

Western Panama: Tranquilo Bay | Species List October 13 – 20, 2023 | with Naturalist Journeys



With Robert Gallardo & Roger and 5 participants: Lou, Deb, Lenore, Harold, and Martha

Compiled by Robert Gallardo

(HO)= Distinctive enough to be counted as heard only

(I)= Introduced

(RE)= Regional Endemic

Summary: 239 birds, 11 mammals, 11 reptiles & amphibians, 16 insects

BIRDS (239 species recorded, of which 11 were heard only):

TINAMOUS: Tinamidae (1)

Great Tinamou *Tinamus major*—(HO) Two heard on Popa island during one of the boat trips.

GUANS AND CURASSOWS: Cracidae (1)

Gray-headed Chachalaca *Ortalis cinereiceps*—A few briefly seen along Snyder Canal.

DUCKS, GEESE AND SWANS: Anatidae (3)

Black-bellied Whistling-Duck *Dendrocygna autumnalis*— Small flocks seen perched along the banks on Changuinola River.

Muscovy Duck *Cairina moschata*—One female seen along the shoreline of the Changuinola River.

Blue-winged Teal *Spatula discors*— A single bird seen as we travelled from TB to the mainland. Small numbers seen along Changuinola River.

PIGEONS AND DOVES: Columbidae (7)

Rock Dove *Columba livia* (I)—Seen in Panama City and a few in cities en route to the Palo Seco area.

Pale-vented Pigeon *Patagioenas cayennensis*—Observed almost daily around TB, on grounds, and during boat rides. Small numbers seen along Snyder Canal and Changuinola River.

Short-billed Pigeon *Patagioenas nigrirostris*—Small numbers seen on TB grounds almost daily. Frequently observed perched in *Cecropia* trees and often feeding low in the *Miconia* shrubs.

Ruddy Pigeon *Patagioenas subvinacea*—Several observed in the La Fortuna area on Oct. 19th. In appearance, it is virtually identical to the Short-billed Pigeon.

Ruddy Ground-Dove *Columbina talpacoti*—Two were observed in the parking lot at the Radisson hotel. A few more were observed along the road around Punto Robalo.

White-tipped Dove *Leptotila verreauxi*—One briefly seen as it flew across the Changuinola River while we were having lunch.

Gray-chested Dove *Leptotila cassinii*—(HO)—One calling from the nearby underbrush while we were up on the tower at TB.

CUCKOOS AND ALLIES: Cuculidae (2)

Groove-billed Ani *Crotophaga sulcirostris*—Small numbers seen in wetlands near Punta Robalo, Snyder Canal, and Changuinola River.

Squirrel Cuckoo *Piaya cayana*—One seen during the day trip to the Fortunas reserve. Another seen during the boat trip near the entrance of Snyder canal.

NIGHTJARS: Caprimulgidae (2)

Common Nighthawk *Chordeiles minor*—Two observed from the TB dock at dusk on Day 3.

Short-tailed Nighthawk *Lurocalis semitorquatus*—Two seen on a day roost along Snyder Canal. Incredible spotting by Roger.

POTOOS: Nyctibiidae (1)

Great Potoo *Nyctibius grandis*—More incredible spotting by Roger. One on a day roost high up in the trees as we approached the Changuinola River.

SWIFTS: Apodidae (3)

Swift sp. *Chaetura* sp.—Numerous small swifts were seen from the tower at TB on Day 2.

White-collared Swift *Streptoprocne zonaris*—A large flock seen twice near the Fortuna reservoir.

Lesser Swallow-tailed Swift *Panyptila cayennensis*—Several observed at fairly close range from tower at TB on Day 2.

HUMMINGBIRDS: Trochilidae (17)

White-necked Jacobin *Florisuga mellivora*—Males and females observed several times in the TB gardens.

Bronzy Hermit *Glaucis aeneus*—Observed by some in gardens at TB on various days and another along the Snyder Canal.

Green Hermit *Phaethornis guy*—Several seen in the La Fortuna highlands on Oct. 19th. Frequently observed feeding on *Heliconia* blooms.

Stripe-throated Hermit *Phaethornis striigularis*—Seen in the gardens almost daily at TB and two more during the boat trip along Snyder Canal.

Purple-crowned Fairy *Heliathryx barroti*—One seen only by Martha at TB near her cabin.

Green-breasted Mango *Anthracothorax prevostii*—Two seen close to the boat dock at TB.

Blue-throated Goldentail *Chlorestes eliciae*—Observed through the scope at TB during one walk. On another day there, two were observed chasing each other.

Snowcap *Microchera albocoronata*—One female and a male were seen feeding along the Palo Seco ridgeline road. Several more males observed at the same flowers on Oct. 19th. This area is highly recommended to visit during each tour.

White-bellied Mountain-gem (RE) *Lampornis hemileucus*—One male was observed numerous times feeding on red flowers along the Palo Seco ridgeline road. It was again seen in the same vicinity on Oct. 19th.

Scintillant Hummingbird (RE) *Selasphorus scintilla*—Briefly observed in the La Fortuna highlands.

Garden Emerald (RE) *Chlorostilbon assimilis*—This tiny hummingbird is more typical of the lowlands, but one was seen in the Palo Seco area.

Crowned Woodnymph *Thalurania colombica*—Seen almost daily in the gardens at TB, including females. A male and female were seen along the Palo Seco ridgeline road.

White-tailed Emerald (RE) *Microchera chionura*—Another great sighting on the trip to La Fortuna on Oct. 19th.

Blue-chested Hummingbird *Amazilia amabilis*—Observed several times in the gardens at TB.

Green-fronted Lancebill *Doryfera ludovicae*—One seen well along the Palo Seco ridgeline road where it was perched inside the dark forest. We all got great scope views.

Snowy-bellied Hummingbird *Saucerottia edward*—One observed in the La Fortuna area on Oct. 19th. In this part of Panama, it occurs principally on the Pacific slope.

Rufous-tailed Hummingbird *Amazilia tzacatl*—The most common species in the area. Frequently seen feeding on the Porterweed flowers in the TB gardens.

RAILS, COOTS AND ALLIES: Rallidae (4)

Common Gallinule *Gallinula galeata*—Pair of adults and a family seen along the Changuinola River.

Purple Gallinule *Porphyrio martinica*—Two immatures seen before reaching the Changuinola River and one adult on the river.

White-throated Crake *Laterallus albigularis*—(HO) in the latter part of Snyder Canal and again in the lowlands near Punto Robalo.

Gray-breasted Crake *Laterallus exilis*—(HO) along the road near Punto Robalo.

STILTS AND AVOCETS: Recurvirostridae (1)

Black-necked Stilt *Himantopus mexicanus*—Several seen along the shore of Changuinola River.

LAPWINGS AND PLOVERS: Charadriidae (4)

Black-bellied Plover *Pluvialis squatarola*—One seen along a shoreline at the mouth of the Changuinola River.

Southern Lapwing *Vanellus chilensis*—Several seen along the shoreline of the Changuinola River.

Collared Plover *Charadrius collaris*— One seen along a shoreline at the mouth of the Changuinola River.

Semipalmated Plover *Charadrius semipalmatus*— One seen near the mouth of the Changuinola River as it flew in front of the boat.

LIMPKIN: Aramidae (1)

Limpkin *Aramus guarauna*—Several seen during the boat trip through the Snyder Canal and the Changuinola River.

JACANAS: Jacanidae (1)

Northern Jacana *Jacana spinosa*—Several seen in pastures near Punta Robalo. Many adults and young seen along Snyder Canal and Changuinola River.

SANDPIPERS AND ALLIES: Scolopacidae (6)

Whimbrel *Numenius phaeopus*—One observed on wood piling en route from TB to mainland on Day 3. Observed again on Oct. 19th.

Ruddy Turnstone *Arenaria interpres*— One seen flying, then landed, on a rocky islet covered with Frigatebirds adjacent to Bird Island.

Sanderling *Calidris alba*— A few seen along the shoreline near the mouth of the Changuinola River.

Spotted Sandpiper *Actitis macularius*—One seen in mangrove estuary near Popa Island on Day 2. A few more seen along a shoreline at Changuinola River.

Willet *Tringa semipalmata*—One seen along a shoreline near the mouth of the Changuinola River.

Wilson's Phalarope *Phalaropus tricolor*— Two observed perched in the water along the Changuinola River. This is apparently a rare sighting on the Caribbean side of Panama.

GULLS AND TERNS: Laridae (5)

Laughing Gull *Leucophaeus atricilla*—A few seen at the airport at Bocas de Toro on Day 1. A few more seen on the wood pilings near the town of Boca del Toro.

Black Tern *Chlidonias niger*—Small numbers seen in lagoons during boat rides as well as leaving Bird Island.

Royal Tern *Thalasseus maximus*—Small numbers observed in the lagoon around TB. A dozen or more seen in at Punta Robalo. Perhaps 150 or more were seen on the wood pilings near the town of Boca del Toro, including about 10 with bands.

Sandwich Tern *Thalasseus sandvicensis*—A few seen on the wood pilings near Punta Robalo.

Brown Noddy *Anous stolidus*—Three observed at Bird Island and were photographed while perched. Two more were seen as they foraged amidst many Black Terns not far from TB.

TROPICBIRDS: Phaethontidae (1)

Red-billed Tropicbird *Phaethon aethereus*—Many seen in the vicinity of Bird Island, including numerous nesting individuals. Panama's only breeding colony of this magnificent bird.

FRIGATEBIRDS: Fregatidae (1)

Magnificent Frigatebird *Fregata magnificens*—Small numbers observed daily, especially during boat excursions. Several dozen were perched on a rocky islet adjacent to Bird Island.

BOOBIES AND GANNETS: Sulidae (1)

Brown Booby *Sula leucogaster*—Many observed on and around Bird Island, including immatures of various ages on the islet. Small numbers seen in lagoon during boat excursions.

ANHINGAS: Anhingidae (1)

Anhinga *Anhinga anhinga*—Martha spotted the only one along the Changuinola River.

CORMORANTS: Phalacrocoracidae (1)

Neotropic Cormorant *Phalacrocorax brasilianus*—Small numbers observed near Punta Robalo, Changuinola River, and during some boat excursions.

PELICANS: Pelecanidae (1)

Brown Pelican *Pelecanus occidentalis*—Observed in small numbers on most days, especially during boat excursions.

HERONS AND EGRETS: Ardeidae (8)

Pinnated Bittern *Botaurus pinnatus*—Roger spotted one next to the road in a marsh where one is known to occur. It crept away some distance before it stopped and we were able to see parts of its body through the scope.

Great Blue Heron *Ardea herodias*—One seen in the mangroves near TB. One also seen along Changuinola River.

Great Egret *Ardea alba*—A few observed on bay on Day 1 en route to TB. More seen near Punta Robalo and at wetland rest stop en route to Palo Seco. Dozen or so seen along Changuinola River. Others seen perched in the mangroves during most boat excursions and a small flock that was attempting to land on Bird Islands.

Snowy Egret *Egretta thula*—Small numbers seen along the Changuinola River.

Little Blue Heron *Egretta caerulea*—Small numbers seen in mangroves during boat excursions. A few seen along Snyder Canal and Changuinola River.

Cattle Egret *Bubulcus ibis*—A few seen in the wetlands near Punta Robalo close to the water buffalo.

Green Heron *Butorides virescens*—One seen in the wetlands near Punta Robalo. A few seen along Snyder Canal, Changuinola River and in the mangroves during boat excursions.

Yellow-crowned Night-Heron *Nyctanassa violacea*—One seen by the boat dock at Punto Robalo. A couple seen along Snyder Canal and Changuinola River.

IBIS AND SPOONBILLS: Threskiornithidae (1)

Green Ibis *Mesembrinibis cayennensis*—Several seen in the wetlands near Punta Robalo. Several others observed near the dock at TB.

Storks: Ciconiidae (2)

Jabiru *Jabiru mycteria*—Two observed at long range in the wetlands near Punto Robalo. Apparently, they hadn't been observed since we saw them there last year.

Wood Stork *Mycteria americana*—Two seen in a field near Punta Robalo and others migrating with vultures and raptors.

NEW WORLD VULTURES: Cathartidae (3)

King Vulture *Sarcorampus papa*—Three adults soaring low during one of the stops en route to Palo Seco.

Black Vulture *Coragyps atratus*—Small numbers usually seen daily.

Turkey Vulture *Cathartes aura*—Observed almost daily. Several thousand migrating birds seen on Day 3 as we descended from Palo Seco.

OSPREY: Pandionidae (1)

Osprey *Pandion haliaetus*—Individuals observed almost daily during boat rides.

HAWKS, KITES AND EAGLES: Accipitridae (9)

Gray-headed Kite *Leptodon cayanensis*—One seen soaring high above the mangroves during our first trip to Popa Island. Another perched on a dead snag on a distant ridgeline during our second stop to Palo Seco.

Black Hawk-Eagle *Spizaetus tyrannus*—One observed at TB, soaring exceedingly high. Nonetheless, we could still hear its definitive piping call.

Double-toothed Kite *Harpagus bidentatus*—One seen at close range in the gardens at TB, immediately after a rain shower.

Mississippi Kite *Ictinia mississippiensis*—A group of 30 seen near Punta Robalo on our return trip from Palo Seco on Oct. 15th.

Common Black-Hawk *Buteogallus anthracinus*—One observed at close range in the mangroves at TB. Several more adults and immatures observed along Snyder Canal and the Changuinola River.

Roadside Hawk *Rupornis magnirostris*—One observed on Day 3 near Punto Robalo. Another observed in the gardens at TB and one along the Changuinola River.

White Hawk *Pseudastur albicollis*—Two seen as they began to soar during the first stop to Palo Seco.
Broad-winged Hawk *Buteo platypterus*— Only a few scattered individuals seen during some of the boat excursions out of TB. Perhaps a total of several thousand seen as we approached Punto Robalo on Oct. 15th. Smaller numbers seen once again on the afternoon of the 19th.
Swainson's Hawk *Buteo swainsoni*—One seen during the boat ride to Popa Island on Day 2. Small numbers seen mixed in with the Broad-winged's on the 15th. A few seen on the afternoon of the 19th.

TROGONS: Trogonidae (2)

Collared Trogon *Trogon caligatus*—One orange-bellied race seen along the Palo Seco ridgeline.
Slaty-tailed Trogon *Trogon massena*—One seen at the second stop en route to Palo Seco.

KINGFISHERS: Alcedinidae (5)

Ringed Kingfisher *Megaceryle torquata*—One observed during the boat ride to Popa Island and another near the Green Acres chocolate farm. A few seen along Snyder Canal and Changuinola River.
Belted Kingfisher *Megaceryle alcyon*— Seen twice during boat rides to Popa Island. At least two more seen along Snyder Canal and Changuinola River.
Amazon Kingfisher *Chloroceryle amazona*— Two seen along Snyder Canal and Changuinola River.
American Pygmy Kingfisher *Chloroceryle aenea*—Two separate individuals observed; one along Snyder Canal and the other as we approached the Changuinola River.
Green Kingfisher *Chloroceryle americana*—Only one seen along Snyder Canal.

MOTMOTS: Momotidae (1)

Broad-billed Motmot *Electron platyrhynchum*—Two seen by the group in the mist covered mountain at Palo Seco on Oct. 19th.

TOUCANS: Ramphastidae (3)

Collared Aracari *Pteroglossus torquatus*—At least two calling from the forest during the first boat ride to Popa Island. A few seen briefly in the La Fortuna area on Oct. 19th.
Yellow-throated Toucan *Ramphastos ambiguus*—Individuals seen and/or heard around Popa Island and en route to Palo Seco.
Keel-billed Toucan *Ramphastos sulfuratus*— A few individuals seen and/or heard around Popa Island and en route to Palo Seco.

WOODPECKERS: Picidae (6)

Acorn Woodpecker *Melanerpes formicivorus*—A few of this wide ranging species were observed in the La Fortuna area on Oct. 19th.
Red-crowned Woodpecker *Melanerpes rubricapillus*—One seen by Robert and Martha in the Hotel Radisson parking lot. Another seen by everyone at the pond at the rest stop in Chiriqui.
Black-cheeked Woodpecker *Melanerpes pucherani*—Observed frequently in gardens and mangroves at TB. A few seen en route to Palo Seco area. A few seen along Snyder Canal and Changuinola River.
Pale-billed Woodpecker *Campephilus guatemalensis*—Two seen on Popa Island during an afternoon boat ride.
Lineated Woodpecker *Dryocopus lineatus*—One seen at the onset of the Snyder Canal.
Golden-olive Woodpecker *Colaptes rubiginosus*—One seen well in the Palo Seco area on Oct. 19th.

FALCONS AND CARACARAS: Falconidae (7)

Crested Caracara *Caracara cheriway*—One seen along the road in the Punta Robalo lowlands on Day 3.

Yellow-headed Caracara *Milvago chimachima*—One seen by Robert and Martha in the parking lot of the Radisson Hotel. One seen on Popa Island that believed it was going to steal a fish from an Osprey.

Laughing Falcon *Herpetotheres cachinnans*—One seen along the Palo Seco ridgeline road as it was being chased off by a Bat Falcon. One also heard only in the La Fortuna area on Oct. 19th.

Merlin *Falco columbarius*—One seen perched in a tree near Punto Robalo.

Bat Falcon *Falco ruficularis*—One seen soaring high during a boat ride to Popa Island. The other one seen was chasing the above Laughing Falcon.

Peregrine Falcon *Falco peregrinus*—Small numbers seen almost daily at most sites and likely represented migrating individuals.

American Kestrel *Falco sparverius*—A large female was observed flying over the bus at the back end of the Albrook airport.

PARROTS: Psittacidae (7)

Orange-chinned Parakeet *Brotogeris jugularis*—At least 150+ seen by Robert and Martha around the Hotel Radisson parking lot.

Blue-headed Parrot *Pionus menstruus*—Heard almost daily during the trip in small numbers with most being fly-bys.

Red-lored Parrot *Amazona autumnalis*—Large numbers observed almost daily as pairs went to roost, passing over TB. Some fed fairly low on a large fruiting vine in the TB gardens. A few were seen along Snyder Canal and Changuinola River.

Mealy Parrot *Amazona farinosa*—Small numbers seen from tower at TB as they flew to their roost site.

Sulphur-winged Parakeet *Pyrrhura hoffmanni* (RE)—A small flock was briefly observed on the second stop en route to Palo Seco area as they disappeared into some distant trees.

Olive-throated Parakeet *Eupsittula nana*—A small flock was seen in the lowlands near Punto Robalo.

Crimson-fronted Parakeet *Psittacara finschi*—A small flock was seen flying overhead near Punto Robalo on Oct. 19th.

ANTBIRDS: Thamnophilidae (5)

Great Antshrike *Taraba major*—(HO) One calling from the brush in the lowlands near Punto Robalo.

Black-crowned Antshrike *Thamnophilus atrinucha*—Quite common on the TB grounds. Often seen foraging in the shrubs near the cabins.

Dot-winged Antwren *Microrhophias quixensis*—Two males and a female were observed at TB as they foraged in a shrub low to the ground. Seemed to be an odd behavior for this species.

Chestnut-backed Antbird *Poliocrania exsul*—Fairly common in the forest at TB and observed there by some.

Zeledon's Antbird *Hafferia zeledoni*—One male briefly seen in the underbrush along the Palo Seco ridgeline road.

OVENBIRDS AND WOODCREEPERS: Furnariidae (3)

Cocoa Woodcreeper *Xiphorhynchus susurrans*—Several calling from the forest along the Snyder Canal. One briefly seen in the La Fortuna area on Oct. 19th.

Streak-headed Woodcreeper *Lepidocolaptes souleyetii*—One seen well along the Snyder Canal.

Plain Xenops *Xenops minutus*—One seen foraging in the mangroves at Popa Islands.

MANAKINS: Pipridae (2)

White-collared Manakin *Manacus candei*—The orange-collared race was seen frequently at TB, especially while feeding on *Miconia* fruits.

Red-capped Manakin *Ceratopipra mentalis*—A male and female were seen feeding on *Miconia* fruits in TB gardens on Day 2 as well as other days at TB.

COTINGAS: Cotingidae (2)

Purple-throated Fruitcrow *Querula purpurata*—A male and female were seen well at the Green Acres chocolate farm.

Snowy Cotinga *Carpodectes nitidus*—One male was briefly seen during the first boat ride to Popa Island on Day 2. During the third attempt, several males were seen.

BECARDS AND TITYRAS: Tityridae (2)

Black-crowned Tityra *Tityra inquisitor*—Seen several times in the gardens at TB.

Masked Tityra *Tityra semifasciata*—Two observed in gardens at TB on Day 2.

TYRANT FLYCATCHERS: Tyrannidae (19)

Common Tody-Flycatcher *Todirostrum cinereum*—Heard numerous times along the Snyder Canal. Observed along the road near Punto Robalo.

Yellow-bellied Elaenia *Elaenia flavogaster*—Briefly seen by Robert and Martha in front of the Radisson Hotel.

Torrent Tyrannulet *Serpophaga cinerea*—One observed from a distance along a boulder-strewn river en route to Palo Seco. It was being chased upstream and out of sight by two Black Phoebes.

Mistletoe Tyrannulet *Zimmerius parvus*—One seen during one of the roadside stops en route to Palo Seco.

Olive-sided Flycatcher *Contopus cooperi*—One seen in the gardens at TB on the first day. Seemed like an odd place to see this migrating species.

Eastern Wood-Pewee *Contopus virens*—Seen daily at most places. Many migrating individuals.

Empidonax sp.—Many individuals seen, mostly on the grounds of TB. None were vocalizing. Wing pattern and eye ring lead me to believe many were Acadian, but unsure.

Yellow-bellied Flycatcher *Empidonax flaviventris*—One observed during a roadside stop en route to the Palo Seco area. Readily identified by voice.

Black Phoebe *Sayornis nigricans*—Seen at Fortuna Dam during the lunch break.

Bright-rumped Attila *Attila spadiceus*—One observed from the restaurant deck at TB.

Dusky-capped Flycatcher *Myiarchus tuberculifer*—One observed from the restaurant deck at TB.

Great Crested Flycatcher *Myiarchus crinitus*—A few observed in gardens at TB.

Great Kiskadee *Pitangus sulphuratus*—Observed almost daily at most destinations.

Boat-billed Flycatcher *Megarynchus pitangua*—One pair observed during the first boat trip to Popa Island. Another seen from the restaurant deck at TB.

Social Flycatcher *Myiozetetes similis*—A pair seen on the third stop en route to the Palo Seco area on Day 3.

Gray-capped Flycatcher *Myiozetetes granadensis*—One seen along the road during a stop near Punto Robalo.

Rusty-margined Flycatcher *Myiozetetes cayanensis*—A pair observed by Robert and Martha in the Radisson Hotel parking lot.

Tropical Kingbird *Tyrannus melancholicus*—Small numbers seen at various sites.

Eastern Kingbird *Tyrannus tyrannus*—A small flock was seen flying along the Changuinola River.

VIREOS: Vireonidae (3)

Lesser Greenlet *Pachysylvia decurtata*—Observed by some in the gardens at TB. Others heard along Snyder Canal.

Red-eyed Vireo *Vireo olivaceus*—Observed almost daily in gardens at TB as they fed on *Miconia* fruits. Small numbers recorded at other sites.

Yellow-green Vireo *Vireo flavoviridis*—One briefly observed feeding in a *Trema* tree en route to Palo Seco.

CROWS AND JAYS: Corvidae (2)

Brown Jay *Psilorhinus morio*—(HO) Heard from a field next to the gas station at Chiriqui. Squawking when a Crested Caracara flew by.

Black-chested Jay *Cyanocorax affinis*—(HO) A couple heard calling deep in the forest at the Green Acres chocolate farm.

SWALLOWS AND MARTINS: Hirundinidae (5)

Southern Rough-winged Swallow *Stelgidopteryx ruficollis*—At least two observed en route to Palo Seco on Day 3 and small numbers of the Changuinola River.

Gray-breasted Martin *Progne chalybea*—A few observed from the tower at TB. Small numbers seen along the Changuinola River and they descended to drink.

Mangrove Swallow *Tachycineta albilinea*—Small numbers seen along Changuinola River.

Bank Swallow *Riparia riparia*—A few observed flying over open water en route to Popa Island.

Barn Swallow *Hirundo rustica*—Small to medium-sized flocks seen during arrival day as well as other days during boat rides. Small numbers seen along Changuinola River.

GNATCATCHERS: Polioptilidae (2)

Long-billed Gnatwren *Ramphocaenus melanurus*—A pair seen briefly along the Snyder Canal.

White-browed Gnatcatcher *Polioptila bilineata*—Seen very well from tower at TB on numerous days.

WRENS: Troglodytidae (8)

House Wren *Troglodytes aedon*—One observed during one of the roadside stops en route to Palo Seco.

Ochraceous Wren *Troglodytes ochraceus* (RE)—Seen by Martha and Roger along the Palo Seco ridgeline road.

Black-throated Wren *Pheugopedius atrogularis*—(HO) along the Snyder Canal.

Canebrake Wren *Cantorchilius zeledoni* (RE)—Seen well during a landing along the Snyder Canal.

Isthmian Wren *Cantorchilius elutus* (RE)—(HO) in the La Fortuna area on Oct. 19th.

Bay Wren *Cantorchilus nigricapillus*—Heard at various places during the trip, but one seen very well as it perched on a palm frond during the boat trip on the Snyder Canal.

White-breasted Wood-Wren *Henicorhina leucosticta*—(HO) One calling from within the forest along the Palo Seco ridgeline road.

Gray-breasted Wood-Wren *Henicorhina leucophrys*—Seen briefly in the underbrush in the La Fortuna area on Oct. 19th.

MOCKINGBIRDS AND THRASHERS: Mimidae (1)

Tropical Mockingbird *Mimus gilvus*—A pair seen by Robert and Martha in the Radisson Hotel parking lot. Another one seen in a village near Punto Robalo.

THRUSHES: Turdidae (5)

Slaty-backed Nightingale-Thrush *Catharus fuscater*—One seen briefly in the underbrush along the Palo Seco ridgeline road.

Veery *Catharus fuscescens*—A few individuals seen at TB. Seen feeding on *Miconia* fruits.

Swainson's Thrush *Catharus ustulatus*—Seen daily virtually everywhere we visited. Also seen feeding on *Miconia* fruits.

Gray-cheeked Thrush—One observed in the gardens by some at TB.

Clay-colored Thrush *Turdus grayi*—Quite the uncommon species in the area. A couple seen on the TB grounds.

FINCHES AND EUPHONIAS: Fringillidae (6)

Golden-browed Chlorophonia *Chlorophonia callophrys*—One briefly observed in the La Fortuna area on Oct. 19th.

Yellow-crowned Euphonia *Euphonia luteicapilla*—One briefly observed during the gas station stop in Chiriqui.

Olive-backed Euphonia *Euphonia gouldi*—A pair seen feeding on *Trema* fruits en route to Palo Seco. Another one seen at the beginning of the Snyder Canal.

White-vented Euphonia *Euphonia minuta*—Small group seen well from tower at TB as they fed on *Miconia*.

Tawny-capped Euphonia *Euphonia annae*—A male was seen by some during one of the stops en route to Palo Seco.

Lesser Goldfinch *Spinus psaltria*—Seen well along the road in the La Fortuna area.

NEW WORLD SPARROWS: Passerellidae (4)

Common Chlorospingus *Chlorospingus flavopectus*—A small flock seen well along the Palo Seco ridgeline road.

Black-striped Sparrow *Arremonops conirostris*—One observed along road near Punto Robalo.

Rufous-collared Sparrow *Zonotrichia capensis*—Several of this widespread species seen well in the highlands on Oct. 19th.

White-naped Brushfinch *Atlapetes albinucha*—A pair of this colorful bird was seen in the highlands on Oct. 19th.

NEW WORLD BLACKBIRDS: Icteridae (7)

Eastern Meadowlark *Sturnella magna*—One briefly seen in a cattle pasture along the Changuinola River.

Red-breasted Meadowlark *Sturnella militaris*—Several seen in a field near Punta Robalo on Day 3. Several also along the Changuinola River, including a bright male that perched on a close by fence.

Montezuma Oropendola *Psarocolius montezuma*—Small numbers seen around TB and during the boat ride around Popa Island. Some seen along the Snyder Canal and Changuinola River.

Scarlet-rumped Caciue *Cacicus uropygialis*—One observed from a distance as it perched atop a leafless tree en route to Palo Seco.

Baltimore Oriole *Icterus galbula*—Only one seen during the lunch stop along the Changuinola River.

Giant Cowbird *Molothrus oryzivorus*—One female was observed in the TB gardens as it was being fed by a female Montezuma Oropendola.

Great-tailed Grackle *Quiscalus mexicanus*—Seen by some at hotels in Panama City. Some seen in the lowlands around Punta Robalo.

NEW WORLD WARBLERS: Parulidae (13)

Northern Waterthrush *Parkesia noveboracensis*—Seen almost daily on the grounds at TB. Individuals seen elsewhere.

Prothonotary Warbler *Protonotaria citrea*—A few were observed around TB and during the boat ride to Popa Island. A couple seen along Snyder Canal.

Tennessee Warbler *Oreothlypis peregrina*—Two seen from tower at TB.

Olive-crowned Yellowthroat *Geothlypis semiflava*—(HO) Two heard calling amidst the thick aquatic vegetation along a channel near the Changuinola River.

Bay-breasted Warbler *Setophaga castanea*—Small numbers seen at TB and at stops en route to Palo Seco. Much fewer individuals than last year.

Blackburnian Warbler *Setophaga fusca*—A few observed in the gardens at TB and en route to Palo Seco. Others observed along the Snyder Canal.

Yellow Warbler *Setophaga petechia*—Two seen along the Changuinola River and another in the TB gardens.

Mangrove Yellow Warbler *Setophaga petechia erithachorides*—One male and female seen in the mangroves near Popa Island.

Chestnut-sided Warbler *Setophaga pensylvanica*—A few observed in the gardens at TB and others seen during the trip to Palo Seco on Day 3.

MacGillivray's Warbler *Oporornis tolmiei*—Two females observed along the Palo Seco ridgeline road. There, at its extreme southern wintering grounds.

Buff-rumped Warbler *Myiothlypis fulvicauda*—One briefly seen along the main road en route to Palo Seco on Day 3.

Costa Rican Warbler *Basileuterus melanotis*—One observed numerous times along the ridgeline at Palo Seco.

Slate-throated Redstart *Myioborus miniatus*—Observed in the La Fortuna highlands on Oct. 19th.

CARDINALS, GROSBEAKS AND ALLIES: Cardinalidae (7)

Summer Tanager *Piranga rubra*—Small numbers seen almost daily at most sites. A few seen along the Snyder Canal.

Scarlet Tanager *Piranga olivacea*—Many winter plumaged individuals observed in the gardens at TB and others en route to Palo Seco. A few seen along the Snyder Canal.

Red-throated Ant-Tanager *Habia fuscicauda*—A couple of females were briefly seen during the boat ride along Snyder Canal.

Rose-breasted Grosbeak *Pheucticus ludovicianus*—Two females were observed at the first stop en route to Palo Seco on Day 3. Another observed in the TB gardens. A few were also seen along the Snyder Canal.

Blue-black Grosbeak *Cyanoloxia cyanooides*—One briefly seen from the restaurant deck at TB.

Indigo Bunting *Passerina cyanea*—A winter plumaged male seen from the restaurant deck at TB.

Dickcissel *Spiza americana*—Six were seen perched in a small shrub during a landfall stop along the Snyder Canal.

TANAGERS AND ALLIES: Thraupidae (21)

Tawny-crested Tanager *Tachyphonus delatrii*—A few briefly observed in the gardens at TB.

Crimson-backed Tanager *Ramphocelus dimidiatus*—Observed by Robert and Martha in the Radisson Hotel parking lot.

Scarlet-rumped Tanager *Ramphocelus passerinii*—A male was seen near the beach at Popa Island. A couple also seen en route to the Palo Seco highlands. Small numbers seen along the Snyder Canal.

Blue-gray Tanager *Thraupis episcopus*—Several seen en route to Palo Seco on Day 3. A few seen along the Snyder Canal.

Palm Tanager *Thraupis palmarum*—Several seen in *Cecropias* en route to Palo Seco. Often observed from the tower at TB as they fed on *Miconia* fruits.

Golden-hooded Tanager *Tangara larvata*—Two seen along the Snyder Canal.

Plain-colored Tanager *Tangara inornata*—Observed at TB where they fed on *Miconia* fruits. A few seen along the Snyder Canal.

Bay-headed Tanager *Tangara gyrola*—Observed by some on the second stop en route to Palo Seco. Also observed in the La Fortuna highlands on Oct. 19th.

Silver-throated Tanager *Tangara icterocephala*—A few were observed in the La Fortuna area on Oct. 19th.

Scarlet-thighed Dacnis *Dacnis venusta*—Many observed well in the Palo Seco area with most feeding on *Trema* fruits.

Blue Dacnis *Dacnis cayana*—One male seen once by some at the TB tower.

Shining Honeycreeper *Cyanerpes lucidus*—A pair of females seen by some at the TB tower on Day 1.

Green Honeycreeper *Chlorophanes spiza*—A male and female were seen en route to Palo Seco on Day 3 where they were feeding on *Trema* fruits.

Blue-black Grassquit *Volatinia jacarina*—A couple of males seen by Robert and Martha near the Radisson Hotel parking lot.

Thick-billed Seed-Finch *Sporophila funerea*—One seen along the ridgeline at Palo Seco on Oct. 19th.

Nicaraguan Seed-Finch *Sporophila nuttingi* (RE)—A male and female seen well just as we entered the Snyder Canal.

Variable Seedeater *Sporophila corvina*—Several males and females in gardens at TB and en route to Palo Seco.

Morelet's Seedeater *Sporophila moreletti*—A richly colored male was seen by the gas station at Chiriqui.

Bananaquit *Coereba flaveola*—Seen in small numbers at most sites. A few seen along the Snyder Canal.

Buff-throated Saltator *Saltator maximus*—A pair seen along the Snyder Canal.

Cinnamon-bellied Saltator *Saltator grandis*—A pair seen along the Snyder Canal.

MAMMALS (11 species recorded):

Gray Four-eyed Opossum *Philander opossum*—During one evening, two different individuals came in at the same time to feed on bananas placed along the restaurant deck. Both were skittish and hard to photograph.

Derby's Woolly Opossum *Caluromys derbianus*—One evening, one came in to feed on bananas along the restaurant deck. It remained there, allowing for great photography.

Brown-throated Three-toed Sloth *Bradypus variegatus*—Observed almost daily on the TB grounds. Counted up to five different individuals, including one with young.

Hoffmann's Two-toed Sloth *Choloepus hoffmanni*—One seen in the mangroves between the boat dock and facilities at TB. Another seen during a boat ride to Popa Island.

Variable Squirrel *Sciurus variegatoides*—A black-and-white patterned individual was seen by Robert and Martha near the Radisson Hotel parking lot.

Red-tailed Squirrel *Sciurus granatensis*—One seen during the boat ride on Snyder Canal.

White-throated Capuchin *Cebus capucinus*—A small troop was seen almost daily at TB near the restaurant where they came in to eat bananas.

Mantled Howler Monkey *Alouatta palliata*—We only heard them during one of the stops to the Palo Seco area.

River Otter *Lontra longicaudis*— One seen along the Changuinola River.

Lesser White-lined Bat *Saccopteryx leptura*—Small numbers seen resting on the sides of one of the cabins at TB.

Common Bottlenose Dolphin *Tursiops truncatus*— A few seen on the arrival day at TB. At least five present as we approached the Green Acres chocolate farm.

REPTILES AND AMPHIBIANS (11 species recorded):

Spectacled Caiman *Caiman crocodius*—Two seen in emergent vegetation along the Changuinola River.

Green Iguana *Iguana iguana*—Several small ones were seen along Snyder Canal.

Strawberry Poison Dart Frog *Oophaga pumilio*—A dark red morph was seen during a stop along the Snyder Canal.

Green-and-black Poison Dart Frog *Dendrobates auratus*—Several seen at the Green Acres chocolate farm. One individual was atop the discarded cocoa shells which were attracting many fruit flies. Another one was being eaten by the Red-bellied Litter Snake which, according to Roger, had never been documented with photos.

Brown Basilisk *Basiliscus vittatus*—Seen several times on the grounds at TB.

Helmeted Basilisk *Corytophanes cristatus*—A young one was observed at TB just inside the forest.

Middle American Ameiva *Holocosus festivus*—Several seen on the grounds at TB.

Yellow-headed Gecko *Gonatodes albogularis*—Two females and one male seen at the Green Acres chocolate farm.

Brown Vinesnake *Oxybelis aeneus*—An individual hung around the stairwell leading to the TB restaurant for two days. Allowed for some great photography.

Red-bellied Litter Snake *Rhadinaea decorata*—One seen at the Green Acres chocolate farm as it was devouring a poison dart frog. This species was purported to eat these venomous amphibians, but had never been photo-documented.

Green Palm Pit-Viper *Bothriechis lateralis*—Incredible spotting by Roger of this lovely snake during the outing to the highlands on Oct. 19th.

INSECTS (16 species recorded):

Mimic Tigerwing *Melinaea lilis*—Two of these mimics were feeding on *Ageratum* en route to Palo Seco.

White-spot Ithomia *Ithomia hyaline* (RE)—Many seen and photographed at the second stop en route to Palo Seco. They were feeding on *Ageratum*.

Heraldica Clearwing *Ithomia heraldica*—Striking bronze-colored species. Two seen on the *Ageratum* flowers en route to Palo Seco.

Timna Clearwing *Pseudoscada pusio* (RE)—One seen feeding on *Ageratum* en route to Palo Seco.

Lysimnia Tigerwing *Mechanitis lysimnia macrinus*—Several seen on *Ageratum* flowers en route to Palo Seco.

Variegated Clearwing *Godyris zavaleta*—A stunning amber-colored male was feeding on *Ageratum* en route to Palo Seco.

White-tipped Cycadian *Eumaeus godartii*—Many adults seen inside the forest at TB.

Lampeto Metalmark *Caria mantinea*—This stunning brown and metallic green metalmark was feeding on a white Asteraceae during a stop to Palo Seco. We were able to see it in the scope as it was along the edge of the road.

Long-tailed Metalmark *Rhetus arcus*—This stunning, tiny species was seen feeding on Bitter Vine close to the *Ageratum* patch en route to Palo Seco.

Giant Swallowtail *Heraclides rumiko*—Seen daily in the gardens at TB, especially feeding on the Porterweed.

Green-celled Cattleheart *Parides childrenae*—Lovely males seen daily in the gardens at TB, feeding mostly on Porterweed.

Tiger Mimic-Queen *Lycorea halia*—One seen on *Ageratum* flowers en route to Palo Seco.

Postman *Heliconius erato*—One seen in the gardens at TB and at Green Acres.

Five-spotted Longwing *Heliconius hecalesia*—A lovely longwing seen by all and photographed in the gardens at TB.

Jesia Satyr *Euptychia jesia*—Two of these tiny satyrs seen on the grounds at TB. Their hostplant, *Selaginella*, is common there.

Menelaus Morpho *Morpho menelaus*—One male seen twice at the second stop en route to Palo Seco on Day 3.