephilus haematogaster</i>	2	
20	Crimson-crested Woodpecker	<i>Campephilus melanoleucos</i>	27	x
21	Lineated Woodpecker	<i>Dryocopus lineatus</i>	24, 2	x
22	Cinnamon Woodpecker	<i>Celeus loricatus</i>	25	x
23	Stripe-cheeked Woodpecker	<i>Piculus callopterus</i>	9	
24	<b>Falcons &amp; Caracaras</b>	<b>Falconidae</b>		
25	Laughing Falcon	<i>Herpetotheres cachinnans</i>	1	
26	Collared Forest-Falcon	<i>Micrastur semitorquatus</i>	10, 14	h
27	Slaty-backed Forest-Falcon	<i>Micrastur mirandolaei</i>	6, 15	
28	Barred Forest-Falcon	<i>Micrastur ruficollis</i>	3, 10	
29	Crested Caracara	<i>Caracara plancus</i> (n. sp. epi.)	24	x
30	Yellow-headed Caracara	<i>Daptrius chimachima</i> (n. genus)	27	x
31	American Kestrel	<i>Falco sparverius</i>	15, 1	
32	Merlin	<i>Falco columbarius</i>	1	
33	Aplomado Falcon	<i>Falco femoralis</i>	7	
34	Bat Falcon	<i>Falco rufigularis</i>	21, 2	x
35	Peregrine Falcon	<i>Falco peregrinus</i>	17	x
36	<b>New World &amp; African Parrots</b>	<b>Psittacidae</b>		
37	Red-fronted Parrotlet	<i>Touit costaricensis</i>	1	
38	Blue-fronted Parrotlet	<i>Touit dilectissimus</i>	2, 2	
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Orange-chinned Parakeet	<i>Brotogeris jugularis</i>	27	x
2	Brown-hooded Parrot	<i>Pyrrilia haematotis</i> (new s. epi.)	20,2	x
3	Blue-headed Parrot	<i>Pionus menstruus</i>	27	x
4	Red-lored Amazon (new name)	<i>Amazona autumnalis</i>	27	x
5	Yellow-crowned Amazon (n. name)	<i>Amazona ochrocephala</i>	16	
6	Mealy Amazon (new name)	<i>Amazona farinosa</i>	25,1	x
7	Brown-throated Parakeet	<i>Eupsittula pertinax</i> (new genus)	20,1	
8	<b>Sapayoaa (new family)</b>	<b>Sapayooidae (new)</b>		
9	Sapayoaa	<i>Sapayoaa aerigma</i>		
10	<b>Typical Antbirds</b>	<b>Thamnophilidae</b>		
11	Fasciated Antshrike	<i>Cymbilaimus lineatus</i>	27	x
12	Great Antshrike	<i>Taraba major</i>	8,3	
13	Barred Antshrike	<i>Thamnophilus doliatus</i>	26	x
14	Black-crowned Antshrike (n. name)	<i>Thamnophilus atrinucha</i>	27	x
15	Russet Antshrike	<i>Thamnistes anabatinus</i>	9	x
16	Plain Antvireo	<i>Dysithamnus mentalis</i>	16	
17	Spot-crowned Antvireo	<i>Dysithamnus puncticeps</i>	15	x
18	Checker-throated Stipplethroat (n.n.)	<i>Epinecrophylla fulviventer</i>	26	x
19	Moustached Antwren	<i>Myrmotherula ignota</i>	9,2	h
20	Pacific Antwren	<i>Myrmotherula pacifica</i>	9	
21	White-flanked Antwren	<i>Myrmotherula axillaris</i>	25	x
22	Slaty Antwren	<i>Myrmotherula schisticolor</i>	17	
23	Dot-winged Antwren	<i>Microrhopias quixensis</i>	23	x
24	Dusky Antbird	<i>Cercomacroides tyrannina</i> (n.g.)	27	x
25	Jet Antbird	<i>Cercomacra nigricans</i>	7,2	
26	Bare-crowned Antbird	<i>Gymnophichla nudiceps</i>	2,4	
27	White-bellied Antbird	<i>Myrmeciza longipes</i>	22,4	h
28	Chestnut-backed Antbird	<i>Poliocrania exsul</i> (new g.)	25,2	x
29	Dull-mantled Antbird	<i>Sipia laemosticta</i> (new g.)	8	
30	Wing-banded Antbird	<i>Myrmornis torquata</i>		
31	Bicolored Antbird	<i>Gymnopithys bicolor</i> (new s.e.)	24,1	x
32	Spotted Antbird	<i>Hylophylax naevioides</i>	27	x
33	Ocellated Antbird	<i>Phaenostictus mcleannanni</i>	16,1	
34	<b>Gnateaters</b>	<b>Conopophagidae</b>		
35	Black-crowned Antpitta	<i>Pittasoma michleri</i>	10,3	x
36	<b>Antpittas</b>	<b>Grallariidae</b>		
37	Scaled Antpitta	<i>Grallaria guatimalensis</i>		
38	Streak-chested Antpitta	<i>Hylopezus perspicillatus</i>	16,7	h
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Antthrushes</b>	<b>Formicariidae</b>		
2	Black-faced Antthrush	<i>Formicarius analis</i>	18, 9	h
3	Black-headed Antthrush	<i>Formicarius nigricapillus</i>		
4	<b>Ovenbirds &amp; Woodcreepers</b>	<b>Furnariidae</b>		
5	Middle American Leaftossing (split)	<i>Sclerurus mexicanus pullus</i>	2	
6	Scaly-throated Leaftossing	<i>Sclerurus guatemalensis</i>	5	
7	Olivaceous Woodcreeper	<i>Sittasomus griseicapillus</i>	16, 1	x
8	Piping Woodcreeper (split, n. name)	<i>Deconychura typica</i> (n. sp. epi.)		
9	Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>	3	
10	Plain-brown Woodcreeper	<i>Dendrocincla fuliginosa</i>	24	x
11	Wedge-billed Woodcreeper	<i>Glyphorynchus spirurus</i>	12	
12	Northern Barred-Woodcreeper	<i>Dendrocolaptes sanctithomae</i>	22	
13	Cocoa Woodcreeper	<i>Xiphorhynchus susurans</i>	27	x
14	Black-striped Woodcreeper	<i>Xiphorhynchus lachrymosus</i>	19, 2	x
15	Spotted Woodcreeper	<i>Xiphorhynchus erythropygius</i>	23	
16	Straight-billed Woodcreeper	<i>Dendroplex picus</i> (new genus)	9	x
17	Red-billed Scythebill	<i>Campylorhamphus trochilirostris</i>		
18	Brown-billed Scythebill	<i>Campylorhamphus pusillus</i>	8	h
19	Streak-headed Woodcreeper	<i>Lepidocolaptes souleyetii</i>	8, 1	
20	Northern Plain-Xenops (new name)	<i>Xenops mexicanus</i> (n. sp. epi.)	26	x
21	Slaty-winged Foliage-gleaner	<i>Neophilydor fuscipenne</i> (new g.)		
22	Ochre-throated Foliage-gleaner (n.n.)	<i>Automolus ochrolaemus</i>	1	
23	Spotted Barbtail	<i>Premnoplex brunnescens</i>	23, 1	
24	Red-faced Spinetail	<i>Cranioleuca erythrops</i>	22	x
25	Slaty Spinetail	<i>Synallaxis brachyura</i>		
26	Pale-breasted Spinetail	<i>Synallaxis albescens</i>	5	
27	<b>Manakins</b>	<b>Pipridae</b>		
28	Lance-tailed Manakin	<i>Chiroxiphia lanceolata</i>	24, 1	x
29	White-ruffed Manakin	<i>Corapipo altera</i>	18, 2	x
30	Velvety Manakin (split of Blue-cr.)	<i>Lepidothrix velutina</i>	24	x
31	Golden-collared Manakin	<i>Manacus vitellinus</i>	26, 1	x
32	Red-capped Manakin	<i>Ceratopipra mentalis</i> (n. genus)	26, 1	x
33	<b>Cotingas</b>	<b>Cotingidae</b>		
34	Purple-throated Fruitcrow	<i>Querula purpurata</i>	27	x
35	Bare-necked Umbrellabird	<i>Cephalopterus glabricollis</i>		
36	Blue Cotinga	<i>Cotinga nattererii</i>	25	x
37	Rufous Piha	<i>Lipaugus unirufus</i>	1	
38	Three-wattled Bellbird	<i>Procnias tricarunculatus</i>		
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Tityras &amp; Allies</b>	<b>Tityridae (new)</b>		
2	Black-crowned Tityra	<i>Tityra inquisitor</i>	9	
3	Masked Tityra	<i>Tityra semifasciata</i>	25	x
4	Northern Schiffornis (split, n. name)	<i>Schiffornis veraepacis</i> (n.s.e.)	1,2	
5	Russet-winged Schiffornis (s., n.n.)	<i>Schiffornis stenorhyncha</i> (n.s.e.)	4,?	
6	Speckled Mourner	<i>Laniocera rufescens</i>	8	
7	Barred Becard	<i>Pachyramphus versicolor</i>		
8	Cinnamon Becard	<i>Pachyramphus cinnamomeus</i>	14	
9	White-winged Becard	<i>Pachyramphus polychropterus</i>	11,1	
10	<b>Royal Flycatchers &amp; Allies (n. f.)</b>	<b>Onychorhynchidae (n. name)</b>		
11	Tropical Royal Flycatcher (n.name)	<i>Onychorhynchus coronatus</i>	6,1	
12	Ruddy-tailed Flycatcher	<i>Terenotriccus erythrurus</i>	25	x
13	Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	11	x
14	Black-tailed Flycatcher	<i>Myiobius atricaudus</i>	12	
15	<b>Tyrant Flycatchers</b>	<b>Tyrannidae</b>		
16	White-throated Spadebill	<i>Platyrinchus mystaceus</i>	6	x
17	Golden-crowned Spadebill	<i>Platyrinchus coronatus</i>	8,2	
18	Olive-striped Flycatcher (split)	<i>Mionectes galbinus</i> (n. sp.e.)	14	
19	Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	15	x
20	Sepia-capped Flycatcher	<i>Leptopogon amaurocephalus</i>	2	x
21	Slaty-capped Flycatcher	<i>Leptopogon superciliaris</i>		
22	Yellow-green Tyrannulet (E)	<i>Phylloscartes flavovirens</i>	8,1	
23	Rufous-browed Tyrannulet	<i>Phylloscartes superciliaris</i>	13	
24	Black-capped Pygmy-Tyrant	<i>Myiornis atricapillus</i>	13,2	h
25	Scale-crested Pygmy-Tyrant	<i>Lophotriccus pileatus</i>	16,7	x
26	Pale-eyed Pygmy-Tyrant	<i>Atalotriccus pilaris</i> (new genus)	8	
27	Southern Bentbill	<i>Oncostoma olivaceum</i>	26,1	x
28	Slate-headed Tody-Flycatcher	<i>Poecilotriccus sylvia</i>	5,1	
29	Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	23	x
30	Black-headed Tody-Flycatcher	<i>Todirostrum nigriceps</i>	17,1	x
31	Brownish Twistwing	<i>Cniodocetes subbrunneus</i>	7,5	
32	Eye-ringed Flatbill	<i>Rhynchocyclus brevirostris</i>	2	
33	Western Olivaceous Flatbill (n. n.)	<i>Rhynchocyclus aequinoctialis</i> (n.)	20,1	x
34	Yellow-olive Flatbill (new name)	<i>Tolmomyias sulphurescens</i>	12	
35	Yellow-winged Flatbill (split, n.n.)	<i>Tolmomyias flavotectus</i> (n. sp.e.)	21,1	x
36	Brown-capped Tyrannulet	<i>Ornithion brunneicapillus</i>	24	x
37	Southern Beardless-Tyrannulet	<i>Camptostoma obsoletum</i>	25,2	x
38	Mouse-colored Tyrannulet (lumped)	<i>Nesotriccus murinus</i> (n. sp. epi)	9,1	
39	Yellow Tyrannulet	<i>Capsiempis flaveola</i>	11	h
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Yellow-crowned Tyrannulet	<i>Tyrannulus elatus</i>	22, 1	h
2	Forest Elaenia	<i>Myiopagis gaimardi</i>	23, 1	h
3	Choco Elaenia (split)	<i>Myiopagis parambae</i> (n. sp. e.)	6	x
4	Greenish Elaenia	<i>Myiopagis viridicata</i>	11, 1	h
5	Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	27	x
6	Lesser Elaenia	<i>Elaenia chiriquensis</i>	3, 1	
7	White-fronted Tyrannulet (split)	<i>Acrochordopus zeledoni</i> (n. g.)		
8	Mistletoe Tyrannulet (split, n. name)	<i>Zimmerius parvus</i> (n. sp. epi.)	26, 1	x
9	Bran-colored Flycatcher (split)	<i>Myiophobus fasciatus</i>	6	
10	Tufted Flycatcher	<i>Mitrephanes phaeocercus</i>	17	x
11	Olive-sided Flycatcher	<i>Contopus cooperi</i>	6	
12	Western Wood-Pewee	<i>Contopus sordidulus</i>	1	
13	Northern Tropical Pewee (split)	<i>Contopus bogotensis</i> (n. sp. e.)	9	x
14	Eastern Wood-Pewee	<i>Contopus virens</i>	3	
15	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	1	
16	Acadian Flycatcher	<i>Empidonax virescens</i>	10, 5	
17	Alder Flycatcher	<i>Empidonax alnorum</i>		
18	Willow Flycatcher	<i>Empidonax traillii</i>	1	
19	Black Phoebe	<i>Sayornis nigricans</i>	15	x
20	Northern Scrub-Flycatcher	<i>Sublegatus arenarum</i>	5	
21	Pied Water-Tyrant	<i>Fluvicola pica</i>	4	
22	Long-tailed Tyrant	<i>Colonia colonus</i>	17	
23	Bright-rumped Attila	<i>Attila spadiceus</i>	20, 7	h
24	Chocó Sirystes (new name)	<i>Sirystes albogriseus</i> (n.s.e.)		
25	Rufous Mourner	<i>Rhytipterna holerythra</i>	18	
26	Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	24, 3	x
27	Panama Flycatcher	<i>Myiarchus panamensis</i>	25	x
28	Great Crested Flycatcher	<i>Myiarchus crinitus</i>	20, 5	x
29	Cattle Tyrant	<i>Machetornis rixosa</i>		
30	Lesser Kiskadee	<i>Philohydor lictor</i> (new genus)	27	x
31	Great Kiskadee	<i>Pitangus sulphuratus</i>	27	x
32	Boat-billed Flycatcher	<i>Megarynchus pitangua</i>	26	x
33	Rusty-margined Flycatcher	<i>Myiozetetes cayanensis</i>	27	x
34	Social Flycatcher	<i>Myiozetetes similis</i>	27	x
35	Gray-capped Flycatcher	<i>Myiozetetes granadensis</i>	7	
36	White-ringed Flycatcher	<i>Conopias albovittatus</i>		
37	Streaked Flycatcher	<i>Myiodynastes maculatus</i>	26	
38	Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>		
39	Piratic Flycatcher	<i>Legatus leucophaius</i>	12, 1	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Crowned Slaty Flycatcher	<i>Empidonax aurantioatrocristatus</i>		
2	Tropical Kingbird	<i>Tyrannus melancholicus</i>	27	x
3	Eastern Kingbird	<i>Tyrannus tyrannus</i>	1	
4	Gray Kingbird	<i>Tyrannus dominicensis</i>	10	
5	Fork-tailed Flycatcher	<i>Tyrannus savana</i>	27	x
6	<b>Vireos, Shrike-Babblers &amp; Erpornis</b>		<b>Vireonidae</b>	
7	Rufous-browed Peppershrike	<i>Cyclarhis gujanensis</i>	8,2	h
8	Scrub Greenlet	<i>Hylophilus flavipes</i>	18,1	x
9	Green Shrike-Vireo	<i>Vireolanius pulchellus</i>	27	x
10	Tawny-crowned Greenlet	<i>Tunchiornis ochraceiceps</i> (n.g.)		
11	Lesser Greenlet	<i>Pachysylvia decurtata</i> (n. g.)	27	x
12	Golden-fronted Greenlet	<i>Pachysylvia aurantiifrons</i> (n. g.)	23	x
13	White-eyed Vireo	<i>Vireo griseus</i>		x
14	Yellow-throated Vireo	<i>Vireo flavifrons</i>	20	x
15	Philadelphia Vireo	<i>Vireo philadelphicus</i>	10	x
16	Brown-capped Vireo	<i>Vireo leucophrys</i>	1	
17	Red-eyed Vireo	<i>Vireo olivaceus</i>	2	x
18	Yellow-green Vireo	<i>Vireo flavoviridis</i>	10,2	x
19	Black-whiskered Vireo	<i>Vireo altiloquus</i>		
20	<b>Crows, Jays &amp; Magpies</b>		<b>Corvidae</b>	
21	Black-chested Jay	<i>Cyanocorax affinis</i>	25	x
22	<b>Swallows</b>		<b>Hirundinidae</b>	
23	Bank Swallow	<i>Riparia riparia</i>	3	
24	Tree Swallow	<i>Tachycineta bicolor</i>	4	
25	Mangrove Swallow	<i>Tachycineta albilinea</i>	27	x
26	Purple Martin	<i>Progne subis</i>	1	
27	Gray-breasted Martin	<i>Progne chalybea</i>	27	x
28	Brown-chested Martin	<i>Progne tapera</i>		
29	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	7	
30	Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>	26	x
31	White-thighed Swallow	<i>Atticora tibialis</i> (n.g.)	2	
32	Blue-and-white Swallow	<i>Pygochelidon cyanoleuca</i>	6	
33	Barn Swallow	<i>Hirundo rustica</i>	19	x
34	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	2	
35	<b>Gnatcatchers (new family)</b>		<b>Polioptilidae (new)</b>	
36	Tawny-faced Gnatwren	<i>Microbates cinereiventris</i>	8,1	
37	Long-billed Gnatwren	<i>Ramphocaenus melanurus</i>	26,1	x
38	White-browed Gnatcatcher (split)	<i>Polioptila bilineata</i> (n. sp. epi.)	26	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Wrens</b>	<b>Troglodytidae</b>		
2	Scaly-breasted Wren (new name)	<i>Microcerclus marginatus</i>	5, 7	h
3	Southern House Wren (split, n. n.)	<i>Troglodytes musculus</i> (n. s. e.)	27	x
4	Ochraceous Wren	<i>Troglodytes ochraceus</i>	21, 6	x
5	White-headed Wren	<i>Campylorhynchus albostriatus</i>	9	
6	Black-bellied Wren	<i>Pheugopedius fasciatoventris</i>	23, 3	h
7	Rufous-breasted Wren	<i>Pheugopedius rutilus</i> (n. g.)	24, 1	x
8	Rufous-and-white Wren	<i>Thryophilus rufalbus</i> (n. genus)	20, 6	x
9	Isthmian (Plain) Wren (new name)	<i>Cantorchilus elutus</i> (n. binomial)	25, 1	x
10	Bay Wren	<i>Cantorchilus nigricapillus</i> (n. g.)	25, 1	x
11	Buff-breasted Wren	<i>Cantorchilus leucotis</i> (n. g.)	19, 3	x
12	White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>	22, 2	x
13	Gray-breasted Wood-Wren	<i>Henicorhina leucophrys</i>	22, 2	x
14	Song Wren	<i>Cyphorhinus phaeocephalus</i>	27	x
15	<b>Mockingbirds &amp; Thrashers</b>	<b>Mimidae</b>		
16	Gray Catbird	<i>Dumetella carolinensis</i>	2	
17	Tropical Mockingbird	<i>Mimus gilvus</i>	27	x
18	<b>Thrushes &amp; Allies</b>	<b>Turdidae</b>		
19	Orange-billed Nightingale-Thrush	<i>Catharus aurantiirostris</i>	3, 1	
20	Veery	<i>Catharus fuscescens</i>		
21	Gray-cheeked Thrush	<i>Catharus minimus</i>	4	
22	Swainson's Thrush	<i>Catharus ustulatus</i>	4	
23	Wood Thrush	<i>Hylocichla mustelina</i>		
24	White-throated Thrush	<i>Turdus assimilis</i>	2	
25	Pale-vented Thrush	<i>Turdus obscurus</i>	12	
26	Clay-colored Thrush	<i>Turdus grayi</i>	27	x
27	<b>Waxwings</b>	<b>Bombycillidae</b>		
28	Cedar Waxwing	<i>Bombycilla cedrorum</i>	1	
29	<b>Old World Sparrows</b>	<b>Passeridae</b>		
30	House Sparrow	<i>Passer domesticus</i>	15	x
31	<b>Wagtails &amp; Pipits</b>	<b>Motacillidae</b>		
32	Yellowish Pipit	<i>Anthus chii</i> (new sp. epithet)		
33	<b>Finches, Euphonias &amp; Allies</b>	<b>Fringillidae</b>		
34	Elegant Euphonia	<i>Chlorophonia elegantissima</i> (n.g.)	2	
35	Yellow-crowned Euphonia	<i>Euphonia luteicapilla</i>	26	h
36	White-vented Euphonia	<i>Euphonia minuta</i>	7, 1	
37	Thick-billed Euphonia	<i>Euphonia laniirostris</i>	27	x
38	Fulvous-vented Euphonia	<i>Euphonia fulvicrissa</i>	25	x
39	Tawny-capped Euphonia	<i>Euphonia anneae</i>	23	x
40	Lesser Goldfinch	<i>Spinus psaltria</i>	15, 1	

	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Thrush-Tanager (new family)</b>	<b>Rhodinicichlidae (new)</b>		
2	Rosy Thrush-Tanager	<i>Rhodinicichla rosea</i>	22,5	x
3	<b>New World Sparrows (new name)</b>	<b>Passerellidae (new)</b>		
4	Common Chlorospingus (new name)	<i>Chlorosping. flavopectus</i> (n.s.e.)	27	x
5	Black-striped Sparrow	<i>Arremonops conirostris</i>	26,1	x
6	Orange-billed Sparrow	<i>Arremon aurantiirostris</i>	25,1	x
7	Chestnut-capped Brushfinch (1 word)	<i>Arremon brunneinucha</i>	18	x
8	Sooty-faced Finch	<i>Arremon crassirostris</i>		
9	<b>Troupials &amp; Allies</b>	<b>Icteridae</b>		
10	Bobolink	<i>Dolichonyx oryzivorus</i>		
11	Eastern Meadowlark (split)	<i>Sturnella magna</i>	15	x
12	Red-breasted Meadowlark (new n.)	<i>Leistes militaris</i> (new genus)	10	
13	Yellow-billed Cacique	<i>Amblycercus holosericeus</i>	7,1	
14	Crested Oropendola	<i>Psarocolius decumanus</i>	19	
15	Chestnut-headed Oropendola	<i>Psarocolius wagleri</i>	27	x
16	Montezuma Oropendola	<i>Psarocolius montezuma</i>	1,1	
17	Scarlet-rumped Cacique	<i>Cacicus uropygialis</i>	27	x
18	Yellow-rumped Cacique	<i>Cacicus cela</i>	26	x
19	Black-cowled Oriole	<i>Icterus prosthemelas</i>		
20	Orchard Oriole	<i>Icterus spurius</i>	20	
21	Yellow-backed Oriole	<i>Icterus chrysater</i>	25,1	x
22	Orange-crowned Oriole	<i>Icterus auricapillus</i>		
23	Yellow-tailed Oriole	<i>Icterus mesomelas</i>	21	x
24	Baltimore Oriole	<i>Icterus galbula</i>	27	x
25	Shiny Cowbird	<i>Molothrus bonariensis</i>	11	x
26	Bronzed Cowbird	<i>Molothrus aeneus</i>	2	
27	Giant Cowbird	<i>Molothrus oryzivorus</i>	16	x
28	Great-tailed Grackle	<i>Quiscalus mexicanus</i>	27	x
29	<b>New World Warblers</b>	<b>Parulidae</b>		
30	Ovenbird	<i>Seiurus aurocapilla</i>	2	
31	Worm-eating Warbler	<i>Helmitheros vermivorum</i>	1	
32	Louisiana Waterthrush	<i>Parkesia motacilla</i> (n. genus)	14	x
33	Northern Waterthrush	<i>Parkesia noveboracensis</i> (n. g.)	23,1	x
34	Golden-winged Warbler	<i>Vermivora chrysoptera</i>	23	
35	Blue-winged Warbler	<i>Vermivora cyanoptera</i> (n. s. epi.)	3	
36	Black-and-white Warbler	<i>Mniotilla varia</i>	27	x
37	Prothonotary Warbler	<i>Protonotaria citrea</i>	26	x
38	Tennessee Warbler	<i>Leiothlypis peregrina</i> (n. genus)	27	x
39	Mourning Warbler	<i>Geothlypis philadelphia</i> (n. g.)	17	
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Kentucky Warbler	<i>Geothlypis formosa</i> (n. binomial)	7	
2	Common Yellowthroat	<i>Geothlypis trichas</i>	5	
3	Hooded Warbler	<i>Setophaga citrina</i> (new genus)	2	
4	American Redstart	<i>Setophaga ruticilla</i> (new genus)	12	x
5	Cape May Warbler	<i>Setophaga tigrina</i> (new genus)		
6	Cerulean Warbler	<i>Setophaga cerulea</i> (new genus)	2	
7	Northern Parula	<i>Setophaga americana</i> (n. genus)	1	
8	Tropical Parula	<i>Setophaga pitiayumi</i> (n. g.)	1	
9	Magnolia Warbler	<i>Setophaga magnolia</i> (n.g.)	12	
10	Bay-breasted Warbler	<i>Setophaga castanea</i> (n.g.)	27	x
11	Blackburnian Warbler	<i>Setophaga fusca</i> (new genus)	16	
12	Yellow Warbler	<i>Setophaga petechia</i> (n. genus)	27	x
13	Chestnut-sided Warbler	<i>Setophaga pensylvanica</i> (n.g.)	27	x
14	Blackpoll Warbler	<i>Setophaga striata</i> (new genus)	10	
15	Palm Warbler	<i>Setophaga palmarum</i> (n. genus)	4	
16	Yellow-rumped Warbler	<i>Setophaga coronata</i> (n. genus)	5	x
17	Yellow-throated Warbler	<i>Setophaga dominica</i> (n. genus)	1	
18	Prairie Warbler	<i>Setophaga discolor</i> (n. genus)	1	
19	Black-throated Green Warbler	<i>Setophaga virens</i> (new genus)	14	
20	Rufous-capped Warbler	<i>Basileuterus rufifrons</i>	22	x
21	Buff-rumped Warbler	<i>Myiothlypis fulvicauda</i> (n. g.)	12	x
22	Canada Warbler	<i>Cardellina canadensis</i> (n. g.)	12	x
23	Wilson's Warbler	<i>Cardellina pusilla</i> (n. genus)	1	
24	<b>Mitrospingid Tanagers (new family)</b>	<b>Mitrospingidae (new)</b>		
25	Dusky-faced Tanager	<i>Mitrospingus cassinii</i>	25,1	x
26	<b>Cardinals &amp; Allies</b>	<b>Cardinalidae</b>		
27	Hepatic Tanager	<i>Piranga flava</i>	22	x
28	Summer Tanager	<i>Piranga rubra</i>	27	x
29	Scarlet Tanager	<i>Piranga olivacea</i>	2	
30	Western Tanager	<i>Piranga ludoviciana</i>		
31	Red-crowned Ant-Tanager	<i>Habia rubica</i>	22	x
32	Red-throated Ant-Tanager	<i>Driophlox fuscicauda</i> (new g.)	26	x
33	Carmiol's Tanager (split)	<i>Chlorothraupis carmioli</i>	13	
34	Black-faced Grosbeak	<i>Caryothraustes poliogaster</i>	4	
35	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	14	
36	Blue Seedeater (split)	<i>Amaurospiza concolor</i>	1	
37	Blue-black Grosbeak	<i>Cyanoloxia cyanoides</i> (n.genus)	18,3	h
38	Blue Grosbeak	<i>Passerina caerulea</i>	4	
39	Indigo Bunting	<i>Passerina cyanea</i>	2	
40	Dickcissel	<i>Spiza americana</i>	1	

	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>Tanagers &amp; Allies</b>	<b>Thraupidae</b>		
2	Gray-headed Tanager	<i>Eucometis penicillata</i>	22	x
3	White-shouldered Tanager	<i>Loriotus luctuosus</i> (new genus)	27	x
4	Tawny-crested Tanager	<i>Tachyphonus delatrii</i>	26	x
5	White-lined Tanager	<i>Tachyphonus rufus</i>	19	x
6	Flame-rumped Tanager	<i>Ramphocelus flammigerus</i>	27	x
7	Crimson-backed Tanager	<i>Ramphocelus dimidiatus</i>	27	x
8	Blue-gray Tanager	<i>Thraupis episcopus</i>	27	x
9	Palm Tanager	<i>Thraupis palmarum</i>	27	x
10	Speckled Tanager	<i>Ixothraupis guttata</i> (new genus)	9	
11	Golden-hooded Tanager	<i>Stilpnia larvata</i> (new genus)	27	x
12	Plain-colored Tanager	<i>Tangara inornata</i>	27	x
13	Rufous-winged Tanager	<i>Tangara lavinia</i>	12	
14	Bay-headed Tanager	<i>Tangara gyrola</i>	23	x
15	Emerald Tanager	<i>Tangara florida</i>	13	x
16	Silver-throated Tanager	<i>Tangara icterocephala</i>	27	x
17	Scarlet-thighed Dacnis	<i>Dacnis venusta</i>	11	x
18	Blue Dacnis	<i>Dacnis cayana</i>	27	x
19	Shining Honeycreeper	<i>Cyanerpes lucidus</i>	19	x
20	Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	27	x
21	Green Honeycreeper	<i>Chlorophanes spiza</i>	26	x
22	Sulphur-rumped Tanager	<i>Heterospingus rubrifrons</i>	4	
23	Black-and-yellow Tanager	<i>Chrysotlypis chrysomelas</i>	19	x
24	Saffron Finch	<i>Sicalis flaveola</i>	14	x
25	Grassland Yellow-Finch	<i>Sicalis luteola</i>		
26	Wedge-tailed Grass-Finch	<i>Emberizoides herbicola</i>	2	x
27	Blue-black Grassquit	<i>Volatinia jacarina</i>	23	x
28	Ruddy-breasted Seedeater	<i>Sporophila minuta</i>	14	
29	Thick-billed Seed-Finch	<i>Sporophila funerea</i> (n. binomial)	12	x
30	Variable Seedeater	<i>Sporophila corvina</i> (new sp.e.)	27	x
31	Morelet's Seedeater (split, new n.)	<i>Sporophila moreletti</i> (n. sp. epi.)	1	
32	Yellow-bellied Seedeater	<i>Sporophila nigricollis</i>	21	x
33	Slate-colored Seedeater	<i>Sporophila schistacea</i>	3,3	x
34	Bananaquit	<i>Coereba flaveola</i>	27	x
35	Yellow-faced Grassquit	<i>Tiaris olivaceus</i>	23	x
36	Buff-throated Saltator	<i>Saltator maximus</i>	27	x
37	Black-headed Saltator	<i>Saltator atriceps</i>	19,1	
38	Streaked Saltator	<i>Saltator striatipectus</i>	22	x
39	Slate-colored Grosbeak	<i>Saltator grossus</i>	20,4	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	<b>MAMMALS -- Reid's 1997 order and nomenclature</b>			
2	7 OPOSSUM species	Family Didelphida		
3	COMMON OPOSSUM	<i>Didelphis marsupialis</i>	17	
4	VIRGINIA OPOSSUM	<i>Didelphis virginiana</i>	2	
5	CENTRAL AMER. WOOLLY OPOSSUM	<i>Caluromys derbianus</i>	9	
6	GRAY FOUR-EYED OPOSSUM	<i>Philander opossum</i>	1	
7	NORTHERN TAMANDUA	<i>Tamandua mexicana</i>	15	
8	HOFFMANN'S TWO-TOED SLOTH	<i>Choloepus hoffmanni</i>	26	x
9	BROWN-THROATED 3-TOED SLOTH	<i>Bradypus variegatus</i>	27	x
10	NOR. NAKED-TAILED ARMADILLO	<i>Cabassous centralis</i>		
11	NINE-BANDED ARMADILLO	<i>Dasypus novemcinctus</i>	7	
12	78 BAT species	Order Chiroptera	27	x
13	PROBOSCIS or LONG-NOSED BAT	<i>Rhynchonycteris naso</i>		
14	GREATER FISHING BAT	<i>Noctilio leporinus</i>	1	
15	LESSER FISHING BAT	<i>Noctilio albiventris</i>	1	
16	COMMON TENT-MAKING BAT	<i>Uroderma bilobatum</i>	2	
17	BROWN TENT-MAKING BAT	<i>Uroderma magnirostrum</i>	2	
18	ORANGE NECTAR BAR	<i>Lonchophylla robusta</i>	1	
19	CHESTNUT SAC-WINGED BAT	<i>Cormura brevirostris</i>	1	
20	FALSE VAMPIRE BAT	<i>Vampyrum spectrum</i>	4	
21	WHITE-LINED BAT	<i>Saccopteryx</i> sp.		x
22	GEOFFROY'S TAMARIN	<i>Saguinus geoffroyi</i>	26	x
23	PANAMANIAN NIGHT MONKEY	<i>Aotus lemurinus</i>	9	x
24	WHITE-FACED CAPUCHIN MONKEY	<i>Cebus capuchinus</i>	21	x
25	MANTLED HOWLER MONKEY	<i>Alouatta palliata</i>	27	x
26	CENTRAL AMER. SPIDER MONKEY	<i>Ateles geoffroyi</i>	1	
27	VARIEGATED SQUIRREL	<i>Sciurus variegatoides</i>	22	x
28	RED-TAILED SQUIRREL	<i>Sciurus granatensis</i>	27	x
29	ALFARO'S PYGMY SQUIRREL	<i>Microsciurus albari</i>	9	x
30	WESTERN PYGMY SQUIRREL	<i>Microsciurus mimulus</i>	2	
31	14 MOUSE or RAT species	Order Rodentia	2	
32	ROTHCHILD'S PORCUPINE	<i>Coendou rothschildi</i>	6	
33	LESSER CAPYBARA	<i>Hydrochaeris isthmius</i>	13	x
34	CENTRAL AMERICAN AGOUTI	<i>Dasyprocta punctata</i>	27	x
35	PACA	<i>Agouti paca</i>		
36	3 SPINY or TREE RAT species	Family Echimyidae	1	
37	TAPITI or FOREST RABBIT [to 1500 m]	<i>Sylvilagus brasiliensis</i>	12	
38	COYOTE	<i>Canis latrans</i>	7	
39	GREATER GRISON	<i>Galictis vittata</i>	1	
40	RUFOUS TREE RAT	<i>Diplomys labialis</i>	1	

	COMMON NAME	SCIENTIFIC NAME	I	II
1	GRAY FOX	<i>Urocyon cinereoargenteus</i>		
2	NORTHERN RACCOON	<i>Procyon lotor</i>		
3	CRAB-EATING RACCOON	<i>Procyon cancrivorous</i>	1	
4	WHITE-NOSED COATI	<i>Nasua nasua</i>	27	x
5	KINKAJOU	<i>Potos flavus</i>	20	x
6	ALLEN'S OLINGO (split)	<i>Bassaricyon alleni</i>	9	x
7	LONG-TAILED WEASEL	<i>Mustela frenata</i>		
8	TAYRA	<i>Eira barbara</i>	3	
9	NEOTROPICAL RIVER OTTER	<i>Lutra longicaudis</i>	1	
10	OCELOT	<i>Felis pardalis</i>		
11	MARGAY	<i>Leopardus wiedii</i>		
12	JAGUARUNDI	<i>Felis yagouaroundi</i>		
13	PUMA	<i>Puma concolor</i>		
14	JAGUAR	<i>Panthera onca</i>		
15	WEST INDIAN MANATEE	<i>Trichechus manatus</i>		
16	BAIRD'S TAPIR	<i>Tapirus bairdii</i>		
17	COLLARED PECCARY	<i>Tayassu tajacu</i>	5	x
18	WHITE-LIPPED PECCARY	<i>Tayassu pecari</i>		
19	WHITE-TAILED DEER	<i>Odocoileus virginianus</i>	4	x
20	RED BROCKET	<i>Mazama americana</i>	1	
21				
22	<b>REPRESENTATIVE FISHES</b>			
23	Unidentified CATFISH species	Order Siluriformes	26	
24	Unidentified FISH species	Phylum Chordata	27	
25	Unidentified TILAPIA species	Tribe Tilapiini	1	
26				
27	<b>REPRESENTATIVE REPTILES and AMPHIBIANS</b>			
28	<i>From 1983 Costa Rican Natural History, D. Janzen, ed.</i>			
29	BRILLIANT FOREST FROG	<i>Lithobates warszewitschii</i>	6	
30	RED-EYED TREEFROG	<i>Agalychnis callidryas</i>		
31	GIANT or MARINE TOAD	<i>Bufo marinus</i>	6,3	x
32	TINK FROG	<i>Eleutherodactylus bransfordii</i>	1,17	
33	TREE FROG	<i>Hyla</i> sp.	1	
34	POISON DART FROG	<i>Dendrobates auratus</i>	4	
35	Unidentified LEAF FROG species	Subfamily Phyllomedusinae	3	
36	COMMON RAIN FROG	<i>Craugaster</i> sp.	16,8	
37	GLASS FROG	<i>Hyalinobatrachium</i> spp.	1	
38	LEAF LITTER TOAD	<i>Rhaebo haematicus</i>	2	
39	Unidentified FROG species	Order Anura	17,9	h
40	STRIPED ROCKET FROG	<i>Allobates insperatus</i>		x

	COMMON NAME	SCIENTIFIC NAME	I	II
1	Unidentified TOAD species	Family Bufonidae	3	
2	NEOTROPICAL CAECELIAN	<i>Dermophis</i> sp.	1	
3	GALLIWASP LIZARD	<i>Diploglossus monotropis</i>	1	
4	JESUS CHRIST LIZARD	<i>Basiliscus basiliscus</i>	21	x
5	MACROTEIID LIZARDS	<i>Ameiva</i> spp.	15	
6	CENTRAL AMER. WHIPTAIL LIZARD	<i>Ameiva festiva</i>	14	
7	COMMON or GREEN IGUANA	<i>Iguana iguana</i>	24	x
8	CTENOSAUR or BLACK IGUANA	<i>Ctenosaura similis</i>	5	
9	YELLOW-HEADED GECKO	<i>Gonatodes albogularis</i>	9	
10	"INTRODUCED" GECKO AT TOWER	<i>Hemidactylus frenatus</i>	27	x
11	GIANT GECKO	Infraorder Gekkota	1,2	
12	Unidentified GECKO species	Infraorder Gekkota	2	
13	ANOLIS LIZARD or ANOLE	<i>Anolis</i> spp.	15	x
14	SKINK	<i>Sphenomorphus cherriei</i>	3	
15	RED or PAINTED WOOD TURTLE	<i>Rhinoclemmys pulcherrima</i>	3	
16	COMMON SLIDER	<i>Trachemys scripta</i>	25	
17	SOFT-SHELLED TURTLE	<i>Apalone</i> spp.	1	
18	AMERICAN CROCODILE	<i>Crocodylus acutus</i>	9	
19	SPECTACLED CAIMAN or BABA	<i>Caiman crocodilus</i>	19	
20	EYELASH VIPER or BOCARACA	<i>Bothrops schlegelii</i>		
21	FER-DE-LANCE or TERCIOPELO	<i>Bothrops asper</i>	2	
22	BOA CONSTRICTOR	<i>Boa constrictor</i>	4	x
23	BROWN VINE S. or BEJUQUILLA CAFÉ	<i>Oxybelis aeneus</i>	2	
24	GREEN V. SN. or BEJUQUILLA VERDE	<i>Oxybelis fulgidus</i>	2	
25	BUSHMASTER	<i>Lachesis muta</i>	1	
26	TIGER RAT SNAKE	<i>Spilotes pullatus</i>	2	x
27	GREEN PARROT SNAKE	<i>Leptophis ahaetulla</i>	2	
28	ECUADOR SIPO	<i>Chironius grandisquamis</i>	2	
29	No common name yet (split)	<i>Erythrolamprus epinephelus</i>	1	
30	COMMON CAT-EYED SNAKE	<i>Leptodeira</i> sp.	1	
31	CORAL SNAKE	Family Elapidae	1	
32	HOGNOSED PIT VIPER	<i>Porthidium</i> spp.	1	
33	Unidentified SNAKE species	Suborder Serpentes	10	
34	<b>REPRESENTATIVE ARTHROPODS</b>			
35	Unidentified TARANTULA species	Family Theraphosidae	4	
36	Unid. ORB-WEAVER SPIDER species	Family Araneidae	9	
37	Unidentified SPIDER species	Class Arachnida	27	x
38	CHIGGERS or COLORADI. [larval stage]	<i>Eutrombicula</i> spp.	22	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Unidentified TICK species	Superfamily Ixodoidea	5	
2	LEAF-CUTTER ANT	<i>Atta cephalotes</i>	27	x
3	ARMY ANT	<i>Eciton burchelli</i>	25	x
4	ACACIA ANT	<i>Pseudomyrmex ferruginea</i>	16	
5	BULLET ANT or BALA	<i>Paraponera clavata</i>	11	
6	FIRE ANT	<i>Solenopsis</i> spp.	8	
7	CECROPIA or AZTECA ANT	<i>Azteca</i> spp.	27	x
8	Unidentified ANT species	Family Formicidae	27	x
9	SUNDOWN CICADAS or CHICHARRAS	<i>Fidicina mannifera</i>	15, 10	h
10	ARBOREAL TERMITE	<i>Nasutitermes</i> spp.	27	x
11	MOUND TERMITE	<i>Macrotermes</i> spp.	6	
12	Unidentified WATER STRIDER species	Family Gerridae	15	
13	Unidentified BUMBLEBEE species	<i>Bombus</i> spp.	21	x
14	Unidentified WASP species	Suborder Apocrita	26	x
15	Unidentified PARASITIC WASP species	Suborder Apocrita	3	
16	TARANTULA WASP	<i>Pepsis</i> spp.	5	
17	Unidentified STINGLESS WASP species	Suborder Apocrita	2	
18	Velvet Ant	Family Mutilidae	1	
19	Unidentified ORCHID BEE species	Tribe Euglossini	1	
20	Unidentified PEGA PEGA BEE species	Order Hymenoptera	20	x
21	HONEYBEE	<i>Apis</i> spp.	4	
22	FIDDLER CRAB	<i>Uca</i> spp.	2	
23	Unidentified MANGROVE CRAB sp.	Infraorder Brachyura	11	
24	Unidentified LAND CRAB species	Infraorder Brachyura	3	
25	Unidentified SCORPION species	Order Scorpiones	3	
26	ANT LION [larval stage]	<i>Mermelaeon</i> spp.	14	
27	LARGE FOREST FLOOR MILLIPEDE	<i>Nyssodesmus python</i>	6	
28	Unidentified MILLIPEDE species	Class Diplopoda	4	
29	Unidentified STICK INSECT species	Order Phasmatodea	14	
30	YELLOW-BANDED METALLIC BUG	Class Insecta	2	
31	Unidentified BEETLE species	Order Coleoptera	26	x
32	Unidentified COCKROACH species	Order Blattodea	18	x
33	ORNATE HELICOPTER DAMSELFLY	<i>Mecistogaster ornata</i>	22	x
34	Unidentified DAMSELFLY species	Suborder Zygoptera	24	x
35	AMBERWING DRAGONFLY	<i>Perithemis</i> spp.	1	
36	Unidentified DRAGONFLY species	Suborder Epiprocta	27	
37	Unidentified CRICKET species	Suborder Ensifera	6	
38	Large purple GRASSHOPPER	<i>Tropidacris</i> spp.	5	
39	Unidentified GRASSHOPPER species	Suborder Caelifera	26	x
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	COMMON NAME	SCIENTIFIC NAME	I	II
1	Unidentified KATYDID species	Family Tettigoniidae	18	
2	Unidentified PRAYING MANTIS species	Order Mantodea	15	
3	Unidentified CATERPILLAR species	Order Lepidoptera	18	x
4	Unidentified INCH WORM	Order Lepidoptera		x
5	Unidentified FIREFLY species	Family Lampyridae	16	x
6	Unidentified FLY species	Order Diptera	23	x
7	Unidentified MOSQUITO species	Family Culicidae	27	x
8	Unidentified STINKBUG species	Family Pentatomidae	3	
9	Unident. WHIRLIGIG BEETLE species	Family Gyrinidae	3	
10	Unidentified MOTH species	Order Lepidoptera	25	x
11	Unidentified LAND snail	Class Gastropoda	1	
12	Unidentified WORM species	Phylum Annelida	3	
13	Unidentified LEAFHOPPER species	Family Cicadellidae	2	
14	CALIGO or CREAM OWL BUTTERFLY	<i>Caligo memnon</i>	25	
15	MORPHO	<i>Morpho peleides</i>	27	x
16	GLASS-WINGED BUTTERFLY	<i>Greta</i> spp.	11	
17	THOAS SWALLOWTAIL	<i>Heraclides thoas</i>	1	
18	KITE SWALLOWTAIL	<i>Eurytides</i> spp.	1	
19	MALACHITE BUTTERFLY	<i>Siproeta stelenes</i>	1	
20	RUSTY-TIPPED PAGE	<i>Siproeta epaphus</i>	2	
21	MONARCH BUTTERFLY	<i>Danaus plexippus</i>	1	
22	Unidentified CLEARWING species	Family Nymphalidae	3	
23	TUTIA CLEARWING	<i>Ceratinia tutia dorilla</i>	1	
24	HERALDICA CLEARWING	<i>Ithomia heraldica</i>	1	
25	GLASSY-WINGED SKIPPER	<i>Xenophanes tryxus</i>	1	
26	DORIS LONGWING	<i>Heliconius doris</i>	3	
27	HECALE LONGWING	<i>Heliconius hecale</i>	1	
28	TIGER-STRIPED LONGWING	<i>Heliconius ismenius</i>	3	
29	BANDED PEACOCK	<i>Anartia fatima</i>	5	x
30	CONFUSA TIGERWING	<i>Methona confusa</i>	1	
31	INCA METALMARK	<i>Aricoris incana</i>	1	x
32	DEEP-BLUE EYED-METALMARK	<i>Mesosemia asa</i>	1	
33	SULPHUR BUTTERFLY	Subfamily Coliadinae	2	x
34	MANY-BANDED DAGGERWING	<i>Mariposa chiron</i>	2	
35	RAYED SISTER	<i>Adelpha melanthes</i>	1	
36	JULIA HELICONIA	<i>Dryas iulia</i>	1	x
37	VARIABLE CRESCENT	<i>Eresia ithomioides</i>	1	
38	TWO-BANDED SATYR	<i>Pareuptychia ocirrhoe</i>		x
39	Unidentified BUTTERFLY species	Order Lepidoptera	27	x
40				