

Panama: Canopy Tower in Autumn

Cumulative Bird List

Column A: Number of tours (out of 14) in which this species has been recorded

Column B: Number of days this species was seen on the 2023 tour

Column C: The maximum daily count for this species on the 2023 tour

Column D: H = Heard only

| <u>A</u> | | <u>B</u> | <u>C</u> | <u>D</u> | |
|----------|------------------------------|----------|----------|----------|---------------------------------|
| 14 | Great Tinamou | 2 | 1 | | <i>Tinamus major</i> |
| 6 | Little Tinamou | 1 | 1 | H | <i>Cypturellus soui</i> |
| 11 | Black-bellied Whistling-Duck | 2 | 13 | | <i>Dendrocygna autumnalis</i> |
| 2 | Muscovy Duck | | | | <i>Cairina moschata</i> |
| 7 | Blue-winged Teal | | | | <i>Spatula discors</i> |
| 1 | Cinnamon Teal | | | | <i>Spatula cyanoptera</i> |
| 5 | Lesser Scaup | | | | <i>Aythya affinis</i> |
| 14 | Gray-headed Chachalaca | 3 | 7 | | <i>Ortalis cinereicps</i> |
| 1 | Great Curassow | | | | <i>Crax rubra</i> |
| 2 | Least Grebe | | | | <i>Tachybaptus dominicus</i> |
| 2 | Pied-billed Grebe | | | | <i>Podilymbus podiceps</i> |
| 13 | Rock Pigeon | | | | <i>Columba livia</i> |
| 14 | Pale-vented Pigeon | 4 | 12 | | <i>Patagioenas cayennensis</i> |
| 14 | Scaled Pigeon | 3 | 12 | | <i>Patagioenas speciosa</i> |
| 4 | Short-billed Pigeon | | | | <i>Patagioenas nigrirostris</i> |
| 1 | Eurasian Collared Dove | | | | <i>Streptopelia decaocto</i> |
| 14 | Ruddy Ground-Dove | 1 | 6 | | <i>Columbina talpacoti</i> |
| 1 | Blue Ground-Dove | | | | <i>Claravis pretiosa</i> |
| 1 | Ruddy Quail-Dove | | | | <i>Geotrygon montana</i> |
| 14 | White-tipped Dove | 3 | 2 | | <i>Leptotila verreauxi</i> |
| 8 | Gray-chested Dove | | | | <i>Leptotila cassini</i> |
| 13 | Greater Ani | 3 | 4 | | <i>Crotophaga major</i> |
| 14 | Smooth-billed Ani | 3 | 10 | | <i>Crotophaga ani</i> |
| 7 | Rufous-vented Ground-Cuckoo | | | | <i>Neomorphus geoffroyi</i> |
| 14 | Squirrel Cuckoo | 2 | 3 | | <i>Piaya cayana</i> |
| 5 | Yellow-billed Cuckoo | 1 | 1 | | <i>Coccyzus americanus</i> |
| 3 | Mangrove Cuckoo | | | | <i>Coccyzus minor</i> |
| 2 | Lesser Nighthawk | | | | <i>Chordeiles acutipennis</i> |
| 2 | Short-tailed Nighthawk | | | | <i>Lurocalis semitorquatus</i> |
| 4 | Common Pauraque | | | | <i>Nyctidromus albicollis</i> |
| 11 | Great Potoo | | | | <i>Nyctibius grandis</i> |



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|----|-------------------------------|---|----|------------------------------------|
| 7 | Common Potoo | | | <i>Nyctibius griseus</i> |
| 9 | White-collared Swift | | | <i>Streptoprocne zonaris</i> |
| 14 | Band-rumped Swift | 3 | 3 | <i>Chaetura spinicaudus</i> |
| 7 | Chimney Swift | | | <i>Chaetura pelagica</i> |
| 13 | Short-tailed Swift | 1 | 25 | <i>Chaetura brachyura</i> |
| 12 | Lesser Swallow-tailed Swift | 1 | 2 | <i>Panyptila cayennensis</i> |
| 14 | White-necked Jacobin | 6 | 12 | <i>Florisuga mellivora</i> |
| 3 | White-tipped Sickbill | | | <i>Eutoxeres aquila</i> |
| 5 | Rufous-breasted Hermit | | | <i>Glaucis hirsutus</i> |
| 1 | Band-tailed Barbthroat | | | <i>Threnetes ruckeri</i> |
| 14 | Green Hermit | 1 | 1 | <i>Phaethornis guy</i> |
| 14 | Long-billed Hermit | 5 | 2 | <i>Phaethornis longirostris</i> |
| 13 | Stripe-throated Hermit | 4 | 4 | <i>Phaethornis striigularis</i> |
| 3 | Brown Violetear | | | <i>Colibri delphinae</i> |
| 12 | Purple-crowned Fairy | 2 | 1 | <i>Heliodytes barroti</i> |
| 6 | Black-throated Mango | 1 | 1 | <i>Anthracothorax nigricollis</i> |
| 3 | Green Thorntail | | | <i>Discosura conversii</i> |
| 1 | Rufous-crested Coquette | | | <i>Lophornis delattrei</i> |
| 7 | Long-billed Starthroat | | | <i>Heliomaster longirostris</i> |
| 5 | Garden Emerald | | | <i>Chlorostilbon assimilis</i> |
| 11 | Violet-headed Hummingbird | 1 | 3 | <i>Klais guimeti</i> |
| 13 | Bronze-tailed Plumeleteer | 1 | 4 | <i>Chalybura urochrysa</i> |
| 13 | White-vented Plumeleteer | 5 | 2 | <i>Chalybura buffonii</i> |
| 14 | Crowned Woodnymph | 1 | 14 | <i>Thalurania columbica</i> |
| 13 | Violet-capped Hummingbird | 1 | 4 | <i>Goldmania violiceps</i> |
| 3 | Scaly-breasted Hummingbird | | | <i>Phaeochroa cuvierii</i> |
| 14 | Snowy-bellied Hummingbird | 5 | 20 | <i>Saucerottia edward</i> |
| 14 | Rufous-tailed Hummingbird | 3 | 9 | <i>Amazilia tzacatl</i> |
| 4 | Sapphire-throated Hummingbird | 2 | 2 | <i>Chrysuronia coeruleogularis</i> |
| 14 | Blue-chested Hummingbird | 5 | 8 | <i>Polyerata amabilis</i> |
| 14 | Violet-bellied Hummingbird | 5 | 14 | <i>Chlorestes julie</i> |
| 11 | Gray-cowled Wood-Rail | 1 | 1 | <i>Aramides cajaneus</i> |
| 10 | Common Gallinule | | | <i>Gallinula galeata</i> |
| 4 | American Coot | | | <i>Fulica americana</i> |
| 13 | Purple Gallinule | 2 | 3 | <i>Porphyryula martinica</i> |
| 14 | White-throated Crake | 1 | 3 | <i>Laterallus albigularis</i> |
| 2 | Limpkin | | | <i>Aramus guarauna</i> |
| 13 | Black-necked Stilt | 1 | 30 | <i>Himantopus mexicanus</i> |
| 3 | American Oystercatcher | | | <i>Haematopus palliatus</i> |
| 14 | Black-bellied Plover | 1 | 25 | <i>Pluvialis squatarola</i> |
| 14 | Southern Lapwing | 4 | 10 | <i>Vanellus chilensis</i> |



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| 2 | Collared Plover | | | <i>Charadrius collaris</i> |
| 4 | Wilson's Plover | 1 | 1 | <i>Charadrius wilsonia</i> |
| 11 | Semipalmated Plover | 1 | 800 | <i>Charadrius semipalmatus</i> |
| 3 | Killdeer | | | <i>Charadrius vociferus</i> |
| 14 | Wattled Jacana | 3 | 14 | <i>Jacana jacana</i> |
| 1 | Upland Sandpiper | | | <i>Bartramia longicauda</i> |
| 14 | Whimbrel | 1 | 20 | <i>Numenius phaeopus</i> |
| 4 | Long-billed Curlew | | | <i>Numenius americanus</i> |
| 12 | Marbled Godwit | 1 | 200 | <i>Limosa fedoa</i> |
| 8 | Ruddy Turnstone | 1 | 5 | <i>Arenaria interpres</i> |
| 1 | Stilt Sandpiper | | | <i>Calidris himantopus</i> |
| 1 | Red Knot | | | <i>Calidris canutus</i> |
| 3 | Sanderling | | | <i>Calidris alba</i> |
| 1 | Dunlin | | | <i>Calidris alpina</i> |
| 7 | Least Sandpiper | 1 | 20 | <i>Calidris minutilla</i> |
| 1 | Pectoral Sandpiper | | | <i>Calidris melanotos</i> |
| 10 | Semipalmated Sandpiper | 1 | 300 | <i>Calidris pusilla</i> |
| 14 | Western Sandpiper | 1 | 1500 | <i>Calidris mauri</i> |
| 14 | Short-billed Dowitcher | 1 | 400 | <i>Limnodromus griseus</i> |
| 3 | Wilson's Snipe | | | <i>Gallinago delicata</i> |
| 14 | Spotted Sandpiper | 3 | 40 | <i>Actitis macularius</i> |
| 1 | Solitary Sandpiper | | | <i>Tringa solitaria</i> |
| 11 | Greater Yellowlegs | 1 | 4 | <i>Tringa melanoleuca</i> |
| 14 | Willet | 1 | 160 | <i>Tringa semipalmatus</i> |
| 4 | Lesser Yellowlegs | | | <i>Tringa flavipes</i> |
| 1 | Pomarine Jaeger | | | <i>Stercorarius pomarinus</i> |
| 1 | Long-tailed Jaeger | | | <i>Stercorarius longicaudus</i> |
| 14 | Laughing Gull | 2 | 400 | <i>Leucophaeus atricilla</i> |
| 9 | Franklin's Gull | 1 | 4 | <i>Leucophaeus pipixcan</i> |
| 2 | Ring-billed Gull | | | <i>Larus delawarensis</i> |
| 3 | Herring Gull | | | <i>Larus argentatus</i> |
| 1 | Lesser Black-backed Gull | | | <i>Larus fuscus</i> |
| 1 | Kelp Gull | | | <i>Larus dominicanus</i> |
| 1 | Brown Noddy | | | <i>Anous stolidus</i> |
| 11 | Gull-billed Tern | 1 | 35 | <i>Gelochelidon nilotica</i> |
| 7 | Caspian Tern | | | <i>Hydroprogne caspia</i> |
| 5 | Black Tern | | | <i>Chlidonias niger</i> |
| 5 | Common Tern | 1 | 1 | <i>Sterna hirundo</i> |
| 1 | Arctic Tern | | | <i>Sterna paradisaea</i> |
| 2 | Forster's Tern | | | <i>Sterna forsteri</i> |
| 12 | Royal Tern | | | <i>Thalasseus maxima</i> |



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|----|----------------------------|---|-----|-----------------------------------|
| 9 | Sandwich Tern | | | <i>Thalasseus sandvicensis</i> |
| 4 | Elegant Tern | | | <i>Thalasseus elegans</i> |
| 4 | Black Skimmer | 1 | 100 | <i>Rynchops niger</i> |
| 1 | Sunbittern | | | <i>Eurypyga helias</i> |
| 8 | Wood Stork | 2 | 15 | <i>Mycteria americana</i> |
| 14 | Magnificent Frigatebird | 3 | 2 | <i>Fregata magnificens</i> |
| 1 | Blue-footed Booby | | | <i>Sula nebouxii</i> |
| 6 | Brown Booby | | | <i>Sula leucogaster</i> |
| 1 | Red-footed Booby | | | <i>Sula sula</i> |
| 9 | Anhinga | 3 | 3 | <i>Anhinga anhinga</i> |
| 14 | Neotropic Cormorant | 1 | 600 | <i>Phalacrocorax brasilianus</i> |
| 3 | American White Pelican | | | <i>Pelecanus erythrorhynchos</i> |
| 14 | Brown Pelican | 2 | 20 | <i>Pelecanus occidentalis</i> |
| 1 | Least Bittern | | | <i>Ixobrychus exilis</i> |
| 14 | Rufescent Tiger-Heron | 3 | 6 | <i>Tigrisoma lineatum</i> |
| 1 | Fasciated Tiger-Heron | | | <i>Tigrisoma fasciatum</i> |
| 14 | Great Blue Heron | 2 | 1 | <i>Ardea herodias</i> |
| 11 | Cocoi Heron | 1 | 3 | <i>Ardea cocoi</i> |
| 14 | Great Egret | 5 | 15 | <i>Ardea alba</i> |
| 14 | Snowy Egret | 1 | 40 | <i>Egretta thula</i> |
| 14 | Little Blue Heron | 3 | 2 | <i>Egretta caerulea</i> |
| 12 | Tricolored Heron | | | <i>Egretta tricolor</i> |
| 14 | Western Cattle Egret | 1 | 2 | <i>Bubulcus ibis</i> |
| 14 | Green Heron | 3 | 2 | <i>Butorides virescens</i> |
| 3 | Striated Heron | | | <i>Butorides striata</i> |
| 1 | Capped Heron | | | <i>Pilherodius pileatus</i> |
| 8 | Black-crowned Night-Heron | 1 | 4 | <i>Nycticorax nycticorax</i> |
| 12 | Yellow-crowned Night-Heron | | | <i>Nyctanassa violacea</i> |
| 14 | Boat-billed Heron | 1 | 1 | <i>Cochlearius cochlearius</i> |
| 9 | White Ibis | | | <i>Eudocimus albus</i> |
| 2 | Roseate Spoonbill | 1 | 1 | <i>Platalea ajaja</i> |
| 8 | King Vulture | | | <i>Sarcoramphus papa</i> |
| 14 | Black Vulture | 6 | 140 | <i>Coragyps atratus</i> |
| 14 | Turkey Vulture | 6 | 600 | <i>Cathartes aura</i> |
| 14 | Osprey | 1 | 1 | <i>Pandion haliaetus</i> |
| 5 | White-tailed Kite | | | <i>Elanus leucurus</i> |
| 13 | Gray-headed Kite | 3 | 2 | <i>Leptodon cayanensis</i> |
| 11 | Black Hawk-Eagle | 1 | 1 | <i>Spizaetus tyrannus</i> |
| 1 | Ornate Hawk-Eagle | | | <i>Spizaetus ornatus</i> |
| 4 | Tiny Hawk | | | <i>Microspizias superciliosus</i> |
| 12 | Snail Kite | 2 | 4 | <i>Rostrhamus sociabilis</i> |



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| 12 | Double-toothed Kite | | | <i>Harpagus bidentatus</i> |
| 2 | Plumbeous Kite | | | <i>Ictinia plumbea</i> |
| 2 | Sharp-shinned Hawk | 1 | 1 | <i>Accipiter striatus</i> |
| 7 | Crane Hawk | 1 | 1 | <i>Geranospiza caerulescens</i> |
| 13 | Common Black Hawk | | | <i>Buteogallus anthracinus</i> |
| 7 | Savannah Hawk | | | <i>Buteogallus meridionalis</i> |
| 8 | Great Black Hawk | | | <i>Buteogallus urubitinga</i> |
| 4 | Roadside Hawk | | | <i>Rupornis magnirostris</i> |
| 9 | White Hawk | | | <i>Pseudastur albicollis</i> |
| 4 | Semiplumbeous Hawk | | | <i>Leucopternis semiplumbeus</i> |
| 10 | Gray-lined Hawk | | | <i>Buteo nitidus</i> |
| 14 | Broad-winged Hawk | 3 | 3 | <i>Buteo platypterus</i> |
| 14 | Short-tailed Hawk | 2 | 1 | <i>Buteo brachyurus</i> |
| 9 | Swainson's Hawk | 1 | 6 | <i>Buteo swainsoni</i> |
| 6 | Zone-tailed Hawk | 2 | 1 | <i>Buteo albonotatus</i> |
| 3 | Choco Screech-Owl | | | <i>Megascops centralis</i> |
| 6 | Spectacled Owl | | | <i>Pulsatrix perspicillata</i> |
| 5 | Black-and-white Owl | 2 | 1 | <i>Ciccaba nigrolineata</i> |
| 14 | Slaty-tailed Trogon | 4 | 3 | <i>Trogon messena</i> |
| 10 | Black-tailed Trogon | 2 | 2 | <i>Trogon melanurus</i> |
| 13 | White-tailed Trogon | | | <i>Trogon chionurus</i> |
| 14 | Gartered Trogon | 2 | 1 | <i>Trogon caligatus</i> |
| 14 | Northern Black-throated Trogon | 1 | 2 | <i>Trogon tenellus</i> |
| 1 | Tody Motmot | | | <i>Hylomanes momotula</i> |
| 13 | Whooping Motmot | | | <i>Momotus subrufescens</i> |
| 14 | Rufous Motmot | 2 | 2 | <i>Baryphthengus martii</i> |
| 14 | Broad-billed Motmot | 2 | 3 | <i>Electron platyrhynchum</i> |
| 13 | Ringed Kingfisher | 3 | 1 | <i>Megaceryle torquata</i> |
| 6 | Belted Kingfisher | | | <i>Megaceryle alcyon</i> |
| 11 | Amazon Kingfisher | 1 | 2 | <i>Chloroceryle amazona</i> |
| 8 | American Pygmy Kingfisher | | | <i>Chloroceryle aenea</i> |
| 14 | Green Kingfisher | 1 | 1 | <i>Chloroceryle americana</i> |
| 12 | White-necked Puffbird | 2 | 3 | <i>Notharchus hyperrhynchus</i> |
| 14 | Black-breasted Puffbird | 3 | 5 | <i>Notharchus pectoralis</i> |
| 14 | Pied Puffbird | 1 | 2 | <i>Notharchus tectus</i> |
| 14 | White-whiskered Puffbird | 3 | 2 | <i>Malacoptila panamensis</i> |
| 8 | Great Jacamar | 1 | 1 | H <i>Jacamerops aureus</i> |
| 10 | Spot-crowned Barbet | | | <i>Capito maculicoronatus</i> |
| 2 | Northern Emerald Toucanet | | | <i>Aulacorhynchus prasinus</i> |
| 14 | Collared Aracari | 2 | 4 | <i>Pteroglossus torquatus</i> |
| 4 | Yellow-eared Toucanet | | | <i>Selenidera spectabilis</i> |



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|----|--------------------------------|---|----|---|---------------------------------------|
| 13 | Yellow-throated Toucan | | | | <i>Ramphastos ambiguus swainsonii</i> |
| 14 | Keel-billed Toucan | 5 | 10 | | <i>Ramphastos sulfuratus</i> |
| 2 | Olivaceous Piculet | | | | <i>Picumnus olivaceus</i> |
| 14 | Black-cheeked Woodpecker | 3 | 3 | | <i>Melanerpes pucherani</i> |
| 14 | Red-crowned Woodpecker | 4 | 6 | | <i>Melanerpes rubricapillus</i> |
| 12 | Crimson-crested Woodpecker | 2 | 1 | | <i>Campephilus melanoleucos</i> |
| 14 | Lineated Woodpecker | 1 | 1 | | <i>Dryocopus lineatus</i> |
| 14 | Cinnamon Woodpecker | 3 | 2 | | <i>Celeus loricatus</i> |
| 9 | Stripe-cheeked Woodpecker | 1 | 1 | | <i>Piculus collopterus</i> |
| 2 | Laughing Falcon | 1 | 1 | | <i>Herpetotheres cachinnans</i> |
| 10 | Collared Forest-Falcon | 1 | 1 | | <i>Micrastur semitorquatus</i> |
| 7 | Slaty-backed Forest-Falcon | 1 | 1 | | <i>Micrastur mirandollei</i> |
| 11 | Crested Caracara | 2 | 1 | | <i>Caracara plancus</i> |
| 14 | Yellow-headed Caracara | 3 | 3 | | <i>Milvago chimachima</i> |
| 12 | American Kestrel | | | | <i>Falco sparverius</i> |
| 5 | Merlin | | | | <i>Falco columbarius</i> |
| 9 | Bat Falcon | 2 | 1 | | <i>Falco rufigularis</i> |
| 10 | Peregrine Falcon | | | | <i>Falco peregrinus</i> |
| 2 | Blue-fronted Parrotlet | | | | <i>Touit dilectissimus</i> |
| 14 | Orange-chinned Parakeet | 3 | 18 | | <i>Brotogeris jugularis</i> |
| 13 | Brown-hooded Parrot | 3 | 7 | | <i>Pyrilia haematotis</i> |
| 14 | Blue-headed Parrot | | | | <i>Pionus menstrus</i> |
| 14 | Red-lored Parrot | 4 | 55 | | <i>Amazona autumnalis</i> |
| 8 | Yellow-crowned Parrot | | | | <i>Amazona ochrocephala</i> |
| 14 | Mealy Parrot | 2 | 4 | | <i>Amazona farinosa</i> |
| 14 | Fasciated Antshrike | 4 | 8 | | <i>Cymbilaimus lineatus</i> |
| 9 | Great Antshrike | 1 | 1 | H | <i>Taraba major</i> |
| 13 | Barred Antshrike | 2 | 3 | | <i>Thamnophilus doliatus</i> |
| 14 | Black-crowned Antshrike | 5 | 7 | | <i>Thamnophilus atrinucha</i> |
| 12 | Spot-crowned Antwreio | 1 | 4 | | <i>Dysithamnus puncticeps</i> |
| 14 | Checker-throated Stipplethroat | 5 | 12 | | <i>Epinecophylla fulviventris</i> |
| 4 | Moustached Antwren | 1 | 1 | | <i>Myrmotherula ignota</i> |
| 9 | Pacific Antwren | | | | <i>Myrmotherula pacifica</i> |
| 14 | White-flanked Antwren | 2 | 10 | | <i>Myrmotherula axillaris</i> |
| 14 | Dot-winged Antwren | 4 | 8 | | <i>Microrhopias quixensis</i> |
| 14 | Dusky Antbird | 2 | 4 | | <i>Cercomacra tyrannina</i> |
| 13 | Jet Antbird | 1 | 2 | | <i>Cercomacra nigricans</i> |
| 1 | Bare-crowned Antbird | | | | <i>Gymnocichla nudiceps</i> |
| 14 | White-bellied Antbird | 2 | 2 | H | <i>Myrmeciza longipes</i> |
| 14 | Chestnut-backed Antbird | 1 | 2 | | <i>Poliocrania exsul</i> |
| 13 | Bicolored Antbird | 3 | 8 | | <i>Gymnopathys bicolor</i> |



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|----|--------------------------------|---|----|---|------------------------------------|
| 14 | Spotted Antbird | 3 | 3 | | <i>Hylophylax naevoides</i> |
| 9 | Ocellated Antbird | 1 | 4 | | <i>Phaenostictus mcleannani</i> |
| 14 | Streak-chested Antpitta | 1 | 2 | H | <i>Hylopezus perspicillatus</i> |
| 13 | Black-faced Antthrush | 1 | 2 | H | <i>Formicarius analis</i> |
| 10 | Scaly-throated Leaf-tosser | 1 | 1 | | <i>Sclerurus guatemalensis</i> |
| 12 | Olivaceous Woodcreeper | 2 | 1 | | <i>Sittasomus griseicapillus</i> |
| 1 | Long-tailed Woodcreeper | | | | <i>Deconychura longicauda</i> |
| 2 | Ruddy Woodcreeper | 1 | 2 | | <i>Dendrocincla homochroa</i> |
| 14 | Plain-brown Woodcreeper | 3 | 4 | | <i>Dendrocincla fuliginosa</i> |
| 12 | Northern Barred Woodcreeper | 2 | 2 | | <i>Dendrocolaptes sanctithomae</i> |
| 14 | Cocoa Woodcreeper | 5 | 7 | | <i>Xiphorhynchus susurrans</i> |
| 11 | Black-striped Woodcreeper | 1 | 2 | | <i>Xiphorhynchus lachrymosus</i> |
| 2 | Spotted Woodcreeper | | | | <i>Xiphorhynchus erythropygius</i> |
| 3 | Streak-headed Woodcreeper | 1 | 1 | | <i>Lepidocolaptes souleyetii</i> |
| 14 | Plain Xenops | 3 | 3 | | <i>Xenops minutus</i> |
| 2 | Buff-throated Foliage-gleaner | | | | <i>Automolus ochrolaemus</i> |
| 4 | Lance-tailed Manakin | 1 | 1 | | <i>Chiroxiphia lanceolata</i> |
| 10 | White-ruffed Manakin | 1 | 3 | | <i>Corapipo altera</i> |
| 14 | Velvety (Blue-crowned) Manakin | 4 | 8 | | <i>Lepidothrix velutina</i> |
| 13 | Golden-collared Manakin | 3 | 3 | | <i>Manacus vitellinus</i> |
| 14 | Red-capped Manakin | 6 | 3 | | <i>Ceratopipra mentalis</i> |
| 14 | Purple-throated Fruitcrow | 2 | 11 | | <i>Querula purpurata</i> |
| 12 | Blue Cotinga | 3 | 4 | | <i>Cotinga nattererii</i> |
| 9 | Black-crowned Tityra | 1 | 2 | | <i>Tityra inquisitor</i> |
| 13 | Masked Tityra | 4 | 2 | | <i>Tityra semifasciata</i> |
| 1 | Northern Schiffornis | | | | <i>Schiffornis veraepacis</i> |
| 2 | Russet-winged Schiffornis | | | | <i>Schiffornis stenorhyncha</i> |
| 2 | Speckled Mourner | 1 | 1 | | <i>Laniocera rufescens</i> |
| 11 | Cinnamon Becard | 2 | 1 | | <i>Pachyramphus cinnamomeus</i> |
| 10 | White-winged Becard | 1 | 1 | | <i>Pachyramphus polychopterus</i> |
| 1 | Royal Flycatcher | | | | <i>Onychorhynchus coronatus</i> |
| 14 | Ruddy-tailed Flycatcher | 1 | 3 | | <i>Terenotriccus erythrurus</i> |
| 4 | Sulphur-rumped Flycatcher | | | | <i>Myiobius sulphureipygius</i> |
| 3 | Black-tailed Flycatcher | | | | <i>Myiobius atricaudus</i> |
| 10 | Golden-crowned Spadebill | 1 | 2 | | <i>Platyrinchus coronatus</i> |
| 4 | Olive-striped Flycatcher | 1 | 2 | | <i>Mionectes galbinus</i> |
| 13 | Ochre-bellied Flycatcher | 3 | 2 | | <i>Mionectes oleagineus</i> |
| 3 | Yellow-green Tyrannulet | | | | <i>Phylloscartes flavovirens</i> |
| 11 | Black-capped Pygmy-Tyrant | 1 | 2 | | <i>Myiornis atricapillus</i> |
| 9 | Scale-crested Pygmy-Tyrant | 1 | 1 | | <i>Lophotriccus pileatus</i> |
| 14 | Southern Bentbill | 4 | 2 | | <i>Oncostoma olivaceum</i> |



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|----|-------------------------------|---|----|-------------------------------------|
| 13 | Common Tody-Flycatcher | 4 | 3 | <i>Todirostrum cinereum</i> |
| 11 | Black-headed Tody-Flycatcher | | | <i>Todirostrum nigriceps</i> |
| 5 | Brownish Twistwing | | | <i>Cnipodectes subbrunneus</i> |
| 14 | Western Olivaceous Flatbill | 3 | 3 | <i>Rhynchocyclus aequinoctialis</i> |
| 9 | Yellow-olive Flatbill | 4 | 2 | <i>Tomolmyias sulphurescens</i> |
| 13 | Yellow-winged Flatbill | 2 | 2 | <i>Tolmomyias flavotectus</i> |
| 14 | Brown-capped Tyrannulet | 3 | 3 | <i>Ornithion brunneicapillus</i> |
| 12 | Southern Beardless-Tyrannulet | 1 | 1 | <i>Camptostoma obsoletum</i> |
| 7 | Yellow Tyrannulet | | | <i>Capsiempis flaveola</i> |
| 12 | Yellow-crowned Tyrannulet | 3 | 3 | <i>Tyrannulus elatus</i> |
| 14 | Forest Elaenia | 3 | 6 | <i>Myiopagis gaimardii</i> |
| 1 | Greenish Elaenia | 1 | 3 | <i>Myiopagis viridicta</i> |
| 4 | Choco (Gray) Elaenia | | | <i>Myiopagis parambae</i> |
| 12 | Yellow-bellied Elaenia | 1 | 2 | <i>Elaenia flavogaster</i> |
| 11 | Mistletoe Tyrannulet | 3 | 3 | <i>Zimmerius parvus</i> |
| 2 | Olive-sided Flycatcher | | | <i>Contopus cooperi</i> |
| 8 | Northern Tropical Pewee | 1 | 1 | <i>Contopus bogotensis</i> |
| 14 | Eastern Wood-Pewee | 5 | 7 | <i>Contopus virens</i> |
| 14 | Acadian Flycatcher | 4 | 2 | <i>Empidonax virescens</i> |
| 1 | Willow Flycatcher | | | <i>Empidonax traillii</i> |
| 10 | Black Phoebe | | | <i>Sayornis nigricans</i> |
| 2 | Long-tailed Tyrant | | | <i>Colonia colonus</i> |
| 10 | Bright-rumped Attila | | | <i>Attila spadiceus</i> |
| 10 | Rufous Mourner | 1 | 1 | <i>Rhytipterna holerythra</i> |
| 14 | Dusky-capped Flycatcher | 4 | 2 | <i>Myiarchus tuberculifer</i> |
| 14 | Panama Flycatcher | 1 | 1 | <i>Myiarchus panamensis</i> |
| 14 | Great Crested Flycatcher | 1 | 1 | <i>Myiarchus crinitus</i> |
| 14 | Lesser Kiskadee | 2 | 3 | <i>Pitangus lictor</i> |
| 14 | Great Kiskadee | 2 | 2 | <i>Pitangus sulphuratus</i> |
| 13 | Boat-billed Flycatcher | 1 | 2 | <i>Megarhynchus pitangua</i> |
| 14 | Rusty-margined Flycatcher | 4 | 8 | <i>Myiozetetes cayanensis</i> |
| 14 | Social Flycatcher | 5 | 7 | <i>Myiozetetes similis</i> |
| 6 | Gray-capped Flycatcher | | | <i>Myiozetetes granadensis</i> |
| 14 | Streaked Flycatcher | 2 | 1 | <i>Myiodynastes maculatus</i> |
| 14 | Tropical Kingbird | 5 | 18 | <i>Tyrannus melancholicus</i> |
| 1 | Gray Kingbird | | | <i>Tyrannus dominicensis</i> |
| 10 | Fork-tailed Flycatcher | | | <i>Tyrannus savana</i> |
| 12 | Scrub Greenlet | 2 | 1 | H <i>Hylophilus flavipes</i> |
| 14 | Green Shrike-Vireo | 2 | 4 | <i>Vireolanius pulchellus</i> |
| 14 | Lesser Greenlet | 5 | 6 | <i>Hylophilus decurtatus</i> |
| 11 | Golden-fronted Greenlet | 2 | 4 | <i>Hylophilus aurantiifrons</i> |



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|----|-------------------------------|---|----|---|-------------------------------------|
| 6 | Yellow-throated Vireo | 5 | 1 | | <i>Vireo flavifrons</i> |
| 1 | Philadelphia Vireo | | | | <i>Vireo philadelphicus</i> |
| 8 | Red-eyed Vireo | 2 | 1 | | <i>Vireo olivaceus</i> |
| 7 | Black-chested Jay | 2 | 3 | | <i>Cyanocorax affinis</i> |
| 4 | Northern Rough-winged Swallow | | | | <i>Stelgidopteryx serripennis</i> |
| 14 | Southern Rough-winged Swallow | 3 | 8 | | <i>Stelgidopteryx ruficollis</i> |
| 1 | Purple Martin | | | | <i>Progne subis</i> |
| 14 | Gray-breasted Martin | 3 | 30 | | <i>Progne chalybea</i> |
| 4 | Tree Swallow | | | | <i>Tachycineta bicolor</i> |
| 14 | Mangrove Swallow | 3 | 6 | | <i>Tachycineta albilinea</i> |
| 14 | Barn Swallow | 3 | 50 | | <i>Hirundo rustica</i> |
| 4 | Tawny-faced Gnatwren | | | | <i>Microbates cinereiventris</i> |
| 14 | Long-billed Gnatwren | 1 | 1 | | <i>Ramphocaenus melanurus</i> |
| 14 | White-browed Gnatcatcher | 5 | 4 | | <i>Polioptila bilineata</i> |
| 14 | Scaly-breasted Wren | 1 | 1 | H | <i>Microcerculus marginatus</i> |
| 14 | Southern (House) Wren | 3 | 4 | | <i>Troglodytes aedon musculus</i> |
| 11 | White-headed Wren | | | | <i>Campylorhynchus albobrunneus</i> |
| 11 | Black-bellied Wren | 3 | 2 | | <i>Thryothorus fasciatoventris</i> |
| 6 | Rufous-breasted Wren | 2 | 6 | | <i>Thryothorus rutilus</i> |
| 3 | Rufous-and-white Wren | 1 | 1 | H | <i>Thryophilus rufalbus</i> |
| 14 | Isthmian Wren | 1 | 1 | | <i>Cantorchilus elutus</i> |
| 8 | Bay Wren | | | | <i>Cantorchilus nigricapillus</i> |
| 11 | Buff-breasted Wren | 1 | 1 | | <i>Cantorchilus leucotis</i> |
| 14 | White-breasted Wood-Wren | 2 | 5 | | <i>Henicorhina leucosticta</i> |
| 14 | Song Wren | 2 | 2 | | <i>Cyphorhinus phaeocephalus</i> |
| 14 | Tropical Mockingbird | 4 | 3 | | <i>Mimus gilvus</i> |
| 1 | Veery | | | | <i>Catharus fuscescens</i> |
| 7 | Gray-cheeked Thrush | | | | <i>Catharus minimus</i> |
| 12 | Swainson's Thrush | 2 | 1 | | <i>Catharus ustulatus</i> |
| 14 | Clay-colored Robin | 5 | 6 | | <i>Turdus grayi</i> |
| 7 | House Sparrow | | | | <i>Passer domesticus</i> |
| 9 | Yellow-crowned Euphonia | | | | <i>Euphonia luteicapilla</i> |
| 2 | White-vented Euphonia | | | | <i>Euphonia minuta</i> |
| 13 | Thick-billed Euphonia | 2 | 12 | | <i>Euphonia laniirostris</i> |
| 14 | Fulvous-vented Euphonia | 6 | 4 | | <i>Euphonia fulvicrissa</i> |
| 7 | Tawny-capped Euphonia | 1 | 2 | | <i>Euphonia annaea</i> |
| 5 | Lesser Goldfinch | 1 | 2 | | <i>Spinus psaltria</i> |
| 8 | Rosy Thrush-Tanager | 1 | 3 | | <i>Rhodinocichla rosea</i> |
| 9 | Black-striped Sparrow | | | | <i>Arremonops conirostris</i> |
| 5 | Orange-billed Sparrow | | | | <i>Arremon aurantiirostris</i> |
| 11 | Red-breasted Meadowlark | | | | <i>Sturnella militaris</i> |



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|----|----------------------------|---|----|---------------------------------|
| 7 | Yellow-billed Cacique | | | <i>Amblycercus holosericeus</i> |
| 5 | Crested Oropendola | | | <i>Psarocolius decumanus</i> |
| 12 | Chestnut-headed Oropendola | 1 | 1 | <i>Psarocolius wagleri</i> |
| 1 | Montezuma Oropendola | | | <i>Psarocolius montezuma</i> |
| 14 | Scarlet-rumped Cacique | 3 | 11 | <i>Cacicus uropygialis</i> |
| 14 | Yellow-rumped Cacique | 2 | 3 | <i>Cacicus cela</i> |
| 8 | Orchard Oriole | | | <i>Icterus spurius</i> |
| 14 | Yellow-backed Oriole | 4 | 3 | <i>Icterus chrysater</i> |
| 11 | Yellow-tailed Oriole | 1 | 2 | <i>Icterus mesomelas</i> |
| 14 | Baltimore Oriole | 4 | 3 | <i>Icterus galbula</i> |
| 2 | Giant Cowbird | | | <i>Molothrus oryzivorus</i> |
| 14 | Great-tailed Grackle | 3 | 30 | <i>Quiscalus mexicanus</i> |
| 3 | Louisiana Waterthrush | 1 | 1 | <i>Parkesia motacilla</i> |
| 14 | Northern Waterthrush | 4 | 3 | <i>Parkesia noveboracensis</i> |
| 9 | Golden-winged Warbler | 2 | 2 | <i>Vermivora chrysoptera</i> |
| 4 | Blue-winged Warbler | | | <i>Vermivora cyanoptera</i> |
| 14 | Black-and-white Warbler | 2 | 1 | <i>Mniotilta varia</i> |
| 14 | Prothonotary Warbler | 2 | 2 | <i>Protonotaria citrea</i> |
| 14 | Tennessee Warbler | 5 | 8 | <i>Oreothlypis peregrina</i> |
| 13 | Mourning Warbler | 1 | 1 | <i>Geothlypis philadelphia</i> |
| 10 | Kentucky Warbler | | | <i>Geothlypis formosa</i> |
| 3 | Common Yellowthroat | | | <i>Geothlypis trichas</i> |
| 12 | American Redstart | 2 | 2 | <i>Setophaga ruticilla</i> |
| 6 | Magnolia Warbler | 2 | 1 | <i>Setophaga magnolia</i> |
| 14 | Bay-breasted Warbler | 6 | 13 | <i>Setophaga castanea</i> |
| 2 | Blackburnian Warbler | 2 | 2 | <i>Setophaga fusca</i> |
| 14 | Yellow Warbler | 4 | 10 | <i>Setophaga petechia</i> |
| 5 | Yellow (Mangrove) Warbler | | | <i>Setophaga petechia</i> |
| 14 | Chestnut-sided Warbler | 5 | 6 | <i>Setophaga pensylvanica</i> |
| 1 | Palm Warbler | | | <i>Setophaga palmarum</i> |
| 1 | Yellow-rumped Warbler | | | <i>Setophaga coronata</i> |
| 12 | Chestnut-capped Warbler | 2 | 2 | <i>Basileuterus delatryi</i> |
| 1 | Buff-rumped Warbler | | | <i>Phaeothlypis fulvicauda</i> |
| 1 | Canada Warbler | | | <i>Cardellina canadensis</i> |
| 1 | Wilson's Warbler | | | <i>Cardellina pusilla</i> |
| 3 | Dusky-faced Tanager | | | <i>Mitrospingus cassinii</i> |
| 10 | Hepatic (Highland) Tanager | 1 | 5 | <i>Piranga flava lutea</i> |
| 14 | Summer Tanager | 6 | 3 | <i>Piranga rubra</i> |
| 7 | Scarlet Tanager | 2 | 1 | <i>Piranga olivacea</i> |
| 14 | Red-throated Ant-Tanager | 2 | 10 | <i>Habia fuscicauda</i> |
| 1 | Red-crowned Ant-Tanager | 1 | 6 | <i>Habia rubica</i> |



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|----|------------------------------|---|----|----------------------------------|
| 4 | Carmioli's Tanager | | | <i>Chlorothaupis carmioli</i> |
| 6 | Rose-breasted Grosbeak | 2 | 1 | <i>Pheucticus ludovicianus</i> |
| 9 | Blue-black Grosbeak | 1 | 1 | <i>Cyanoloxia cyanoides</i> |
| 1 | Blue Grosbeak | | | <i>Passerina caerulea</i> |
| 4 | Indigo Bunting | 1 | 1 | <i>Passerina cyanea</i> |
| 1 | Painted Bunting | | | <i>Passerina ciris</i> |
| 12 | Gray-headed Tanager | 4 | 12 | <i>Eucometis penicillata</i> |
| 14 | White-shouldered Tanager | 5 | 16 | <i>Loriotus luctuosus</i> |
| 11 | Flame (Lemon)-rumped Tanager | 1 | 2 | <i>Ramphocelus flammigerus</i> |
| 14 | Crimson-backed Tanager | 5 | 10 | <i>Ramphocelus dimidiatus</i> |
| 14 | Blue-Gray Tanager | 4 | 9 | <i>Thraupis episcopus</i> |
| 14 | Palm Tanager | 6 | 20 | <i>Thraupis palmarum</i> |
| 8 | Speckled Tanager | 1 | 2 | <i>Ixothraupis guttata</i> |
| 14 | Golden-hooded Tanager | 4 | 7 | <i>Stilpnia larvata</i> |
| 14 | Plain-colored Tanager | 3 | 8 | <i>Tangara inornata</i> |
| 9 | Rufous-winged Tanager | 1 | 2 | <i>Tangara lavinia</i> |
| 14 | Bay-headed Tanager | 1 | 12 | <i>Tangara gyrola</i> |
| 11 | Emerald Tanager | 1 | 4 | <i>Tangara florida</i> |
| 5 | Scarlet-thighed Dacnis | | | <i>Dacnis venusta</i> |
| 14 | Blue Dacnis | 5 | 8 | <i>Dacnis cayana</i> |
| 14 | Shining Honeycreeper | 2 | 12 | <i>Cyanerpes lucides</i> |
| 14 | Red-legged Honeycreeper | 1 | 10 | <i>Cyanerpes cyaneus</i> |
| 13 | Green Honeycreeper | 6 | 6 | <i>Chlorophanes spiza</i> |
| 7 | Black-and-Yellow Tanager | | | <i>Chrysothlypis chrysomelas</i> |
| 10 | Saffron Finch | | | <i>Sicalis flaveola</i> |
| 13 | Blue-black Grassquit | 1 | 1 | <i>Volatinia jacarina</i> |
| 2 | Ruddy-breasted Seedeater | | | <i>Sporophila minuta</i> |
| 10 | Thick-billed Seed-Finch | | | <i>Sporophila funerea</i> |
| 14 | Variable Seedeater | 5 | 10 | <i>Sporophila corvina</i> |
| 7 | Yellow-bellied Seedeater | | | <i>Sporophila nigricollis</i> |
| 1 | Slate-colored Seedeater | | | <i>Sporophila schistacea</i> |
| 14 | Bananaquit | 1 | 4 | <i>Coereba flaveola</i> |
| 14 | Yellow-faced Grassquit | 1 | 8 | <i>Tiaris olivaceus</i> |
| 14 | Buff-throated Saltator | 1 | 2 | <i>Saltator maximus</i> |
| 5 | Black-headed Saltator | | | <i>Saltator atriceps</i> |
| 11 | Streaked Saltator | | | <i>Saltator striatipectus</i> |
| 5 | Slate-colored Grosbeak | | | <i>Saltator grossus</i> |

MAMMALS



| | | | | |
|--------------------------------|---------------------------------|---|---|----------------------------------|
| 7 | Central American Wooly Opossum | | | <i>Caluromys derbianus</i> |
| 6 | Common Opossum | | | <i>Didelphis marsupialis</i> |
| 14 | Brown-throated Three-toed Sloth | 5 | X | <i>Bradypus variegatus</i> |
| 12 | Hoffmann's Two-toed Sloth | 1 | X | <i>Choloepus hoffmanni</i> |
| 5 | Northern Tamandua | 2 | X | <i>Tamandua mexicana</i> |
| 1 | Northern Silky Anteater | | | <i>Cyclopes dorsalis</i> |
| 4 | Nine-banded Armadillo | | | <i>Dasybus novemcinctus</i> |
| 7 | Spectral Bat | 1 | X | <i>Vampyrum spectrum</i> |
| 2 | Greater Bulldog Bat | | | <i>Noctilio leporinus</i> |
| 11 | Lesser White-lined Bat | 1 | X | <i>Saccopteryx leptura</i> |
| 9 | Pallas's Mastiff Bat | | | <i>Molossus molossus</i> |
| 13 | Geoffroy's Tamarin | 4 | X | <i>Saguninus geoffroyi</i> |
| 13 | White-faced Capuchin | 2 | X | <i>Cebus imitator</i> |
| 14 | Mantled Howler Monkey | 5 | X | <i>Alouatta palliata</i> |
| 2 | Central American Spider Monkey | | | <i>Ateles geoffroyi</i> |
| 6 | Western Night Monkey | | | <i>Aotus zonalis</i> |
| 1 | Alfaro's Pgymy Squirrel | | | <i>Microsciurus alfari</i> |
| 14 | Variiegated Squirrel | 1 | X | <i>Sciurus variegatoides</i> |
| 14 | Red-tailed Squirrel | 2 | X | <i>Sciurus granatensis</i> |
| 3 | Rufous Tree-Rat | | | <i>Diplomys labialis</i> |
| 1 | Fulvous Pygmy Rat | | | <i>Oligoryzomys fulvescens</i> |
| 2 | Andean (Rothschild's) Porcupine | | | <i>Coendou quichua</i> |
| 5 | Lesser Capybara | | | <i>Hydrochaeris isthmius</i> |
| 14 | Central American Agouti | 4 | X | <i>Dasyprocta punctata</i> |
| 2 | Lowland Paca | | | <i>Cuniculus paca</i> |
| 7 | Forest Rabbit | | | <i>Sylvilagus brasilianus</i> |
| 1 | Ocelot | | | <i>Leopardus pardalis</i> |
| 14 | White-nosed Coati | 3 | X | <i>Nasua narica</i> |
| 5 | Kinkajou | 1 | X | <i>Potos flavus</i> |
| 7 | Western Lowland Olingo | 3 | X | <i>Bassaricyon medius</i> |
| 1 | White-tailed Deer | 1 | X | <i>Odocoileus virginianus</i> |
| 1 | Collared Peccary | | | <i>Pecari tajacu</i> |
| AMPHIBIANS AND REPTILES | | | | |
| 1 | Yellow-headed Caecilian | | | <i>Oscacaecilia ochrocephala</i> |
| 14 | Forest Toad | 1 | X | <i>Rhinella alata</i> |
| 1 | Cane Toad | | | <i>Rhinella horribilis</i> |
| 4 | Common Tink Frog | | | <i>Diasporus diastema</i> |
| 11 | Caribbean Ditch Frog | | | <i>Leptodactylus insularum</i> |
| 2 | Brilliant Forest Frog | | | <i>Lithobates warszewitschii</i> |
| 6 | Rainforest Rocket-Frog | | | <i>Silverstoneia flator</i> |



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|--------------------|----------------------------------|---|---|---|--------------------------------------|
| 3 | Green-and-Black Dart Frog | | | | <i>Dendrobates auratus</i> |
| 12 | Tungara Frog | 2 | X | H | <i>Engystomops pustulosus</i> |
| 2 | Black River Turtle | | | | <i>Rhinoclemmys funerea</i> |
| 12 | Mesoamerican Slider | 2 | X | | <i>Trachemys venusta</i> |
| 8 | Spectacled Caiman | 1 | X | | <i>Caiman crocodylus</i> |
| 10 | American Crocodile | 1 | X | | <i>Crocodylus acutus</i> |
| 11 | Yellow-headed Gecko | 2 | X | | <i>Gonatodes albogularis</i> |
| 14 | Asian House Gecko | 5 | X | | <i>Hemidactylus frenatus</i> |
| 5 | Mourning Gecko | | | | <i>Lepidodactylus lugubris</i> |
| 2 | Northern Turnip-tailed Gecko | 1 | X | | <i>Thecadactylus rapicauda</i> |
| 4 | Brown Anole | | | | <i>Anolis sagrei</i> |
| 12 | Panama City Anole | 1 | X | | <i>Anolis apletophallus</i> |
| 4 | Dusky Giant Ameiva | | | | <i>Ameiva praesignis</i> |
| 5 | Central American Ameiva | 1 | X | | <i>Holcosus festivus</i> |
| 4 | Delicate Ameiva | | | | <i>Holcosus leptophrys</i> |
| 12 | Common Basilisk | 3 | X | | <i>Basilliscus basilliscus</i> |
| 14 | Green Iguana | 2 | X | | <i>Iguana iguana</i> |
| 4 | Spiny-tailed Iguana | 1 | X | | <i>Ctenosaurus smilis</i> |
| 5 | Central American Boa Constrictor | | | | <i>Boa imperator</i> |
| 1 | Linnaeus' Sipo | | | | <i>Chironius exoletus</i> |
| 2 | Tiger Rat Snake | | | | <i>Spilotes pullatus</i> |
| 1 | Brown Groundsnake | | | | <i>Coniophanes fissidens</i> |
| 1 | Fire-bellied Snake | | | | <i>Erythrolamprus epinephalus</i> |
| 1 | Central American Coral Snake | | | | <i>Micrurus nigrocinctus</i> |
| 1 | Fer de Lance | | | | <i>Bothrops asper</i> |
| FISHES | | | | | |
| 3 | Gill's Molly | 1 | X | | <i>Poecilia gillii</i> |
| 4 | Redfin Tetra | 2 | X | | <i>Astyanax ruberrimus</i> |
| 4 | Medusa Tetra | 1 | X | | <i>Compsura gorgonae</i> |
| 1 | Small-scaled Wolf Fish | | | | <i>Hoplias microlepis</i> |
| 3 | Panama Saltuna | 1 | X | | <i>Piabucina panamensis</i> |
| 3 | Blue-spotted Cichlid | 1 | X | | <i>Andinoacara coeruleopunctatus</i> |
| 1 | Black-belt Cichlid | 1 | X | | <i>Vieja maculicauda</i> |
| BUTTERFLIES | | | | | |
| 4 | Polydamus Swallowtail | 1 | X | | <i>Battus polydamas</i> |



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|----|------------------------------|---|---|--------------------------------|
| 7 | Thoas Swallowtail | | | <i>Heraclides thoas</i> |
| 1 | Short-lined Kite Swallowtail | | | <i>Protographium agesilaus</i> |
| 9 | Green-celled Cattleheart | | | <i>Parides childrenae</i> |
| 7 | Emerald-patched Cattleheart | | | <i>Parides sesotris</i> |
| 2 | Pink-checked Cattleheart | | | <i>Parides eurimedes</i> |
| 1 | Cattleheart White | | | <i>Archonias brassolis</i> |
| 2 | Orange-barred Sulphur | | | <i>Phoebis philea</i> |
| 6 | Cloudless Sulphur | | | <i>Phoebis sennae</i> |
| 2 | Mimosa Yellow | | | <i>Eurema nise</i> |
| 11 | Apricot Sulphur | 2 | X | <i>Phoebus argante</i> |
| 2 | Tailed Orange | | | <i>Pyrisitia proterpia</i> |

BUTTERFLIES - Metalmarks

| | | | | |
|---|---------------------------|---|---|-----------------------------|
| 2 | Regal Hairstreak | | | <i>Evenus regalis</i> |
| 1 | Bates' Hairstreak | | | <i>Evenus batesii</i> |
| 2 | Imperial Arcas | | | <i>Arcas imperialis</i> |
| 1 | Mexican Arcas | | | <i>Arcas cypria</i> |
| 1 | Northern Chorinea | 1 | X | <i>Chorinea bogota</i> |
| 5 | Togarna Stripestreak | | | <i>Arawacus togarna</i> |
| 4 | Purple Washed Eyemark | | | <i>Mesosemia lamachus</i> |
| 2 | Blue-winged Sheenmark | | | <i>Eurybia lycisca</i> |
| 2 | Great Eurybia | | | <i>Eurybia patrona</i> |
| 1 | Blind Eurybia | | | <i>Eurybia elvina</i> |
| 1 | Cherry-bordered Metalmark | | | <i>Lyropteryx lyra</i> |
| 2 | Inca Metalmark | | | <i>Ancyluris inca</i> |
| 1 | Two-orange Metalmark | | | <i>Notheme erota</i> |
| 1 | Orange-bellied Metalmark | | | <i>Brachyglenis dodone</i> |
| 3 | Nesea Metalmark | | | <i>Baeotis nesaea</i> |
| 1 | Caryatis Metalmark | | | <i>Detritivora caryatis</i> |
| 1 | White-spotted Tanmark | | | <i>Emesis aurimna</i> |
| 1 | Orange-striped Tanmark | | | <i>Emesis cypria</i> |
| 3 | White-patched Emesis | | | <i>Emesis lucinda</i> |

BUTTERFLIES - Brushfoots

| | | | | |
|----|---------------------------|---|---|----------------------------|
| 5 | Blue-and-White Heliconian | 1 | X | <i>Heliconius sapho</i> |
| 8 | Sara Heliconian | | | <i>Heliconius sara</i> |
| 13 | Erato Heliconian | 2 | X | <i>Heliconius erato</i> |
| 8 | Tiger Heliconian | | | <i>Heliconius ismenius</i> |
| 12 | Julia | 1 | X | <i>Dryas julia</i> |
| 1 | Scarce Bamboo Page | | | <i>Philaethria dido</i> |
| 12 | Malachite | 1 | X | <i>Siproeta stelenes</i> |



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|----|---------------------------|---|---|----------------------------------|
| 3 | Pale Bluewing | | | <i>Myscelia leucocyana</i> |
| 5 | Confusing Tigerwing | | | <i>Methona confusa</i> |
| 1 | Dusky Owl | | | <i>Caligo illioneus</i> |
| 1 | Split-banded Owlet | 1 | X | <i>Opsiphanes cassina</i> |
| 1 | Orion Cercropian | 1 | X | <i>Historius odius</i> |
| 9 | White Peacock | | | <i>Anartia jatrophae</i> |
| 5 | Banded Peacock | 1 | X | <i>Anartia fatima</i> |
| 5 | Rusty-tipped Page | | | <i>Siproeta epaphus</i> |
| 1 | Ruddy Daggerwing | | | <i>Marpesia petreus</i> |
| 1 | Orange Daggerwing | | | <i>Marpesia berania</i> |
| 1 | Glossy Daggerwing | | | <i>Marpesia furcula</i> |
| 1 | Many-banded Daggerwing | 2 | X | <i>Marpesia chiron</i> |
| 1 | Red Cracker | | | <i>Hamadryas amphinome</i> |
| 2 | Soldier | | | <i>Danaus eresimus</i> |
| 11 | Monarch | | | <i>Danaus plexippus</i> |
| 2 | Turquoise Emperor | | | <i>Doxocopa laurentia</i> |
| 5 | Smooth-banded Sister | | | <i>Adelpha cytherea</i> |
| 2 | Pointer Sister | | | <i>Adelpha iphicius</i> |
| 1 | Rayed Sister | | | <i>Adelpha melanthe</i> |
| 1 | Fundania Sister | | | <i>Adelpha malea fundania</i> |
| 1 | Barnes's Sister | | | <i>Adelpha barnesia</i> |
| 1 | Heraclea Sister | | | <i>Adelpha heraclea</i> |
| 3 | Least Prepona | | | <i>Prepona dexamenus</i> |
| 10 | Holographic Morpho | | | <i>Morpho cypris</i> |
| 14 | Blue Morpho | 3 | X | <i>Morpho menelaus amathonte</i> |
| 14 | Common Morpho | 1 | X | <i>Morpho helenor</i> |
| 1 | Six-spotted Eighty-eight | | | <i>Callicore lyca</i> |
| 1 | Two-eyed Eighty-eight | | | <i>Callicore pitheas</i> |
| 5 | Northern Tropical Buckeye | | | <i>Junonia zonalis</i> |
| 1 | Orange-patched Crescent | | | <i>Anthanassa drusilla</i> |
| 3 | Pale-banded Crescent | | | <i>Anthanassa tulcis</i> |
| 1 | White-dotted Crescent | | | <i>Castilia ofella</i> |
| 1 | Variable Crescent | | | <i>Eresia ithomioides</i> |
| 2 | Black-bordered Crescent | | | <i>Tegosa anieta</i> |
| 4 | Bordered Patch | | | <i>Chlosyne lacinia</i> |
| 1 | Butler's Satyr | | | <i>Cissia palladia</i> |
| 6 | Pink-tipped Satyr | | | <i>Cithaerias menander</i> |
| 2 | Uncolored Clearwing-Satyr | | | <i>Dulcedo polita</i> |
| 6 | Helvina Satyr | | | <i>Pierella helvina</i> |
| 2 | White Satyr | | | <i>Pareuptychia ocirrhoe</i> |
| 1 | Moon Satyr | | | <i>Pierella luna</i> |



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| 1 | Hermes Satyr | | | <i>Hermeuptychia hermes</i> |
| SKIPPERS | | | | |
| 2 | Glorious Blue-Skipper | | | <i>Paches loxus</i> |
| 1 | Variable Blue-Skipper | | | <i>Pythonides jovianus</i> |
| 1 | Panna Skipper | | | <i>Ouleus panna</i> |
| 1 | Violet-tipped Salaria | | | <i>Salaria saladin</i> |
| 1 | Dimorphic Skipper | | | <i>Hyalothyrus neleus pemphigargyra</i> |
| 1 | Spike Banded-Skipper | | | <i>Autochton longipennis</i> |
| 7 | Two-barred Flasher | 1 | X | <i>Astrartes fulgurator</i> |
| 3 | Frosted Flasher | | | <i>Astrartes alardus</i> |
| 8 | Brown Longtail | | | <i>Urbanus procne</i> |
| 1 | Long-tailed Skipper | 1 | X | <i>Urbanus proteus</i> |
| 1 | Great White Longtail | | | <i>Urbanus chalco</i> |
| 4 | Tropical Checkered Skipper | | | <i>Pyrgus oileus</i> |
| ODONATES | | | | |
| 4 | Blue-winged Helicopter Damselfly | 4 | X | <i>Megaloprepus caerulatus</i> |
| 1 | Bromeliad Helicopter Damselfly | | | <i>Mecistogaster modesta</i> |
| 1 | Highland Rubyspot | | | <i>Hetaerina cruentata</i> |
| 1 | Racket-tipped Rubyspot | | | <i>Hetaerina occisa</i> |
| 1 | Dot-winged Rubyspot | 1 | X | <i>Hetaerina fuscoguttata</i> |
| 1 | Red-striped Rubyspot | | | <i>Hetaerina miniata</i> |
| 1 | River Rubyspot | | | <i>Hetaerina caja</i> |
| 2 | Varied Dancer | 1 | X | <i>Argia adamsi</i> |
| 3 | Oculate Dancer | 2 | X | <i>Argia oculata</i> |
| 1 | Ruby Dancer | | | <i>Argia cupraurea</i> |
| 2 | Crimson Threadtail | 1 | X | <i>Protoneura amatoria</i> |
| 1 | Panamanian Spinyneck | | | <i>Metaleptobasis foreli</i> |
| 2 | Dark-saddled Darner | 1 | X | <i>Gynacantha membranalis</i> |
| 1 | Fork-tipped Knobtail | | | <i>Epigomphus quadracies</i> |
| 3 | Red-mantled Dragonlet | | | <i>Erythrodiplax fervida</i> |
| 1 | Red-faced Dragonlet | | | <i>Erythrodiplax fusca</i> |
| 2 | Chalk-marked Dragonlet | | | <i>Erythrodiplax kimminsi</i> |
| 1 | Band-winged Dragonlet | | | <i>Erythrodiplax umbrata</i> |
| 1 | Square-spotted Dasher | | | <i>Micrathyria ocellata</i> |
| 1 | Swamp Dasher | | | <i>Micrathyria laevigata</i> |
| 1 | Common Blue-Eye | | | <i>Anatya guttata</i> |
| 1 | Tropical Woodskimmer | | | <i>Uracis imbuta</i> |
| 1 | Large Woodskimmer | | | <i>Uracis fastigiata</i> |



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| 2 | Blue-eyed Setwing | 1 | X | <i>Dythemis nigra</i> |
| 2 | Brown Setwing | | | <i>Dythemis sterilis</i> |
| 1 | Golden Amberwing | | | <i>Perithemis electra</i> |
| 1 | Flame-tailed Pondhawk | | | <i>Erythemis peruviana</i> |
| 1 | Hercules Skimmer | | | <i>Libellula herculea</i> |
| 4 | Carmine Skimmer | 1 | X | <i>Orthemis discolor</i> |
| 1 | Swamp Skimmer | 1 | X | <i>Orthemis cultriformis</i> |