

PANAMA'S CANOPY TOWER

FEBRUARY 3 – 10, 2007

LEADERS: MARSHALL J. ILIFF & JOSÉ SOTO

COMPILED BY: MARSHALL J. ILIFF

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Much has been written about the fine birding (and coffee!) atop the Canopy Tower, and we enjoyed both on our February Panama's Canopy Tower tour. We had wonderful birds throughout the trip: an ant swarm with attendant antbirds and woodcreepers on our very first walk down Semaphore Hill; a tamandua that slowly crossed the road in front of us and went on to climb a tree alongside us; the soaring Black-and-white Hawk-Eagle (a lifer for one of the Canopy Tower guides) over Cerro Azul; a mixed tanager flock on Cerro Azul; shocker Crested Guans along the small trail behind Rosabel's place; a migrant flock of hundreds of Plumbeous Kites at Achiote; and the gaudy and ever-present toucans—any one could be considered the trip highlight.

But what about the night drive? Arguably, we had the best night drive I have been on. It started out with a bang with a perched Crested Owl that sat still for us for minutes (but not long enough for a different Canopy Tower guide to round up his life bird!). That was followed in short order by two night monkeys, a rarely seen nocturnal primate. Add to that two-toed sloth, Great Potoo, two kinkajous, and a Pauraque, and one wonders what could be left. Our grand finale for the night drive was along Semaphore Hill where we had a responsive Choco Screech-Owl ("Vermiculated" according to the AOU—they are behind the times in not recognizing this split). His purring call from the forest understory can be amazingly hard to locate, but persistence paid off, and with me sneaking a short distance into the forest to spotlight him (and take his picture), everyone had good looks. I'm told the group could actually see the owl's heart breaking when I turned to walk away from it.

But even with such a good night drive, one day will stand head-and-shoulders above the rest in my memories—Pipeline! Our visit to Pipeline Road is always one of our more exciting days, since it is the most intact and extensive tract of forest that we visit. It is world-renowned for its species diversity and for its ant swarms, so we set out hoping to see a range of species and maybe connect with an ant swarm. While our first stop was slow (neither leaf-tosser felt like showing itself), things picked up soon thereafter. A Sunbittern walking across the road caused us to slam our vehicles to a halt. It flew, exposing its striking wing pattern, but was relocated in a nearby creek where it foraged along the water's edge by flipping leaves. On occasion it would quickly fan its bold sunspots on the wings, presumably to startle prey into an errant movement.

Excited at our good fortune, I sauntered back to the vehicles for my camera. When I sauntered back, I caught José's eye and he motioned me forward quickly with a look of excitement: ground-cuckoo! A swarm of army ants with attendant antbirds had been active on the opposite side of the road and Jose snuck in to see what was there. He instantly saw the ground-cuckoo and then tried to have us all tiptoe in, since Rufous-vented Ground-Cuckoos are notorious for slipping away at the slightest disturbance. I didn't hope to get everyone on the bird, but thought that if I could find it around the swarm (it was a lifer for me!), then I could get a few people in to see it quickly before it disappeared. When I made it up to the ant swarm, three people were already there watching the cuckoo and the other activity. I tried to have others join us inside the forest as quietly as possible, while Jose found a vantage from outside where the cuckoo could be seen without risk of disturbing it. The group split into the two factions, with those inside the forest getting amazing views of the ground-cuckoo as it hung around a log and made occasional dashes for some prey stirred up by the ants. Since everyone was getting good looks, and since it was a struggle for those outside the forest, I suggested that Jose bring the others inside too. Soon we had 16 people inside the forest with a ground-cuckoo—the cuckoo seemed like it couldn't have cared less! To say that we had walkaway views of the bird would be rubbing salt in the wounds of other VENT leaders who haven't seen this species yet, despite decades of tropical experience, but I do know that I lost track of it after the group's attention shifted towards the myriad antbirds hopping, calling, and foraging around us.

We had six Bicoloreds, four Spotted, and at least one nice Ocellated Antbird, plus three species of woodcreepers, Gray-headed Tanager, and a brazen Greater Ani all foraging inside the forest with us. We didn't see the ground-cuckoo again, but amazingly, the Canopy Tower cell phone tree was activated and two additional groups, one coming from as far away as the tower itself, arrived at the spot hours later to find that the cuckoo had returned! It was an amazing experience and one of my most exciting birds ever in Panama. And the rest of Pipeline was pretty fantastic too!

This was a great trip with a great group. Thanks to all of you who made it so much fun!

Day 1, 3 February: arrival at Canopy Tower (hereafter CT).

Day 2, 4 February: morning at the CT, including a post-breakfast walk on the CT road (down Semaphore Hill); afternoon visit to Ammo Dump Ponds

Day 3, 5 February: morning walk at Tocumen Marsh, including Anew@ trail; lunch at Rosabel's Cerro Azul abode; afternoon walk along Cerro Jefe trail

Day 4, 6 February: all day at Pipeline Rd.; evening visit to Charges River boat ramp

Day 5, 7 February: morning at Gatún Locks and Achioté Rd area; picnic lunch; afternoon birding around Gatún Spillway and Ft Lorenzo; 5:00 p.m. ride across the Isthmus on the PanAm Train

Day 6, 8 February: morning atop the tower followed by a walk along Plantation Trail; afternoon visit to Summit Gardens to see Harpy Eagle enclosure; Night drive from 7:30-9:30 p.m.

Day 7, 9 February: morning at Metro Park in Panama City; late morning trip to Panama Viejo; afternoon visit to Miraflores Locks; stop at Summit area for Rosy Thrush-Tanager on our way home.

Day 8, 10 February: departure for home, final morning at CT for some.

The below list includes all species seen by our group during the tour 3-10 Feb 2007. Locations are listed for as many species as was practical, and I give some general comments on the abundance of each species on the tour. Dates are listed only when the date seen is not clear from the location (e.g., all Achioté Rd sightings will be from 6 Feb). Special highlights are in ALL CAPS; rare or unusual species are underlined. References to the APanama book@ are of course Robert S. Ridgely and John A. Gwynn's 1989 A Guide to the Birds of Panama, 2nd edition. Nomenclature follows the AOU 7th edition and supplements through August 2006.

A' Achioté Rd area; CA' Cerro Azul; G' Gamboa area, including Canopy Tower, Summit/Old Gamboa Rd, and Ammo Dump Ponds; MP' Metro Park; P' Pipeline Rd; PV' Panama Viejo/Panama City; T' Tocumen; (h)' heard only

Great Tinamou *Tinamus major* – G, P; heard by all; glimpsed by a couple people on Pipeline

Gray-headed Chachalaca *Ortalis cinereiceps* – T

CRESTED GUAN *Penelope purpurascens* – CA

Black-eared Wood-Quail *Odontophorus melanotis* – CA; heard by all, but only seen by one lucky person (and José)!

Brown Pelican *Pelecanus occidentalis* – PV; "The Greater Yellow-headed Duck"

Neotropic Cormorant *Phalacrocorax brasilianus* – G, A, PV

Anhinga *Anhinga anhinga* – T, G, A

Magnificent Frigatebird *Fregata magnificens* – G, PV, A

Rufescent Tiger-Heron *Tigrisoma lineatum* – G; one of the Ammo Dump specialties, we had great views of an adult

Great Blue Heron *Ardea herodias* – T, G, A, PV

COCO HERON *Ardea cocoi* – T; a total of 12 at Tocumen was a record count for me; this species seems to be increasing here

Great Egret *Ardea alba* – T, G, A, PV
Snowy Egret *Egretta thula* – T, G, A, PV
Little Blue Heron *Egretta caerulea* – T, G, A, PV
Tricolored Heron *Egretta tricolor* – T, G, A
Cattle Egret *Bubulcus ibis* – T, A
Green Heron *Butorides virescens* – T, G, A
Striated Heron *Butorides striata* – T
Black-crowned Night-Heron *Nycticorax nycticorax* – T
Yellow-crowned Night-Heron *Nyctanassa violacea* – PV; a single immature only
Boat-billed Heron *Cochlearius cochlearius* – T
White Ibis *Eudocimus albus* – T, PV
Glossy Ibis *Plegadis falcinellus* – T; scarce in Panama, we had a flock of 20+ at Tocumen
Wood Stork *Mycteria americana* – T
Black Vulture *Coragyps atratus* – all
Turkey Vulture *Cathartes aura* – all; the subspecies here, *ruficollis*, looks quite different from those in the United States
Lesser Yellow-headed Vulture *Cathartes burrovianus* – T; amazingly good looks
King Vulture *Sarcoramphus papa* – CA, G
Osprey *Pandion haliaetus* – G, T, PV, A
Gray-headed Kite *Leptodon cayanensis* – G; Plantation Trail
Swallow-tailed Kite *Elanoides forficatus* – CA
Pearl Kite *Gampsonyx swainsonii* – T
White-tailed Kite *Elanus leucurus* – T
Snail Kite *Rostrhamus sociabilis* – A ; from the train, including 60 or so going to roost!
Double-toothed Kite *Harpagus bidentatus* – P, A, G; amazing, close views; the "Double-toothed Kite-Pigeon"
Plumbeous Kite *Ictinia plumbea* – A, G; including a migrant kettle of 200 at Achioté
Savanna Hawk *Buteogallus urubitinga* – T, A
Roadside Hawk *Harpyhaliaetus solitarius* – T
Broad-winged Hawk *Buteo ridgwayi* – A
Short-tailed Hawk *Buteo brachyurus* – G, A, P, MP
Swainson's Hawk *Buteo swainsoni* – T; rare in Panama in winter; we had one dark morph
BLACK-AND-WHITE HAWK-EAGLE *Spizastur melanoleucus* – CA; a fantastically exciting bird, we an immature soaring overhead with a King Vulture; amazingly, it was a life bird for the Canopy Tower guide Carlos who was lucky enough to be there too!
Black Hawk-Eagle *Spizaetus tyrannus* – CA
Barred Forest-Falcon *Micrastur ruficollis* – G
Collared Forest-Falcon *Micrastur semitorquatus* – G
Crested Caracara *Caracara cheriway* – T
Yellow-headed Caracara *Milvago chimachima* – G, T, A, PV; one seen from Canopy Tower
Merlin *Falco columbarius* – T; one quick flyby at Tocumen
Bat Falcon *Falco ruficularis* – G
Peregrine Falcon *Falco peregrinus* – T
WHITE-THROATED CRAKE *Laterallus albigularis* – G (h), T; two birds walked right out in the open for us!
Gray-necked Wood-Rail *Aramides cajanea* – G; great looks at Gamboa Resort
Purple Gallinule *Porphyrio martinica* – T, G, A
Common Moorhen *Gallinula chloropus* – G; Gamboa Resort
SUNBITTERN *Eurypyga helias* – P; a major highlight wa having this bird walk across Pipeline Rd. in front of us. Later it fed in the stream by tossing leaves aside and occasionally flashing its wing pattern to try to startle prey. A unique, monotypic family.
Southern Lapwing *Vanellus chilensis* – T, PV; "The Lesser Lapwing-Duck"
Black-bellied Plover *Pluvialis squatarola* – PV
Killdeer *Charadrius vociferus* – T
Black-necked Stilt *Himantopus mexicanus* – T, PV
Wattled Jacana *Jacana jacana* – G, T, A, PV; over 100 at Tocumen was a high count

Spotted Sandpiper *Actitis macularius* – T, A, PV
Solitary Sandpiper *Tringa solitaria* – T
Greater Yellowlegs *Tringa melanoleuca* – T
Willet *Tringa semipalmata* – T, PV
Lesser Yellowlegs *Tringa flavipes* – T
Whimbrel *Numenius phaeopus* – PV
Marbled Godwit *Limosa fedoa* – PV
Red Knot *Calidris canutus* – PV
Western Sandpiper *Calidris mauri* – PV
Least Sandpiper *Calidris minutilla* – PV
Short-billed Dowitcher *Limnodromus griseus* – PV; also a flyby dowitcher sp. at Tocumen which could have been either species
Laughing Gull *Larus atricilla* – PV
Sandwich Tern *Thalasseus bergii* – PV
Rock Pigeon *Columba livia* – towns
Pale-vented Pigeon *Patagioenas cayennensis* – G, PV
Scaled Pigeon *Patagioenas speciosa* – G, MP
Short-billed Pigeon *Patagioenas nigrirostris* – A
Ruddy Ground-Dove *Columbina talpacoti* – G, A, T, MP
Blue Ground-Dove *Claravis pretiosa* – A; three quick flybys
White-tipped Dove *Leptotila verreauxi* – G, A, T, MP
Gray-chested Dove *Leptotila cassini* – G, P
Orange-chinned Parakeet *Brotogeris jugularis* – G, A, MP
Blue-headed Parrot *Pionus menstruus* – A, G, MP
Red-lore Parrot *Amazona autumnalis* – G, A, MP, P; from Canopy Tower and Achiote
Mealy Parrot *Amazona farinosa* – G, A; from Canopy Tower and Achiote
Squirrel Cuckoo *Piaya cayana* – G, A, P, MP
RUFIOUS-VENTED GROUND-CUCKOO *Neomorphus geoffroyi* – P; the unrivaled highlight of the tour, this species is so rarely seen that many of the most active tropical birders need it as a life bird. We were incredibly lucky to have all participants get a scope view!
Greater Ani *Crotophaga major* – G, P, A; including one in the forest following the same antswarm as the ground-cuckoo!
Smooth-billed Ani *Crotophaga ani* – T, A
Vermiculated Screech-Owl *Megascops guatemalae* – G; we had stunning looks at this bird in the spotlight. The form in central Panama (*chocoensis*) has a distinctive purring call and is certainly a different species from the vocally-distinct *vermiculatus* and *guatemalae* to the north. Look for a revision of this complex soon.
Crested Owl *Lophotrix cristata* – G; great looks on our night drive
Lesser Nighthawk *Chordeiles acutipennis* – G; roosting bird in the town of Gamboa
Common Pauraque *Nyctidromus albicollis* – G; on the night drive
Great Potoo *Nyctibius grandis* – G; one roosting on Plantation Trail and one on a nest over the road seen on our night drive
Short-tailed Swift *Chaetura brachyura* – G, MP
Band-rumped Swift *Chaetura spinicaudus* – G
Lesser Swallow-tailed Swift *Panyptila cayennensis* – G, A
Green Hermit *Phaethornis guy* – CA
PALE-BELLIED HERMIT *Phaethornis anthophilus* – T; this bird was trying to bust into the window at the Tocumen offices and gave us 5 minute looks!
Stripe-throated Hermit *Phaethornis striigularis* – MP; formerly Little Hermit, now split.
White-necked Jacobin *Florisuga mellivora* – G, A, P
Black-throated Mango *Anthracothorax nigricollis* – G, T, A
Violet-crowned Woodnymph *Thalurania colombica* – CA; one female seen by some
Violet-bellied Hummingbird *Damophila julie* – G, MP
Sapphire-throated Hummingbird *Lepidopyga coeruleogularis* – T; one female seen by some
Violet-capped Hummingbird *Goldmania violiceps* – CA; females at feeders

Blue-chested Hummingbird *Amazilia amabilis* – G, CA
Snowy-bellied Hummingbird *Amazilia edward* – G, CA, MP; almost a Panama endemic, this species just barely sneaks into se. Costa Rica
Rufous-tailed Hummingbird *Amazilia tzacatl* – G, T, CA, A
Bronze-tailed Plumeleteer *Chalybura buffonii* – CA
White-tailed Trogon *Trogon viridis* – P, A
Violaceous Trogon *Trogon violaceus* – G, A
Black-throated Trogon *Trogon aurantiiventris* – P, MP (h)
Slaty-tailed Trogon *Trogon massena* – P, G
Blue-crowned Motmot *Momotus momota* – P, MP
Rufous Motmot *Baryphthengus martii* – G
Broad-billed Motmot *Electron platyrhynchum* – G, P
Ringed Kingfisher *Ceryle torquatus* – G, T, P ; including one over Pipeline Rd
Amazon Kingfisher *Chloroceryle amazona* – G, T; Gamboa resort
Green Kingfisher *Chloroceryle americana* – G, A
AMERICAN PYGMY KINGFISHER *Chloroceryle aenea* – G; the highlight (along with wood-rails) of a visit to Gamboa Resort
Black-breasted Puffbird *Notharchus pectoralis* – P (h), A, G; one seen well on Plantation Trail
Pied Puffbird *Notharchus tectus* – P, A
White-whiskered Puffbird *Malacoptila panamensis* – G
Spot-crowned Barbet *Capito maculicoronatus* – A; great looks at his specialty bird -- both male and female
Collared Aracari *Pteroglossus torquatus* – P, A, G, MP
Keel-billed Toucan *Ramphastos sulfuratus* – G, P, A, MP
Chestnut-mandibled Toucan *Ramphastos swainsonii* – G, P, A, MP
Black-cheeked Woodpecker *Melanerpes chrysauchen* – P, A
Red-crowned Woodpecker *Melanerpes rubricapillus* – G, A, MP
Cinnamon Woodpecker *Celeus loricatus* – P, G
Lineated Woodpecker *Dryocopus lineatus* – A, P; Karen put us onto a nest on Pipeline
Pale-breasted Spinetail *Synallaxis albescens* – T
Plain Xenops *Xenops minutus* – G, P, MP
Scaly-throated Leaf-tosser *Sclerurus guatemalensis* – P (h)
Plain-brown Woodcreeper *Dendrocincla fuliginosa* – G, P
Northern Barred-Woodcreeper *Dendrocolaptes sanctithomae* – G, P
Cocoa Woodcreeper *Xiphorhynchus susurrans* – G, P, A, MP
Black-striped Woodcreeper *Xiphorhynchus lachrymosus* – P, A
Fasciated Antshrike *Cymbilaimus lineatus* – G, P
Barred Antshrike *Thamnophilus doliatus* – G, A
Western Slaty-Antshrike *Thamnophilus atrinucha* – G, A, P
Spot-crowned Antwren *Dysithamnus puncticeps* – A
Checker-throated Antwren *Myrmotherula fulviventris* – G, A, P
White-flanked Antwren *Myrmotherula axillaris* – A
Dot-winged Antwren *Microrhopias quixensis* – G, A, P
Dusky Antbird *Cercomacra tyrannina* – G, A, MP
White-bellied Antbird *Myrmeciza longipes* – MP
Chestnut-backed Antbird *Myrmeciza exsul* – G, P, A
Spotted Antbird *Hylophylax naevioides* – G, P
Bicolored Antbird *Gymnopithys leucaspis* – G, P; an obligate ant follower
OCELLATED ANT BIRD *Phaenostictus mcleannani* – P; another ant follower
Black-faced Antthrush *Formicarius analis* – G, A
STREAK-CHESTED ANTPITTA *Hylopezus perspicillatus* – P; very hard to see--we had great looks
Brown-capped Tyrannulet *Ornithion brunneicapillus* – G, P
Southern Beardless-Tyrannulet *Camptostoma obsoletum* – G, T, MP
Yellow-crowned Tyrannulet *Tyrannulus elatus* – T, MP
Forest Elaenia *Myiopagis gaimardii* – G, P, MP

Yellow-bellied Elaenia *Elaenia flavogaster* – A, T, G
Yellow-green Tyrannulet *Phylloscartes flavovirens* – MP; seen briefly by a couple people; a Panama endemic!
Paltry Tyrannulet *Zimmerius vilissimus* – G, CA; on nest near Gamboa
Black-capped Pygmy-Tyrant *Myiornis atricapillus* – G; Plantation Trail--amazingly tiny!
Scale-crested Pygmy-Tyrant *Lophotriccus pileatus* – CA
Southern Bentbill *Oncostoma olivaceum* – G, P, A, MP
Common Tody-Flycatcher *Todirostrum cinereum* – G, MP
Olivaceous Flatbill *Rhynchocyclus olivaceus* – P, G
Yellow-margined Flycatcher *Tolmomyias assimilis* – P, G
Golden-crowned Spadebill *Platyrinchus coronatus* – P
Ruddy-tailed Flycatcher *Terenotriccus erythrurus* – P, G
Tropical Pewee *Contopus cinereus* – G; Summit Gardens
Acadian Flycatcher *Empidonax virescens* – G, P, A
Pied Water-Tyrant *Fluvicola pica* – T
Bright-rumped Attila *Attila spadiceus* – P, A
Dusky-capped Flycatcher *Myiarchus tuberculifer* – P, A, G, MP; this is subspecies *nigricapillus*, different from the subspecies *olivaceus* which reaches the U.S.A. in Arizona
Panama Flycatcher *Myiarchus panamensis* – G, T, A
Great Crested Flycatcher *Myiarchus crinitus* – P, G
Lesser Kiskadee *Pitangus lictor* – G, T, A,
Great Kiskadee *Pitangus sulphuratus* – G, T, A, MP
Boat-billed Flycatcher *Megarynchus pitangua* – G, CA
Rusty-margined Flycatcher *Myiozetetes cayanensis* – G
Social Flycatcher *Myiozetetes similis* – G, A, T, MP
Streaked Flycatcher *Myiodynastes maculatus* – G, A, MP
Piratic Flycatcher *Legatus leucophaeus* – G, A, MP
Tropical Kingbird *Tyrannus melancholicus* – G, A, T, MP
Gray Kingbird *Tyrannus dominicensis* – T
Fork-tailed Flycatcher *Tyrannus savana* – T, A
SPECKLED MOURNER *Laniocera rufescens* – P; a rarely seen species
Cinnamon Becard *Pachyramphus cinnamomeus* – A
White-winged Becard *Pachyramphus polychopterus* – A
Masked Tityra *Tityra semifasciata* – P, G
BLUE COTINGA *Cotinga nattererii* – P, A; a female on Pipeline and a stunning male at Achioté
Purple-throated Fruitcrow *Querula purpurata* – P, G; nest-building near the head of Plantation Trail
Golden-collared Manakin *Manacus vitellinus* – A; at the lek
White-ruffed Manakin *Corapipo altera* – CA
LANCE-TAILED MANAKIN *Chiroxiphia lanceolata* – MP; finally perched for scope looks--a great bird
Blue-crowned Manakin *Pipra coronata* – G, P
Red-capped Manakin *Pipra mentalis* – G, P
Yellow-throated Vireo *Vireo flavifrons* – G, MP
Yellow-green Vireo *Vireo flavoviridis* – A
Scrub Greenlet *Hylophilus flavipes* – A, MP; John spotted our first at Achioté
Golden-fronted Greenlet *Hylophilus aurantiifrons* – MP
Lesser Greenlet *Hylophilus decurtatus* – G, P, A, MP
Green Shrike-Vireo *Vireolanius pulchellus* – G, P, A, MP
Black-chested Jay *Cyanocorax affinis* – AP, G (h)
Gray-breasted Martin *Progne chalybea* – G, A, T
Mangrove Swallow *Tachycineta albilinea* – G, A
Northern Rough-winged Swallow *Stelgidopteryx serripennis* – G
Southern Rough-winged Swallow *Stelgidopteryx ruficollis* – G, T,
Barn Swallow *Hirundo rustica* – G
WHITE-HEADED WREN *Campylorhynchus albobrunneus* – A; an amazingly cooperative bird on Achioté
Bay Wren *Thryothorus nigricapillus* – A (h)

Rufous-breasted Wren *Thryothorus rutilus* – G, MP
Buff-breasted Wren *Thryothorus leucotis* – G, T ; nest-building at Tocumen
Plain Wren *Thryothorus modestus* – G, T, MP
House Wren *Troglodytes aedon* – G, CA, MP; this subspecies *inquietus* is very different from U.S.A. House Wrens, both in song and appearance. Some authors split birds south of southern Mexico as Southern House Wren (*T. musculus*), though the AOU has not adopted this.
White-breasted Wood-Wren *Henicorhina leucosticta* – G, P (h), MP (h)
Scaly-breasted Wren *Microcerculus marginatus* – CA; George apparently saw the bird; we all heard it
Song Wren *Cyphorhinus phaeocephalus* – A (h)
Long-billed Gnatwren *Ramphocaenus melanurus* – G (h), MP
Tropical Gnatcatcher *Poliophtila plumbea* – G, A, P, MP
Clay-colored Robin *Turdus grayi* – G, A, T, MP
Tropical Mockingbird *Mimus gilvus* – G, T; these birds are introduced here
Golden-winged Warbler *Vermivora chrysoptera* – G; on our first walk down from the tower
Tennessee Warbler *Vermivora peregrina* – G, T, MP
Yellow Warbler *Dendroica petechia* – G, A, T, MP
Chestnut-sided Warbler *Dendroica pensylvanica* – G, A, MP
Yellow-rumped Warbler *Dendroica coronata* – G; two at Summit Gardens were actual rarities in Panama
Bay-breasted Warbler *Dendroica castanea* – G, CA, P, MP
Black-and-white Warbler *Mniotilta varia* – G, T, P, MP
Prothonotary Warbler *Protonotaria citrea* – G, T
Northern Waterthrush *Seiurus noveboracensis* – G, T, MP
Rufous-capped Warbler *Basileuterus rufifrons* – CA
Bananaquit *Coereba flaveola* – CA, A
Rosy Thrush-Tanager *Rhodinocichla rosea* – G; our last new bird of the trip; good looks by most
Gray-headed Tanager *Eucometis penicillata* – G, P
White-shouldered Tanager *Tachyphonus luctuosus* – G, P, A, MP
White-lined Tanager *Tachyphonus rufus* – A
Red-crowned Ant-Tanager *Habia rubica* – MP
Red-throated Ant-Tanager *Habia fuscicauda* – P
Hepatic Tanager *Piranga flava* – CA; Panamanian birds are of the subspecies *testacea*, which is allied with the *lutea* group of South America rather than the *hepatica* group of the U.S.A. and northern Central America. This is a very likely future split. Panamanian birds differ from USA birds in having a different multi-noted call and lacking the grayish ear patch. If split, these may be known as Highland Hepatic-Tanager.
Summer Tanager *Piranga rubra* – G, T, A, MP
Crimson-backed Tanager *Ramphocelus dimidiatus* – G, T, A, MP
Flame-rumped Tanager *Ramphocelus flammigerus* – A
Blue-gray Tanager *Thraupis episcopus* – G, T, A, MP
Palm Tanager *Thraupis palmarum* – G, T, A, MP
Plain-colored Tanager *Tangara inornata* – G, A, MP; a class favorite!
Bay-headed Tanager *Tangara gyrola* – CA
Golden-hooded Tanager *Tangara larvata* – G, CA, P, MP
Scarlet-thighed Dacnis *Dacnis venusta* – CA
Blue Dacnis *Dacnis cayana* – G, P, A
Green Honeycreeper *Chlorophanes spiza* – G, CA
Shining Honeycreeper *Cyanerpes lucidus* – G, CA, P, MP; one at Semaphore Hill along with others at Gamboa
Red-legged Honeycreeper *Cyanerpes cyaneus* – G, MP
Blue-black Grassquit *Volatinia jacarina* – T, A
Variable Seedeater *Sporophila americana* – G, T, A, MP; many subspecies occur, the ones in western Chiriquí (hoffmanni) which we saw have a dark throat, unlike Canal Zone *hicksii*.
Yellow-bellied Seedeater *Sporophila nigricollis* – G, A, MP
Ruddy-breasted Seedeater *Sporophila minuta* – T, G, A
Thick-billed Seed-Finch *Oryzoborus funereus* – G, T, MP
Yellow-faced Grassquit *Tiaris olivaceus* – CA; Nubbs' bird at Cerro Azul!

Black-striped Sparrow *Arremonops conirostris* – T, MP
Streaked Saltator *Saltator striatipectus* – G
Buff-throated Saltator *Saltator maximus* – G, T, MP
Black-headed Saltator *Saltator atriceps* – A
Slate-colored Grosbeak *Saltator grossus* – G (h)
Blue-black Grosbeak *Cyanocompsa cyanooides* – G, MP
Red-breasted Blackbird *Sturnella militaris* – A
Great-tailed Grackle *Quiscalus mexicanus* – common
Shiny Cowbird *Molothrus bonariensis* – G, T
Bronzed Cowbird *Molothrus aeneus* – T; one female in with Shinies
Giant Cowbird *Molothrus oryzivorus* – A, G
Orchard Oriole *Icterus spurius* – T
Yellow-backed Oriole *Icterus chrysater* – G, A
Yellow-tailed Oriole *Icterus mesomelas* – G, A
Baltimore Oriole *Icterus galbula* – G
Yellow-billed Cacique *Amblycercus holosericeus* – A (h)
Scarlet-rumped Cacique *Cacicus uropygialis* – G, P
Yellow-rumped Cacique *Cacicus cela* – A, G, MP
Crested Oropendola *Psarocolius decumanus* – A
Chestnut-headed Oropendola *Psarocolius wagleri* – G, P, A, MP
Yellow-crowned Euphonia *Euphonia luteicapilla* – T, A, MP
Thick-billed Euphonia *Euphonia lanirostris* – G, T, CA, MP
Fulvous-vented Euphonia *Euphonia fulvicrissa* – G, A
Black-bellied Whistling-Duck *Dendrocygna autumnalis* – G; six flew out the Chagres
Slaty-backed Forest-Falcon *Micrastur mirandollei* – G; heard from the tower

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NORTHERN TAMANDUA *Tamandua mexicana* – G; Marshall's lifer!
Brown-throated Three-toed Sloth *Bradypus variegatus* – G
Hoffman's Two-toed Sloth *Choloepus hoffmanni* – G; on night drive
Nine-banded Armadillo *Dasypus novemcinctus* – G
Common Tent-making Bat *Uroderma bilobatum* – MP
Geoffroy's Tamarin *Saguinus geoffroyi* – MP, G
WESTERN NIGHT MONKEY *Aotus lemurinus* – G; two on night drive were a highlight
White-faced Capuchin *Cebus capucinus* – A
Mantled Howler Monkey *Alouatta pallidata* – G, P, A
Variiegated Squirrel *Sciurus variegatoides* – G
Red-tailed Squirrel *Sciurus granatensis* – G
Central American Agouti *Dasyprocta punctata* – G
Forest Rabbit *Sylvilagus brasiliensis* – G
White-nosed Coati *Nasua narica* – G
Kinkajou *Potos flavus* – G; two on the night drive