

BIRDS & BUTTERFLIES IN PANAMA

PANAMA'S CANOPY TOWER

AUGUST 1 – 8, 2009

**EL VALLE'S CANOPY LODGE
EXTENSION**

AUGUST 8 – 13, 2009

**LEADERS: MICHAEL O'BRIEN,
WITH RESIDENT GUIDES JOSE SOTO (CANOPY TOWER) &
TINO SANCHEZ (CANOPY LODGE)**

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By Michael O'Brien,
with resident guides Jose Soto (Canopy Tower) and Tino Sanchez (Canopy Lodge)

Our first Birds & Butterflies in Panama tour proved to be a fabulous way to experience the amazing diversity that this region has to offer. With a more limited itinerary than our regular birding tours to Panama, we had the luxury of time at each location. The result was good success finding most of the birds of those areas, plus time to enjoy the wonderful diversity not only of butterflies, but also mammals, reptiles, amphibians, dragonflies, moths, and more! It's hard to imagine visiting an area of such biological richness as Central Panama and just looking at birds!

Summer in Panama is a time of incredible abundance and a frenzy of activity. Due to daily rains, the vegetation is lush, the flowers are blooming, the birds are either nesting or feeding their recently fledged young, and butterfly abundance reaches its peak. Although the "green season" produces daily rain showers, they come in a predictable pattern, usually for an hour or two in the afternoon (during siesta time!).

Our tour was based at the Canopy Tower with an extension to the Canopy Lodge. The Canopy Tower itself is wonderful. At each level, large windows offer views of wildlife at every forest stratus. From the top of the tower one can see Panama Canal, the skyscrapers of Panama City, the Pacific Ocean, and miles of forest including the 55,000-acre Soberania National Park that runs along much of Panama Canal. Frequent eye level sightings of such canopy-associated mammals as brown-throated three-toed sloth, Geoffroy's tamarin, and mantled howler monkey made us realize how unique this experience was. During our time at the Canopy Tower, we spent a couple of mornings listening to the dawn chorus from the top of the tower, a fine way to get acquainted with songs of local birds such as Rufous Motmot, Cocoa Woodcreeper, Western Slaty-Antshrike, Black-faced Antthrush, Brown-capped Tyrannulet, Black-bellied Wren, and White-breasted Wood-Wren. It was also a delight to have regular sightings of Scaled Pigeon, Red-lore and Mealy parrots, Band-rumped and Lesser Swallow-tailed swifts, Blue-chested Hummingbird, Keel-billed Toucan, Collared Aracari, Plain-colored Tanager, Green Honeycreeper, and Scarlet-rumped Cacique. A little midday skywatching one day produced a nice raptor flight—400 Plumbeous Kites and 100 Swallow-tailed

Kites flying over in just a few minutes before some thunderstorms hit. And after hearing Collared Forest-Falcon numerous times over the week, we finally had excellent views of it from the parking lot just before we left!

One of the most enjoyable aspects of staying at Canopy Tower was having the opportunity to get good views of some canopy-associated butterflies that are difficult or impossible to see from the ground. These included some stunners such as Wavy-lined and Imperial sunstreaks, Alert and Regal greatstreaks, six species of sisters, Two-eyed Eighty-eight, and Red-patched Leafwing. It was also fun to see a number of butterflies *in* the tower, including some seldom-seen species like Curve-lined and Gray theopes, Costa-spotted Beautymark, White-spotted Prepona, and Common Ghost-Skipper (we set these butterflies free after getting good views!).

Spending two full mornings at nearby Pipeline Road was an excellent way to find a number of forest species such as Greater Ani; Long-billed and Stripe-throated hermits; Black-throated, Black-tailed, and Slaty-tailed trogons; Black-breasted Puffbird; Chestnut-mandibled Toucan; Dot-winged Antwren; Bright-rumped Attila; Purple-throated Fruitcrow; Gray-headed Tanager; and Shining Honeycreeper. Among the more interesting butterflies at Pipeline, we found Dual-spotted Swallowtail, Cramer's Greenstreak, Sky-blue Greatstreak, Variable Beautymark, Mexican and Dot-bordered heliconians, Guatemalan Catone, Little Banner, and Brilliant Blue-Skipper. Also at Pipeline Road, we had the pleasure of running into some Smithsonian Institute grad students who showed us several dappled anoles, an aquatic species that they were studying there. We had fun working on our "herp" list on this trip, but seeing these anoles in hand and hearing about their biology was particularly enjoyable.

For a change of pace, we also visited two spots along the Chagres River where marsh and edge species were more prevalent. Between a relatively brief afternoon visit and a mostly rainy morning visit we still managed to see a remarkable variety of birds here, including Black-bellied Whistling-Duck, Anhinga, Least Bittern, Rufescent Tiger-Heron, Cooi and Striated herons, Snail Kite, Bat Falcon, Purple Gallinule, Southern Lapwing, Wattled Jacana, Orange-chinned Parakeet, Blue-crowned Motmot, Barred Antshrike, Common Tody-Flycatcher (building a nest!), Lesser Kiskadee, Boat-billed and Rusty-margined flycatchers, Mangrove Swallow, and Shiny and Giant cowbirds.

There were many other favorite spots. At Old Gamboa Road we found Boat-billed Heron, four species of kingfishers, a family group of Spectacled Owls, and an abundance of butterflies including Chiapas White, Golden Melwhite, Melpomene Heliconian, and Leucodesma Crescent. A walk up the hill at Metropolitan Park produced many "little green jobs," including Southern Beardless, Yellow, and Yellow-crowned tyrannulets; Forest Elaenia; Southern Bentbill; Black-tailed Flycatcher; and Scrub and Golden-fronted greenlets. But without a doubt, the highlight of that day at Metro Park was the group of night monkeys that were peering at us from a dead tree! An afternoon visit to the Rainforest Discovery Center produced nine species of hummingbirds including White-necked Jacobin, Violet-crowned Woodnymph, and Violet-bellied Hummingbird. We also climbed to the top of the tower there where the vista was spectacular, and in a quick scan we found several stunning Blue Cotingas!

Our four-day extension to Canopy Lodge brought us to some new habitats and a new array of wildlife. Nestled in the crater of an extinct volcano and at an elevation of nearly 2,000 feet, El Valle is both picturesque and refreshingly cooler than the lowlands of Panama. The lodge itself is not only very comfortable, but also full of life. Right on the grounds we had regular encounters with White-tipped Dove, Violet-headed Hummingbird, White-vented Plumeleteer, Bay Wren, Rufous-capped Warbler, Bananaquit, Lemon-rumped and Bay-headed tanagers, Orange-billed Sparrow, Buff-throated Saltator, and Thick-billed Euphonia. The lodge area was amazingly good for butterflies, with some highlights including Broad-banded Dartwhite, Salome Yellow, Chiapas Stripebreak, Blue-winged Sheenmark, Sara Heliconian, Narva Patch, Orange Mapwing, Yellow-bordered and Boomerang owl-butterflies, and Black-and-yellow Prestonian. Another highlight at the lodge took place after dark—hundreds of bats, mostly orange nectar bats, visiting the hummingbird feeders!

Our day-trips included two to the highlands at Las Minas and Altos del Maria. Here we found a number of exciting birds including White Hawk, Brown-hooded and Blue-headed parrots, Band-tailed Barbthroat, Green Hermit, White-tipped Sicklebill, Orange-bellied Trogon, Emerald (Blue-throated) Toucanet, Spotted Woodcreeper, Scale-crested Pygmy-Tyrant, Bran-colored Flycatcher, Black-and-yellow and Silver-throated tanagers, and White-vented Euphonia. Some very interesting butterflies also occur at these higher elevations, and we found Satyr and Deep-blue eyemarks, Ucubis Metalmark, Circle-spot and Golden-banded sisters, Tiessa Satyr, Klug's and Yellow-tipped clearwings, and Virginia's Ticlear.

For a real change of pace, we also went on a day-trip to the Pacific lowlands near El Chiru, Santa Clara, and Juan Hombron. This brought us back to warmer, more humid climates, but also to a completely new set of habitats including pastures, cultivated fields, beach, and ocean. Not surprisingly, we found a new set of birds such as Crested Bobwhite, Lesser Yellow-headed Vulture, White-tailed Kite, Savannah Hawk, Aplomado Falcon, Blue Ground-Dove, Barn Owl, Brown-throated Parrot, Sapphire-throated Hummingbird, Fork-tailed Flycatcher, Red-breasted Blackbird, and Grassland Yellow-Finch. We also found a few butterflies in this area including Barred Yellow, Mexican Fritillary, Red Cracker, Veined White-Skipper, and Satyr Skipper. And a relaxing siesta on the beach while watching Blue-footed and Brown boobies and Magnificent Frigatebirds sail by (along with a single Heart-spotted Heliconian flying offshore) was a delight!

ITINERARY

Day 1, 1 August: Arrivals; night at Canopy Tower.

Day 2, 2 August: Canopy Tower; Samaphore Hill (w/Alexis); Ammo Ponds; night at Canopy Tower.

Day 3, 3 August: Pipeline Road; Gamboa feeders; Chagres River; night at Canopy Tower.

Day 4, 4 August: Old Gamboa Road/Summit Ponds; Summit Gargens/Zoo (w/Alexis); night at Canopy Tower.

Day 5, 5 August: Metropolitan Natural Park; Costa del Este; night at Canopy Tower.
Day 6, 6 August: Pipeline Road; Panama Rainforest Discovery Center; night drive at Semaphore Hill; night at Canopy Tower.
Day 7, 7 August: Canopy Tower; Gamboa Resort; Miraflores Locks; night at Canopy Tower.
Day 8, 8 August: Canopy Tower; departures for those doing Tower-only; 10 am transfer to El Valle for those continuing on extension; Canopy Lodge; night at Canopy Lodge.
Day 9, 9 August: Canopy Lodge; La Mesa & Las Minas; Cara Iguana; night at Canopy Lodge.
Day 10, 10 August: El Chiru; Santa Clara (Raul's residence); Juan Hombron (rice fields); night at Canopy Lodge.
Day 11, 11 August: Canopy Lodge; Altos del Maria; night at Canopy Lodge.
Day 12, 12 August: Canopy Lodge and Canopy Adventure Trail; 2:30 pm departure to Panama City; night in Panama City.
Day 13, 13 August: Departures.

Key to Wildlife List

E = El Valle extension only

T = seen *in* Canopy Tower (butterflies)

BIRDS

Great Tinamou – heard almost daily from the Canopy Tower
Little Tinamou – heard at Old Gamboa Road
Black-bellied Whistling-Duck – seen on 5 days
Gray-headed Chachalaca – seen at Amo Ponds, Pipeline Road, and Canopy Tower
Crested Bobwhite – seen at El Chiru; E
Pied-billed Grebe – 1 at Gamboa Resort
Blue-footed Booby – numerous at Santa Clara; all appeared to be subadults; E
Brown Booby – a few at Santa Clara; E
Brown Pelican – abundant along the coast; a few also along the canal
Neotropic Cormorant – numerous along the coast
Anhinga – numerous along Chagres River; a few flyovers also seen
Magnificent Frigatebird - numerous along the coast
Least Bittern – 1 at Gamboa Resort
Rufescent Tiger-Heron – 1 juvenile at Chagres River
Cocoi Heron – 1 at Chagres River
Great Egret – seen at several locations; particularly numerous at Juan Hombron
Snowy Egret – 1 at Gamboa Resort; numerous at Juan Hombron
Little Blue Heron – seen on 4 days
Tricolored Heron – 1 at Costa del Este
Cattle Egret – seen on 5 days
Green Heron – seen on 4 days
Striated Heron – 2 at Chagres River
Black-crowned Night-Heron – 1 in Panama City
Boat-billed Heron – 2 at Summit Ponds
White Ibis – seen on 3 days
Glossy Ibis – 2 at Juan Hombron; E

Black Vulture – seen daily, often by the 100's
Turkey Vulture – seen daily; not as numerous as Black Vulture
Lesser Yellow-headed Vulture – several at Juan Hombron; E
Swallow-tailed Kite – nice flight of over 100 at Canopy Tower; also a few at Las Minas and Altos del Maria
White-tailed Kite – several at El Chiru; E
Snail Kite – seen along Panama Canal and Chagres River
Double-toothed Kite – nice views of a perched bird at Metro Park
Plumbeous Kite - nice flight of several hundred at Canopy Tower; a few others seen
White Hawk – seen on 3 days, including excellent views at Altos del Maria
Savanna Hawk – several at El Chiru; E
Roadside Hawk – seen at Cara Iguana and Altos del Maria; E
Gray Hawk – heard at Cara Iguana; E
Short-tailed Hawk – 1 dark morph at Canopy Tower
Zone-tailed Hawk – 1 at Amo Ponds and 2 at Chagres River
Barred Forest-Falcon – heard at Altos del Maria; E
Collared Forest-Falcon – heard almost daily at Canopy Tower; seen well on our final day there
Crested Caracara – seen at Juan Hombron; E
Yellow-headed Caracara – seen on 5 days
American Kestrel – 1 at El Chiru; E
Aplomado Falcon – excellent views of a pair at El Chiru; E
Bat Falcon – 1 at Canopy Tower and 2 in Gamboa (1 eating a bat!); a few of us also saw 2 at the airport on our way home, one of which caught a Gray-breasted Martin right by our gate!
White-throated Crake – heard at Amo Ponds
Gray-necked Wood-Rail – 1 seen at Canopy Lodge; another at Juan Hombron; E
Purple Gallinule – singles seen on 4 days
Common Moorhen – numerous at Chagres River
Sunbittern – 1 heard at La Mesa; E
Southern Lapwing – seen on 4 days
American Golden-Plover – 1 at Costa del Este
Collared Plover – 1 at Costa del Este
Semipalmated Plover – numerous at Costa del Este
Wattled Jacana – seen on 4 days
Spotted Sandpiper – numerous at Costa del Este; 1 at Miraflores Locks
Solitary Sandpiper – 1 at Juan Hombron; E
Greater Yellowlegs – 1 at Juan Hombron
Willet – numerous at Costa del Este; 1 at Santa Clara; all of these were of the interior-breeding subspecies, *T. s. inornata* (“Western Willet”)
Whimbrel – several Costa del Este; 1 at Santa Clara
Marbled Godwit – 2 at Costa del Este
Ruddy Turnstone – 1 at Costa del Este
Semipalmated Sandpiper – numerous at Costa del Este
Western Sandpiper – numerous at Costa del Este
Least Sandpiper - 2 at Costa del Este
Short-billed Dowitcher – about 15 at Costa del Este
Laughing Gull – small numbers along the coasts; all were subadult nonbreeders
Elegant Tern – 1 at Santa Clara
Sandwich Tern – a few at Costa del Este
Rock Pigeon (I) – numerous in urban/suburban areas
Pale-vented Pigeon – numerous in open areas; seen on 7 days
Scaled Pigeon – seen or heard on 7 days, mostly at Canopy Tower

Short-billed Pigeon – 1 heard at Pipeline Road
Mourning Dove – 1 at Juan Hombron; E
Plain-breasted Ground-Dove – numerous around El Chiru; E
Ruddy Ground-Dove – numerous in open areas; seen on 8 days
Blue Ground-Dove – 1 seen well and a few others heard at El Chiru; E
White-tipped Dove – numerous; seen or heard on 10 days
Gray-chested Dove – heard on 5 days, mostly at Canopy Tower
Brown-throated Parakeet – several at El Chiru; E
Orange-chinned Parakeet – numerous in open areas; seen on 11 days
Brown-hooded Parrot – seen at Altos del Maria; a few others heard
Blue-headed Parrot – seen at Metro Park and Altos del Maria
Red-lored Parrot – seen on 7 days, mostly at Canopy Tower
Mealy Parrot – seen on 7 days, mostly at Canopy Tower
Squirrel Cuckoo – seen on 7 days
Greater Ani – seen twice at Pipeline Road
Smooth-billed Ani – seen at Amo Ponds and La Mesa
Groove-billed Ani – seen at El Chiru; E
Barn Owl – 1 at Juan Hombron; E
Spectacled Owl – family group seen at Old Gamboa Road
Mottled Owl – heard at Canopy Tower
Short-tailed Swift – seen on 3 days; most numerous around Gamboa and other open areas
Band-rumped Swift – seen on 9 days; most numerous at Canopy Tower and other forested areas
Lesser Swallow-tailed Swift – seen on 4 days, mostly at Canopy Tower
Band-tailed Barbthroat – 1 at Altos del Maria
Green Hermit – seen on 4 days; E
Long-billed Hermit – seen on 3 days; best views at Rainforest Discovery Center
Stripe-throated Hermit – seen on 4 days
White-tipped Sicklebill – 1 at Altos del Maria
White-necked Jacobin – seen at Canopy Tower and Rainforest Discovery Center
Violet-headed Hummingbird – seen on 4 days, mostly at Canopy Lodge; E
Garden Emerald – seen at El Chiru and Altos del Maria; E
Violet-crowned Woodnymph – seen on 5 days
Violet-bellied Hummingbird – seen at Rainforest Discovery Center and Canopy Lodge
Sapphire-thrtd. Hummingbird – singles at El Chiru and Santa Clara; E
Blue-chested Hummingbird – seen daily at Canopy Tower
Snowy-bellied Hummingbird – seen on 5 days
Rufous-tailed Hummingbird – seen on 9 days
White-vented Plumeleteer – seen on 7 days
Purple-crowned Fairy – seen twice at Canopy Tower
Long-billed Starthroat – 1 at Cara Iguana; E
Violaceous Trogon – seen on 4 days
Orange-bellied Trogon – seen at Las Minas and Altos del Maria; E
Black-throated Trogon – seen at Semaphore Hill and Pipeline Road
Black-tailed Trogon – seen at Pipeline Road
Slaty-tailed Trogon – seen on 5 days
Tody Motmot – 1 at Canopy Lodge; E
Blue-crowned Motmot – seen at Pipeline Road, Gamboa Resort, and Cara Iguana
Rufous Motmot – seen or heard on 6 days
Broad-billed Motmot – seen at Samaphore Hill and heard at Canopy Tower
Ringed Kingfisher – seen on 4 days
Amazon Kingfisher – singles at Chagres River and Summit Ponds

Green Kingfisher – seen on 4 days
American Pygmy Kingfisher – 1 at Summit Ponds
Black-breasted Puffbird – 2 at Pipeline Road
White-whiskered Puffbird – seen at Semaphore Hill; heard at Pipeline Road
Emerald Toucanet – seen at Las Minas and Altos del Maria
Collared Aracari – seen on 6 days
Keel-billed Toucan – seen on 10 days
Chestnut-mandibled Toucan – seen on 3 days
Olivaceous Piculet – 1 at Amo Ponds
Black-cheeked Woodpecker – heard at Pipeline Road and seen at Old Gamboa Road
Red-crowned Woodpecker – numerous in open areas; seen on 10 days
Cinnamon Woodpecker – seen or heard on 6 days
Lineated Woodpecker – seen at Old Gamboa Road and Altos del Maria
Crimson-crested Woodpecker – seen on 3 days
Red-faced Spinetail – heard at Altos del Maria; E
Plain Xenops – seen on 3 days
Plain Brown Woodcreeper – 2 at Semaphore Hill
Cocoa Woodcreeper – seen or heard on 10 days
Spotted Woodcreeper – heard at Las Minas and seen at Altos del Maria; E
Fasciated Antshrike – seen on 3 days
Barred Antshrike – seen on 6 days
Western Slaty-Antshrike – seen or heard on 7 days, especially around Canopy Tower
Moustached Antwren – heard at Pipeline Road
Checker-throated Antwren – 1 at Semaphore Hill
White-flanked Antwren – 2 at Semaphore Hill
Dot-winged Antwren – seen on 3 days
Dusky Antbird – seen or heard on 4 days
White-bellied Antbird – seen at Metro Park; heard on 3 other days
Bicolored Antbird – heard at Canopy Tower
Black-faced Antthrush – seen at Pipeline Road; heard on 8 other days
Black-crowned Antpitta – heard at Altos del Maria
Streak-chested Antpitta – heard at Pipeline Road
Brown-capped Tyrannulet – seen well at Canopy Tower; heard at several other locations
Southern Beardless-Tyrannulet – seen at Metro Park and El Chiru; heard several other times
Yellow Tyrannulet – seen at Amo Ponds, Metro Park, and Altos del Maria
Yellow-crowned Tyrannulet – seen on 4 days
Forest Elaenia – seen at Metro Park and Pipeline Road
Yellow-bellied Elaenia – numerous around La Mesa and El Chiru; E
Lesser Elaenia – seen at La Mesa
Olive-striped Flycatcher – 1 at Semaphore Hill
Ochre-bellied Flycatcher – 1 at Cara Iguana; E
Sepia-capped Flycatcher – 1 at La Mesa
Paltry Tyrannulet – seen or heard on 6 days
Black-capped Pygmy-Tyrant – heard at Pipeline Road
Scale-crested Pygmy-Tyrant – heard at Las Minas; seen at Altos del Maria
Southern Bentbill – seen at Metropolitan Park; heard at Semaphore Hill
Common Tody-Flycatcher – seen on 8 days, including a nest at Chagres River
Black-headed Tody-Flycatcher – 1 at Canopy Lodge; E
Yellow-margined Flycatcher – 1 at the Zoo
Ruddy-tailed Flycatcher – heard at Pipeline Road
Black-tailed Flycatcher – seen at Metro Park

Bran-colored Flycatcher – 1 at Altos del Maria; E
Tufted Flycatcher – seen at Altos del Maria; E
Tropical Pewee – seen on 5 days
Bright-rumped Attila – 1 at Pipeline Road
Dusky-capped Flycatcher – seen at Cara Iguana; heard at numerous other locations
Panama Flycatcher – seen at Amo Ponds and Old Gamboa Road
Lesser Kiskadee – seen at Chagres River, Summit Ponds, and Gamboa Resort
Great Kiskadee – seen on 6 days
Boat-billed Flycatcher – seen on 5 days
Rusty-margined Flycatcher – seen on 4 days
Social Flycatcher – seen daily in open areas
Piratic Flycatcher – seen on 4 days
Tropical Kingbird – seen daily in open areas
Fork-tailed Flycatcher – seen near Panama City and El Chiru
Thrush-like Schiffornis – heard at Pipeline Road
Masked Tityra – seen on 5 days
Blue Cotinga – seen at Canopy Tower, Pipeline Road, Zoo, and Rainforest Discovery Center
Purple-throated Fruitcrow – seen at Pipeline Road
Golden-collared Manakin – seen at Old Gamboa Road, Canopy lodge, and Las Minas
Lance-tailed Manakin – seen at Old Gamboa Road and heard at Metro Park
Blue-crowned Manakin – seen at Pipeline Road
Red-capped Manakin – seen at Samaphore Hill and Pipeline Road
Yellow-green Vireo – heard at Gamboa Resort; seen at Cara Iguana and El Chiru
Scrub Greenlet – seen at Metro Park; heard at several other locations
Golden-fronted Greenlet – seen on 4 days
Lesser Greenlet – seen or heard on 5 days
Green Shrike-Vireo – heard on 3 days
Rufous-browed Peppershrike – heard at El Chiru; E
Black-chested Jay – seen at Canopy Lodge and Cara Iguana; E
Purple Martin – 1 at Canopy Tower
Gray-breasted Martin – seen on 9 days; especially numerous along the canal
Mangrove Swallow – seen on 5 days
Blue-and-white Swallow – seen at Cara Iguana
Southern Rough-winged Swallow – seen at Metro Park, Panama City, and Gamboa
Barn Swallow – seen on 4 days
Black-bellied Wren – seen at Pipeline Road; heard daily from Canopy Tower
Bay Wren – seen at Pipeline Road and Canopy Lodge; heard on several other days
Rufous-breasted Wren – seen or heard on 7 days
Rufous-and-white Wren – heard at Metro Park and Cara Iguana
Buff-breasted Wren – seen at Old Gamboa Road; heard on a few other days
Plain Wren – seen or heard on 6 days
House Wren – seen on 9 days
Ocraceous Wren – heard at Altos del Maria; E
White-breasted Wood-Wren – seen at Semaphore Hill and Pipeline Road; heard almost daily
Gray-breasted Wood-Wren – seen at Altos del Maria; E
Scaly-breasted Wren – heard at Canopy Lodge; E
Song Wren – heard at Pipeline Road
Tawny-faced Gnatcatcher – heard at Cara Iguana; E
Long-billed Gnatwren – seen at Samaphore Hill; heard a couple other times
Tropical Gnatcatcher – seen on 3 days
Orange-billed Nightingale-Thrush – seen at Altos del Maria; heard elsewhere; E

Pale-vented Thrush – seen at Altos del Maria; E
Clay-colored Robin – seen on 10 days
Tropical Mockingbird (I) – seen at Amo Ponds and Gamboa
Rufous-capped Warbler – seen on 4 days, especially around Canopy Lodge; E
Bananaquit – seen on 5 days, including at Canopy Lodge; E
Common Bush-Tanager – seen at Las Minas and Altos del Maria; E
Black-and-yellow Tanager – seen at Altos del Maria; E
Rosy Thrush-Tanager – heard at Metropolitan Park
Dusky-faced Tanager – seen at Altos del Maria and Canopy Lodge; E
Gray-headed Tanager – seen at Pipeline Road and Canopy Lodge
White-shouldered Tanager – seen on 7 days
Tawny-crested Tanager – seen at Canopy Adventure Trail; E
White-lined Tanager – seen at La Mesa and Altos del Maria; E
Red-crowned Ant-Tanager – seen at Canopy Lodge; E
Red-throated Ant-Tanager – seen at Old Gamboa Road, Metro Park, and Pipeline Road
Hepatic Tanager – seen at Las Minas and Altos del Maria; E
Crimson-backed Tanager – seen on 9 days
Flame (Lemon)-rumped Tanager – seen on 6 days
Blue-gray Tanager – seen on 9 days
Palm Tanager – seen on 7 days
Plain-colored Tanager – seen on 10 days
Silver-throated Tanager – seen at Las Minas and Altos del Maria; E
Bay-headed Tanager – seen at Canopy Lodge, Las Minas, and Altos del Maria; E
Golden-hooded Tanager - seen on 8 days
Scarlet-thighed Dacnis – seen at Pipeline Road and Cara Iguana
Blue Dacnis – seen on 5 days
Green Honeycreeper – seen on 9 days
Shining Honeycreeper – seen at Pipeline Road and Gamboa feeders
Red-legged Honeycreeper – seen on 4 days
Blue-black Grassquit – seen on 4 days
Variable Seedeater – seen on 9 days
Yellow-bellied Seedeater – seen at La Mesa and Altos del Maria; E
Ruddy-breasted Seedeater – seen at Ammo Ponds and El Chiru
Thick-billed Seed-Finch – seen on 4 days
Yellow-faced Grassquit – seen at Las Minas, Altos del Maria, and Canopy Lodge; E
Grassland Yellow-Finch – seen at El Chiru; E
Orange-billed Sparrow – seen at Canopy Lodge; E
Black-striped Sparrow – seen on 4 days
Streaked Saltator – seen on 4 days
Buff-throated Saltator – seen at 8 days
Blue-black Grosbeak – seen or heard on 5 days
Red-breasted Blackbird – numerous at El Chiru; E
Eastern Meadowlark – seen at El Chiru; E
Great-tailed Grackle – seen on 10 days
Shiny Cowbird – seen at the Zoo and Gamboa Resort
Giant Cowbird – seen at Gamboa Resort
Orchard Oriole – heard at El Chiru (our only Neotropical migrant passerine)
Yellow-backed Oriole – seen at Amo Ponds and the Zoo
Yellow-tailed Oriole – seen at Amo Ponds
Yellow-billed Cacique – heard at Old Gamboa Road; seen at Canopy Lodge and Altos del Maria
Scarlet-rumped Cacique - seen daily Canopy Tower

Chestnut-headed Oropendola – seen at Old Gamboa Road and Las Minas
Yellow-crowned Euphonia – seen or heard on 4 days
Thick-billed Euphonia – seen on 9 days; common at Canopy Lodge feeders
Fulvous-vented Euphonia – seen at Canopy Tower
White-vented Euphonia – seen at Altos del Maria; E
Tawny-capped Euphonia – seen at Altos del Maria and Canopy Lodge; E
Lesser Goldfinch – seen at Cara Iguana; E

BUTTERFLIES

Variable Cattleheart (*Parides erithalion*) – seen at Metro Park
Pink-checked Cattleheart (*Parides eurimedes*) – seen on 5 days
Emerald-patched Cattleheart (*Parides sesostris*) – seen on 6 days
Polydamas Swallowtail (*Battus polydamas*) – seen at Canopy Tower and Summit Ponds
Thoas Swallowtail (*Heraclides thoas*) – seen on 6 days
Dual-spotted Swallowtail (*Mimoides ilus ilus*) – seen at Pipeline Road
Cattleheart White (*Archonias brassolis tereas*) – seen at Canopy Lodge; E
Broad-banded Dartwhite (*Catasticta sisamnus*) – seen at Canopy Lodge; E
Common Greeneyed-White (*Leptophobia aripa*) – seen at Altos del Maria; E
Chiapas White (*Perrhybris pamela*) – seen at Summit Ponds
Cross-barred White (*Itaballia demophile*) – seen at Summit Ponds
Golden Melwhite (*Melete polyhymnia*) – seen at Summit Ponds and Pipeline Road
Ghost Yellow (*Eurema albula*) – seen on 4 days
Mimosa Yellow (*Eurema mimosa*) – seen on 4 days
Salome Yellow (*Eurema salome*) – seen at Altos del Maria and Canopy Lodge; E
Barred Yellow (*Eurema दौरa*) – seen at Metro Park and El Chiru
Apricot Sulphur (*Phoebis argante*) – seen on 8 days
Large Orange Sulphur (*Phoebis agarithe*) – seen at Santa Clara; E
Orange-barred Sulphur (*Phoebis philea*) – seen on 6 days
Cloudless Sulphur (*Phoebis sennae*) – seen on 6 days
Statira Sulphur (*Aphrissa statira*) – seen at Pipeline Road and Old Gamboa Road
Clearwing Mimic-White (*Dismorphia theucarila*) – 1 at Canopy Adventure Trail; E
Frosted Mimic-White (*Lieinix nemesis*) – 1 at Las Minas
Chiapas Stripestreak (*Arawacus togarna*) – seen at Canopy Lodge and Las Minas; E
Wavy-lined Sunstreak (*Arcas cypria*) – 2 at Canopy Tower
Imperial Sunstreak (*Arcas imperialis*) – 2 at Canopy Tower
Alert Greatstreak (*Atlides inachus*) – 1 at Canopy Tower
Harvest Hairstreak (*Aubergina hicetas*) – 1 at Canopy Tower
Field's Groundstreak (*Calycopis drusilla*) – 1 at Canopy Tower
Red-spotted Emeraldstreak (*Chalybs hassan*) – 1 at Canopy Tower
Cramer's Greenstreak (*Cyanophrys amyntor*) – 1 at Pipeline Road
Mexican Cycadian (*Eumaeus toxea*) – seen on 5 days, mostly from Canopy Tower
Regal Greatstreak (*Evenus regalis*) – seen twice at Canopy Tower
Timid Greatstreak (*Evenus temathea*) – wings found on trail at Metro Park
Patchy Groundstreak (*Lamprospilus collucia*) – 1 at Canopy Tower
Zebra Cross-streak (*Panhiades bathildis*) – seen several times at Canopy Lodge; E
Sky-blue Greatstreak (*Pseudolycaena damo*) – 1 at Pipeline Road and 2 at Metro Park
Marius Hairstreak (*Rekoa marius*) – 1 at Canopy Tower
Azurinus Hairstreak (*Strephonota azurinus*) – 1 at Canopy Tower
Red-spotted Scrub-Hairstreak (*Strymon ziba*) – seen at Pipeline Road and Canopy Tower
Mottled Scrub-Hairstreak (*Strymon mulucha*) – 1 at Metro Park

Pale-clubbed Greatstreak (*Theritas hemon*) – 1 at Canopy Tower
 Epopea Hairstreak (*Thestius epopea*) – 1 at Canopy Adventure Trail
 Brown Groundstreak (*Ziegleria ceromia*) – 1 at Canopy Tower
 Costa-spotted Beautymark (*Ancyluris jurgensenii*) – seen on 2 days at Canopy Tower; T
 Carousing Jewelmark (*Anteros carausius*) – 3 at Santa Clara; E
 Erostratus Metalmark (*Aricoris erostratus*) – 1 at El Chiru; E
 "Iris Scintillant" (*Calephelis iris*) – seen at Pipeline Road and Canopy Lodge
 Cloaked Scintillant (*Detritivora barnesi*) – seen at Metro Park and Las Minas
 Dark Tanmark (*Emesis ocyopore*) – 1 at Las Minas; E
 Orange-striped Tanmark (*Emesis cypria*) – 1 at Las Minas; E
 Mexican Tanmark (*Emesis liodes*) – seen on 4 days, mostly at Canopy Tower; T
 Colaxes Redhead (*Esthemopsis colaxes*) – seen at Las Minas
 Blue-winged Sheenmark (*Eurybia lycisca*) – seen at Canopy Lodge and Altos del Maria; E
 Unxia Sheenmark (*Eurybia unxia*) – seen at Canopy Lodge
 "Bettina Sombermark" (*Euselasia Bettina*) – 1 at Canopy Lodge
 Satyr Eyemark (*Leucochimona lepida*) – 1 at Altos del Maria; E
 Red-bordered Pixie (*Melanis pixe*) – several at Metro Park
 Cell-barred Geomark (*Mesene phareus*) – 1 at Canopy Lodge; E
 Deep-blue Eyemark (*Mesosemia asa asa*) – 1 at Altos del Maria; E
 Two-oranges Metalmark (*Nothome erota*) – 2 at Canopy Tower
 Azanoides Hemmark (*Nymphidium azanoides*) – seen at Pipeline Road and Canopy Adventure
 Trail
 Orange-flushed Eyemark (*Peropthalma lasus*) – 1 at Canopy Lodge; E
 Flag-tailed Beautymark (*Rodinia calphurnia*) – 2 at Canopy Tower
 Variable Beautymark (*Rhetus periander*) – 2 at Pipeline Road
 Stripe-tipped Fiestamark (*Symmachia rubina*) – 1 at Canopy Tower
 Variable Lemmark (*Synargis mycone*) – 1 at Old Gamboa Road
 Curve-lined Theope (*Theope bacenis*) – 1 at Canopy Tower; T
 Gray Theope (*Theope lycaenina*) – 1 at Canopy Tower; T
 Sailor's Lemmark (*Thisbe irenea*) – 1 at Canopy Lodge; E
 Ucubis Metalmark (*Thisbe ucubis*) – 1 at Altos del Maria; E
 Juno Heliconian (*Dione juno*) – seen on 4 days
 Banded Orange Heliconian (*Dryadula phaetusa*) – seen on 4 days
 Julia Heliconian (*Dryas iulia*) – seen on 4 days
 Least Heliconian (*Eueides aliphera*) – seen at Pipeline Road and Canopy Lodge
 Isabella's Heliconian (*Eueides isabella*) – seen at Canopy Tower
 "Antiochus Heliconian" (*Heliconius antiochus*) – seen at Old Gamboa Road and Pipeline Road
 Zebra Heliconian (*Heliconius charitonius*) – seen at Canopy Lodge; E
 Cydno Heliconian (*Heliconius cydno chioneus*) – seen on 8 days
 Erato Heliconian (*Heliconius erato*) – seen on 9 days
 Heart-spotted Heliconian (*Heliconius hecale anderida*) – seen every day, including apparent
 migrants flying over the Pacific at Santa Clara and at the airport in Panama City
 Mexican Heliconian (*Heliconius hortense*) – seen at Pipeline Road
 Melpomene Heliconian (*Heliconius melpomene rosina*) – 1 at Old Gamboa Road
 Sara Heliconian (*Heliconius sara*) – seen at Canopy Lodge, Las Minas, and Altos del Maria
 Dot-bordered Heliconian (*Laparus doris*) – seen at Pipeline Road and Canopy Lodge
 Green Heliconian (*Philaethria diatonica*) – seen on 5 days
 Mexican Fritillary (*Euptoieta hegesia*) – numerous at El Chiru; E
 Orange-patched Crescent (*Phyciodes drusilla*) – seen on 6 days
 Pale-banded Crescent (*Phyciodes tulcis*) – 1 at Old Gamboa Road; 1 at Canopy Lodge
 Smudged Crescent (*Castilia eranites*) – seen at Canopy Lodge; E

White-dotted Crescent (*Castilla ofella*) – seen at Canopy Lodge; E
 Crimson Patch (*Chlosyne janais*) – seen at Canopy Lodge; E
 Narva Patch (*Chlosyne narva*) – seen at Las Minas and Canopy Lodge; E
 Bordered Patch (*Chlosyne lacinia*) – seen at Old Gamboa Road
 Three-banded Crescent (*Eresia alsina*) – seen at Las Minas and Altos del Maria
 Creamy Crescent (*Eresia clio*) – seen at Canopy Lodge (apparently the same species at Clara's
 Crescent, *E. clara*)
 Leucodesma Crescent (*Janatella leucodesma*) – 2 at Old Gamboa Road
 Black-bordered Tegosa (*Tegosa anieta anieta*) – seen on 5 days; E
 Banded Peacock (*Anartia fatima*) – seen every day
 White Peacock (*Anartia jatrophae*) – seen on 4 days
 Tropical Buckeye (*Junonia evarete*) – seen at Gamboa Resort and El Chiru
 Malachite (*Siproeta stelenes*) – seen on 6 days
 Rusty-tipped Page (*Siptoeta epaphus*) – 1 at Las Minas
 Orange Mapwing (*Hypanartia lethe*) – seen at Canopy Lodge; E
 Spot-celled Sister (*Adelpha basiloides*) – seen at Canopy Tower
 "Celerio Sister" (*Adelpha celerio*) – seen at Canopy Tower and Las Minas
 Smooth-banded Sister (*Adelpha cytherea*) – seen at Canopy Tower
 Heraclea Sister (*Adelpha heraclea*) – seen at Canopy Tower
 Pointer Sister (*Adelpha iphiclus*) – seen on 5 days, mostly at Canopy Tower
 Circle-spot Sister (*Adelpha leucophthalma*) – seen at Altos del Maria and Canopy Adventure
 Venezuelan Sister (*Adelpha malea*) – seen at Canopy Tower
 Golden-banded Sister (*Adelpha salmoneous*) – seen at Altos del Maria; E
 Six-spotted Eighty-eight (*Callicore lyca*) – singles at Las Minas and Altos del Maria
 Two-eyed Eighty-eight (*Callicore pitheas*) – 1 at Canopy Tower
 Guatemalan Catone (*Catonephele mexicana*) – 2 at Pipeline Road
 White Sailor (*Dynamine theseus*) – 1 at Gamboa Resort (in the rain!)
 purplewing sp. (*Eunica* sp.) – 1 at Semaphore Hill
 Little Banner (*Nica flavilla*) – seen on Pipeline Road
 Cramer's Red-ring (*Pyrrhogyra crameri*) – seen at Semaphore Hill and Pipeline Road
 Orange Banner (*Temenis laothoe*) – seen on 4 days
 Pale Bluewing (*Myscelia leucocyana*) – 2 at Semaphore Hill
 Red Cracker (*Hamadryas amphinome mexicana*) – 1 at Metro Park; 1 at El Chiru
 Variable Cracker (*Hamadryas feronia*) – seen on 4 days
 Orion Cecropian (*Historis odius*) – seen at Canopy Tower and Canopy Lodge
 White-spotted Prepona (*Archaeoprepona amphimachus*) – 1 at Canopy Tower; T
 One-spotted Prepona (*Archaeoprepona demophon*) – seen on 5 days
 Two-spotted Prepona (*Archaeoprepona demophon*) – 1 at Canopy Tower
 Feathered Prepona (*Prepona laertes*) – 1 at Canopy Lodge; E
 Pointed Leafwing (*Anaea eurypyle*) – 1 at Canopy Tower; 1 at Canopy Lodge
 Tiger Leafwing (*Consul fabius*) – 2 at Metro Park
 Beatrix Leafwing (*Memphis beatrix*) – 1 at Canopy Tower
 Red-patched Leafwing (*Siderone syntyche*) – 1 at Canopy Tower
 Pavon Emperor (*Doxocopa pavon*) – seen at Canopy Tower
 Yellow-bordered Owl-Butterfly (*Caligo uranus*) – 3 at Canopy Lodge; E
 Boomerang Owl-Butterfly (*Caligo oedipus*) – seen on 3 days at Canopy Lodge; E
 owl-butterfly sp. (*Catoblepia* sp.) – 1 at Canopy Tower
 Split-banded Owlet (*Opsiphanes cassina*) – seen on 4 days; T
 Scalloped Owlet (*Opsiphanes quiteria*) – 1 at Canopy Adventure Trail; E
 Common Morpho (*Morpho helenor peleides*) – seen on 9 days
 All-blue Morpho (*Morpho menelaus amathonte*) – seen on 7 days

Short-tailed Morpho (*Morpho theseus*) – seen on 4 days
 Plain Satyr (*Cissia pompilia*) – seen at La Mesa and Altos del Maria; E
 Gold-stained Satyr (*Cissa pseudoconfusa*) – 1 at Canopy Tower; T
 Westwood's Satyr (*Euptychia westwoodi*) – 1 at Canopy Tower
 Carolina Satyr (*Hermeuptychia sosybius*) – seen every day
 Tiessa Satyr (*Magneuptychia tiessa*) – seen at Las Minas; E
 White Satyr (*Pareuptychia ocirrhoe*) – seen on 6 days
 White-banded Satyr (*Pareuptychia metaleuca*) – seen at Pipeline Road
 ur-satyr sp. (*Taygetes* sp.) – 1 at Altos del Maria; E
 Black-and-yellow Prestonian (*Aeria eurimedia agna*) – seen at Canopy Lodge; E
 Variable Prestonian (*Tithorea tarricina pinthias*) – seen on 5 days
 White-leading Ticlear (*Callithomia hezia*) – seen on 3 days; E
 Klug's Clearwing (*Dircenna klugii*) – seen at Altos del Maria; E
 Olyras Dircenna (*Dircenna olyras relata*) – seen at Las Minas and Canopy Adventure Trail; E
 Hippocrenis Ithomia (*Ithomia diasia hippocrenis*) – seen on 3 days at Canopy Lodge area; E
 Iphianassa Ithomia (*Ithomia iphianassa panamansis*) – seen at Altos del Maria; E
 Virginia's Ticlear (*Hyposcada virginiana evanides*) – seen at Las Minas; E
 Insignis Ticlear (*Olyras insignis*) – seen at Las Minas; E
 Utilla Ticlear (*Pseudoscada utilla*) – 1 at Canopy Lodge; E
 Yellow-tipped Clearwing (*Ceratinia tutia dorilla*) – seen at Altos del Maria and Canopy Lodge; E
 Variegated Ticlear (*Godyris zavaleta zygia*) – seen at Altos del Maria; E
 Thick-tipped Greta (*Greta morgane oto*) – 1 at Canopy Lodge; E
 Variable Tigerwing (*Mechanitis menapis*) – seen at Canopy Adventure Trail; E
 Disturbed Tigerwing (*Mechanitis polymnia*) – seen at Canopy Adventure Trail; E
 Tiger-mimic Queen (*Lycorea cleobaea*) – seen at Las Minas and Canopy Lodge; E
 Monarch (*Danaus plexippus*) – seen at Las Minas and Altos del Maria; E
 Mytip sp. (*Myscelus* sp.) – 1 at Canopy Tower
 Impostor Firetip (*Pyrrhopyge pseudophidias*) – 1 at Canopy Lodge; E
 firetip sp. (*Pyrrhopyge* sp.) – 1 at Rainforest Discovery Center
 Sickly-winged Skipper (*Achlyodes thraso*) – 1 at Pipeline Road
 Giant Sicklewing (*Achlyodes busirus*) – 1 at Cara Iguana; E
 Dusted Spurwing (*Antigonus erosus*) – seen at Pipeline Road, Metro Park, and Canopy Tower
 Frosted Flasher (*Astraptes alardes*) – 1 at Canopy Tower; 1 at Canopy Lodge
 Gilbert's Flasher (*Astraptes alector*) – 1 at Canopy Lodge; E
 Green Flasher (*Astraptes talus*) – 1 at Canopy Lodge; E
 Narrow Banded-Skipper (*Autochton longipennis*) – 1 at Pipeline Road; 1 at Canopy Lodge
 Two-spotted Banded-Skipper (*Autochton bipunctatus*) – singles at Metro Park, Pipeline Road,
 and Canopy Tower
 Bolla sp. (*Bolla* sp.) – seen at Ammo Ponds
 Bifurcate Flat (*Calenorrhinus bifurcus*) – 1 at Canopy Adventure Trail; E
 Mimosa Skipper (*Cogia calchas*) – seen on 5 days
 Diaphorus Scarlet-eye (*Dyscophellus diaphorus*) – 1 at Canopy Tower
 Spineless Silverdrop (*Epargyreus aspina*) – 1 at Canopy Tower; 1 at Canopy Lodge
 Veined White-Skipper (*Heliopetes arsalte*) – seen at El Chiru; E
 Laviana White-Skipper (*Heliopetes laviana*) – seen at El Chiru; E
 Turk's Cap White-Skipper (*Heliopetes macaira*) – seen at El Chiru; E
 Dimorphic Skipper (*Hyalothyris neleus*) – seen on 6 days
 Jason's Mylon (*Mylon jason*) – 1 at Pipeline Road
 Great Scarlet-eye (*Nascus solon*) – 1 at Canopy Tower
 Red-studded Skipper (*Noctuana stator*) – 1 at Canopy Lodge; E
 Brilliant Blue-Skipper (*Paches loxus*) – 1 at Pipeline Road

White-tipped Ghost-Skipper (*Phanus albiapicalis*) – 3 at Canopy Adventure Trail
 Common Ghost Skipper (*Phanus marshalli*) – seen twice at Canopy Tower; T
 Starred Potam (*Potamanaxas unifasciata*) – 1 at Altos del Maria; E
 "Guatemalan" Com. Checkered-Skipper (*Pyrgus communis adepta*) – 1 at El Chiru; E
 Tropical Checkered-Skipper (*Pyrgus oileus*) – seen on 5 days
 Falcate Skipper (*Spathilepia clonius*) – 1 at Pipeline Road
 Golden-snout Scallopwing (*Staphylus vulgata*) – seen at Old Gamboa Road
 scallopwing sp. (*Staphylus* sp.) – seen at Old Gamboa Road
 Thrasea Mimic-Skipper (*Thracides thrasea*) – 1 at the Rainforest Discovery Center tower
 Satyr Skipper (*Timochreon satyrus*) – seen at El Chiru; E
 Chalco Longtail (*Urbanus chalco*) – seen twice at Canopy Tower
 Dorantes Longtail (*Urbanus dorantes*) – seen on 5 days
 Esmeralda Longtail (*Urbanus esmeralda*) – seen at Canopy Tower and Canopy Lodge
 Brown Longtail (*Urbanus procne*) – seen on 6 days
 Plain Longtail (*Urbanus simplicius*) – seen on 5 days
 Tanna/Teleus Longtail (*Urbanus tanna/teleus*) – seen at Canopy Lodge; E
 Glassy-winged Skipper (*Xenophanes tryxus*) – seen at Pipeline Road and Canopy Lodge
 silverpatch sp. (*Aides* sp.) – seen twice at Canopy Tower
 Trailside Underskipper (*Anthoptus epictetus*) – seen at Las Minas and Altos del Maria; E
 Alismo Brown-Skipper (*Callimormus alismo*) – 1 at Old Gamboa Road
 Radiant Brown-Skipper (*Callimormus radiola*) – seen at Canopy Lodge, Las Minas, and Altos del Maria; E
 Common Brown-Skipper (*Callimormus saturnus*) – seen at Old Gamboa Road and Pipeline Road
 Brazilian Skipper (*Calpododes ethlius*) – seen at Canopy Lodge and Las Minas; E
 Violaceous Ruby-eye (*Carystoides basoches*) – seen three times at Canopy Tower; T
 "Lebbaeus Ruby-eye" (*Carystoides lebbaeus*) – 1 at Canopy Tower
 "Cathaea Ruby-eye" (*Carystoides cathaea*) – 1 at Canopy Tower
 White-edged Ruby-eye (*Cobalus virbius fidicula*) – 1 at Canopy Tower
 Fawn-spotted Skipper (*Cymaenes odilia*) – 1 at Canopy Tower
 Salianish Skipper (*Justinia phaetusa*) – 1 at Las Minas; E
 Orange-headed Metron (*Metron chrysogastra*) – 1 at Canopy Lodge
 Olive Nicon (*Niconiades nikko*) – 1 at Old Gamboa Road
 Nubby-banded Panoquin (*Panoquina evadnes*) – 1 at Canopy Lodge; E
 Common Glassywing (*Pompeius pompeius*) – seen at Old Gamboa Road and Zoo
 Violet-tipped Saliana (*Saliana saladin*) – seen twice at Canopy Tower
 Whitened Faceted-Skipper (*Synapte lutulenta*) – seen twice at Canopy Lodge; E
 Two-toned Fantastic-Skipper (*Vettius lefrenaye*) – 1 at Canopy Tower
 Yellow Fantastic-Skipper (*Vettius marcus aureliu*) – 1 at Canopy Tower

DAMSELFLIES & DRAGONFLIES

Narrow-winged Damselfly (*Argia adamsi*) – seen at Las Minas; E
 Spine-tipped Dancer (*Argia extranea*) – seen at Altos del Maria; E
 Purple Dancer (*Argia pulla*) – seen at Summit Botanic Gardens and Zoo
 Costa Rican Rubyspot (*Hetaerina fuscoguttata*) – seen at Altos del Maria; E
 Racket-tipped Rubyspot (*Hetaerina occisa*) – seen at Semaphore Hill
 Helicopter Damselfly (*Megaloprepus caerulatus*) – seen at Semaphore Hill and Pipeline Road
 Mangrove Darner (*Coryphaeschna viriditas*) – seen at Pipeline Road
 Red-tailed Pennant (*Brachymesia furcata*) – seen at Pipeline Road
 Flame-tailed Pohnhawk (*Erythemis peruviana*) – seen at Ammo Ponds
 Great Pondhawk (*Erythemis vesiculosa*) – seen at El Chiru; E

Black-winged Dragonlet (*Erythrodiplax funereal*) – seen at Summit Botanic Gardens and Zoo
Carmine Skimmer (*Orthemis discolor*) – seen at Pipeline Road and El Chiru
Roseate Skimmer (*Orthemis ferruginea*) – seen at the Canopy Tower and El Chiru
skimmer (*Orthemis levis*) – seen at Altos del Maria; E
Neon Skimmer (*Libellula croceipennis*) – seen at Pipeline Road
skimmer (*Uracis fastigata*) – seen at Pipeline Road
Spot-tailed Dasher (*Micrathryia aequalis*) – seen at Old Gamboa Road
dasher (*Micrathryia ocellata*) – seen at Old Gamboa Road
Wandering Glider (*Pantala flavescens*) – seen at El Chiru; E
Slough Amberwing (*Perithemis domita*) – seen at Summit Botanic Gardens and Zoo
Pallid Amberwing (*Perithemis mooma*) – seen at Summit Ponds
Striped Saddlebags (*Tramea calverti*) – seen at Juan Hombron ricefields; E

MAMMALS

Northern Tamandua – 1 at Pipeline Road
Hoffman's Two-toed Sloth – seen on 5 days
Brown-throated Three-toed Sloth – seen on 8 days, including daily from the Canopy Tower
Western Night Monkey – 4 peering at us from a dead tree at Metro Park
White-throated Capuchin – 1 at Ammo Ponds
Geoffroy's Tamarin – seen in 5 days, including excellent views at Canopy Tower
Mantled Howler Monkey – seen or heard on 8 days, mostly at Canopy Tower
Rothschild's Porcupine – 1 at Metro Park
Red-tailed Squirrel – seen at Pipeline Road and Cara Iguana
Central American Agouti – seen on 5 days, especially around Gamboa
Brazilian (Forest) Rabbit – 2 seen on the night drive at Semaphore Hill
Orange Nectar Bat – the most numerous bat visiting hummingbird feeders at Canopy lodge; E
small bat sp. (possibly Common Long-tongued Bat) – a few visiting hummingbird feeders at
Canopy Lodge; E
White-nosed Coati – seen on 5 days
Kinkajou – 1 seen on the night drive at Semaphore Hill

***AMPHIBIANS & REPTILES**

Cane Toad (*Bufo marinus*) – seen at Canopy Tower and heard every night at Canopy Lodge
Common Rocket Frog (*Colostethus panamensis*) – heard at Canopy Lodge; the “alarm clock”
frog heard in the wee hours of most mornings; E
Talamancan Rocket Frog (*Colostethus talamancae*) – heard at Canopy Lodge; E
Three-striped Rocket Frog (*Colostethus trilineatus*) – heard on night drive at Semaphore Hill
Common Tink Frog (*Eleuthrodactylus diastema*) – heard at Canopy Tower
Common Rain Frog (*Eleuthrodactylus fitzingeri*) – heard at the Canopy Lodge; sounds similar to
a gecko; E
Tungara Frog (*Physalaemus pustulosus*) – heard on 4 days
Giant Whiptail (*Ameiva ameiva*) – seen at Santa Clara; E
Central American Whiptail (*Ameiva festiva*) – seen at Metro Park, Canopy Lodge, and Santa
Clara
Dappled Anole (*Anolis poecilopus*) – this was the “aquatic anole” seen at the Juan Grande (a
slow moving, lowland stream) Bridge on Pipeline Road, that the Smithsonian Institute
grad students had captured and were bringing back to their lab
Slender Anole (*Norops anole*) – seen at Pipeline Road and Canopy Lodge
Water Anole (*Norops aquaticus*) – seen along the stream at Canopy Lodge

Golfo Dulce Anole (*Norops polylepis*) – seen at Pipeline Road
Common Basilisk (*Basiliscus basiliscus*) – seen at the Zoo and Canopy Lodge
Yellow-headed Gecko (*Gonatodes albigularis*) – 1 at Canopy Tower (in Susan's room)
House Gecko (*Hemidactylus frenatus*) – seen or heard on 7 days, especially at Canopy Tower
Green Iguana (*Iguana iguana*) – seen at Canopy Tower, the Zoo, and Gamboa Resort
Canopy Lizard (*Polychurus guttuerosus*) – seen from dining room of the Canopy Tower; known locally as “False/Neotropical Chameleon”
Striped Litter Skink (*Sphenomorphus cherriei*) – seen at Canopy Lodge; E
Tropical Slider (*Chrysemys ornata*) – seen at Summit Ponds
Black River Turtle (*Rhinoclemmys funereal*) – seen at Chagres River, Gamboa Resort, and Summit Ponds
Spectacled Caiman (*Caiman crocodilus*) – seen at Summit Ponds

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