

# Panama: Tranquilo Bay | Species List

## October 15-22, 2022 | with Naturalist Journeys



**With Robert Gallardo & Roger and 10 participants: Hugh, Karl, Gina, Sally, Ginny, Eric, Cynthia, Debra, Willie & Betsy**

Compiled by Robert Gallardo

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

(I)= Introduced

(RE)= Regional Endemic

**Summary:** 252 birds, 9 mammals, 12 reptiles & amphibians, 14 marine life, 24 insects

### **BIRDS (252 species recorded, of which 14 were heard only):**

#### **TINAMOUS: Tinamidae (1)**

**Little Tinamou** *Crypturellus soui*—HO at Green Acres.

#### **GUANS AND CURASSOWS: Cracidae (1)**

**Gray-headed Chachalaca** *Ortalis cinereiceps*—A few seen at Kozenda Gardens and some along Snyder Canal.

#### **DUCKS, GEESE AND SWANS: Anatidae (2)**

**Black-bellied Whistling-Duck** *Dendrocygna autumnalis*—A small flock seen perched along the bank on Changuinola River. A small flock also seen after leaving Albrook airport on Day 8.

**Blue-winged Teal** *Spatula discors*—One small flock seen en route to Popa Island on Day 2 and another flock en route to the mainland on Day 3. Small numbers seen along Changuinola River.

#### **PIGEONS AND DOVES: Columbidae (5)**

**Rock Dove** *Columba livia*—Seen in Panama City and Bocas del Toro airport area.

**Pale-vented Pigeon** *Patagioenas cayennensis*—Numerous observed around Popa Island on Day 2 and a few in the lowlands near Punta Robalo on Day 2. Small numbers seen along Snyder Canal and Changuinola River.

**Short-billed Pigeon** *Patagioenas nigrirostris*—Small numbers seen on TB grounds almost daily.

**Ruddy Pigeon** *Patagioenas subvinacea*—Two were observed perched on the third stop along highway en route to Palo Seco on Day 2. In appearance, virtually identical to Short-billed Pigeon.

**Ruddy Ground-Dove** *Columbina talpacoti*—A few observed in the lowlands near Punta Robalo.

#### **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 along main road during Day 3.

#### **NIGHTJARS: Caprimulgidae (2)**

**Lesser Nighthawk**—Many observed from tower at TB at dusk on Day 1.

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

### **POTOOS: Nyctibiidae (1)**

**Common Potoo** *Nyctibius griseus*—One seen by some who went kayaking into the mangroves at TB.

### **SWIFTS: Apodidae (6)**

**Black Swift** *Cypseloides niger*—Small numbers seen daily from the tower at TB.

**Swift sp.** *Cypseloides* sp.—Dark, medium-sized swifts were seen daily from the tower. Was probably either Spot-fronted or White-chinned.

**White-collared Swift** *Streptoprocne zonaris*—Small numbers seen along the ridgeline at Palo Seco on Day 3 and larger flocks seen there on Day 7.

**Chimney Swift** *Chaetura pelagic*—One large flock seen near Popa Island on Day 2.

**Lesser Swallow-tailed Swift** *Panyptila cayennensis*—Several observed at fairly close range from tower at TB and seen there daily.

**Gray-rumped Swift** *Chaetura cinereiventris*—Many seen flying low along the road en route to Palo Seco on Day 3.

### **HUMMINGBIRDS: Trochilidae (16)**

**White-necked Jacobin** *Florisuga mellivora*—One male seen almost daily in TB gardens. One also seen in Kozenda Gardens.

**Bronzy Hermit** *Glaucis aeneus*—Observed by some in gardens at TB on various days and another in Kozenda Gardens. One also seen along Snyder Canal.

**Band-tailed Barbthroat** *Threnetes ruckeri*—One seen very well at Kozenda Gardens on feeders.

**Long-billed Hermit** *P. longirostris*—One seen in the gardens at TB. Two seen along Snyder Canal.

**Stripe-throated Hermit** *Phaethornis striigularis*—Seen in the gardens at TB and Kozenda.

**Purple-crowned Fairy** *Heliostyris barroti*—One very cooperative bird in the gardens at TB that fed on a yellow-flowering tree.

**Green-breasted Mango** *Anthracothorax prevostii*—One male and two females seen in the gardens at TB as they were catching gnats.

**Blue-throated Goldentail** *Chlorestes eliciae*—One observed by some in the patch of forest at TB as well as feeding on porterweed there.

**Green Thorntail** *Discosura conversii*—One female seen multiple times on Day 7 along the upper ridge road at Palo Seco. It was feeding on small, red flowers that grew from the stem of a small shrub.

**Snowcap** *Microchera albocoronata* – Two females and two males were seen feeding alongside the Green Thorntail on Day 7.

**Purple-throated Mountain-gem** *Lampornis calolaemus* **(RE)**—A female observed well several times as it fed on a small flowering shrub along the Palo Seco side road.

**Crowned Woodnymph** *Thalurania colombica*—A male seen well in the gardens at TB and many at the feeders at Kozenda. One male seen at the second stop en route to Palo Seco.

**White-tailed Emerald** *Elvira chionura*— One observed at the Fortuna Dam during our lunch break. Was feeding on flowers along the road cut.

**Blue-chested Hummingbird** *Amazilia amabilis*—One observed well in the gardens at TB and at Kozenda.

**Snowy-bellied Hummingbird** *Amazilia edward*— One observed at the Fortuna Dam during our lunch break. Was feeding on flowers along the road cut.

**Rufous-tailed Hummingbird** *Amazilia tzacatl*—Observed well in the gardens at TB and Kozenda. One also observed in the highlands along the side road at Palo Seco.

### **RAILS, COOTS AND ALLIES: Rallidae (3)**

**Purple Gallinule** *Porphyrio martinica*—One immature seen along Changuinola River.

**White-throated Crake** *Laterallus albigularis*—HO in the lowlands around Punto Robalo. Many heard in the marshes toward the latter part of Snyder Canal.

**Uniform Crake** *Amaurolimnas concolor*—HO at TB on Day 2.

### **STILTS AND AVOCETS: Recurvirostridae (1)**

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

**LAPWINGS AND PLOVERS: Charadriidae (5)**

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

**Southern Lapwing** *Vanellus chilensis*—Two seen in a field with water buffalo near Punta Robalo.

**Collared Plover** *Charadrius collaris*— Several seen along a shoreline at Changuinola River resting with other plovers.

**Semipalmated Plover** *Charadrius semipalmatus*— Many seen along a shoreline at Changuinola River resting amongst debris.

**Wilson's Plover** *Charadrius wilsonia*—One seen along a shoreline at 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 (9)**

**Whimbrel** *Numenius phaeopus*—Several observed on wood pilings en route from TB to mainland on Day 2.

**Ruddy Turnstone** *Arenaria interpres*— One seen along a shoreline at Changuinola River.

**Sanderling** *Calidris alba*— Small numbers seen along a shoreline at Changuinola River

**Sandpiper sp.** *Calidris sp.*—Numerous, black-billed sandpipers were seen along the shoreline near the mouth of Changuinola River.

**Short-billed Dowitcher** *Limnodromus griseus*— Small numbers seen along a shoreline at Changuinola River.

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

**Solitary Sandpiper** *Tringa solitaria*—One seen along a shoreline at Changuinola River.

**Willet** *Tringa semipalmata*—A few seen along a shoreline at Changuinola River.

**Yellowlegs sp.** *Tringa sp.*—One seen at Albrook airport after landing on Day 8.

**GULLS AND TERNS: Laridae (5)**

**Laughing Gull** *Leucophaeus atricilla*—A few seen at the airport at Bocas de Toro on Day 1.

**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 lagoon around TB. A dozen or more seen in at Punta Robalo.

**Sandwich Tern** *Thalasseus sandvicensis*—Two seen near Punta Robalo.

**Black Skimmer** *Rynchops niger*— Four seen along a shoreline at Changuinola River.

**TROPICBIRDS: Phaethontidae (1)**

**Red-billed Tropicbird** *Phaethon aethereus*—Many seen in 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. Several hundred seen en route to Snyder Canal and later around Bird Island. An odd gathering of so many birds.

**BOOBIES AND GANNETS: Sulidae (1)**

**Brown Booby** *Sula leucogaster*—Many observed on and around Bird Island, including immatures of various ages on the islet.

**ANHINGAS: Anhingidae (1)**

**Anhinga** *Anhinga anhinga*—Seen by some in Panama City.

### **CORMORANTS: Phalacrocoracidae (1)**

**Neotropic Cormorant** *Phalacrocorax brasilianus*—Small numbers observed near Punta Robalo and Changuinola River.

### **PELICANS: Pelecanidae (1)**

**Brown Pelican** *Pelecanus occidentalis*—Observed in small numbers on most days.

### **HERONS AND EGRETS: Ardeidae (10)**

**Rufescent Tiger-Heron** *Tigrisoma lineatum*—One adult seen along the forest trail at TB where there was a small stream crossing.

**Great Blue Heron** *Ardea herodias*—One seen in the mangroves on Day 2. One 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 pond at rest stop en route to Palo Seco. Dozen or so seen along Changuinola River.

**Snowy Egret** *Egretta thula*—Two at the pond behind the rest area en route to Palo Seco. A few seen along Snyder Canal and Changuinola River.

**Little Blue Heron** *Egretta caerulea*—1 immature seen in mangroves on Day 2 and another in pond at the rest stop en route to Palo Seco. A few seen along Snyder Canal and Changuinola River.

**Tricolored Heron** *Egretta tricolor*—One seen in mangroves on return boat ride on Day 3. One along Changuinola River.

**Cattle Egret** *Bubulcus ibis*—A few seen in wetlands near Punta Robalo close to the water buffalo. A few seen along Snyder Canal and Changuinola River.

**Green Heron** *Butorides virescens*—One seen in wetlands near Punta Robalo. A few seen along Snyder Canal and Changuinola River.

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

**Boat-billed Heron** *Cochlearius cochlearius*—One observed on day roost behind rest area en route to Palo Seco.

### **IBIS AND SPOONBILLS: Theskiornithidae (2)**

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

**Glossy Ibis** *Plegadis falcinellus*—A small flock of a dozen seen along Changuinola River.

### **Storks: Ciconiidae (2)**

**Jabiru** *Jabiru mycteria*—Two observed at close range in wetlands near Punto Robalo on return from Palo Seco on Day 3.

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

### **NEW WORLD VULTURES: Cathartidae (2)**

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

**Turkey Vulture** *Cathartes aura*—Observed almost daily. Several hundred migrating birds seen on Day 2 during the boat ride. On Day 7 probably 150,000+ observed migrating along lowlands near Punta Robalo then as we approached Chiriqui.

### **OSPREY: Pandionidae (1)**

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

### **HAWKS, KITES AND EAGLES: Accipitridae (10)**

**Black Hawk-Eagle** *Spizaetus tyrannus*—One observed at the Green Acres Chocolate Farm.

**Double-toothed Kite** *Harpagus bidentatus*—One seen on two different days in the outer gardens at TB.

**Mississippi Kite** *Ictinia mississippiensis*—1,000+ seen at the boat dock at Punta Robalo on Day 7 as they were lifting out of the nearby forest. Vast majority were in juvenile plumage.

**Common Black-Hawk** *Buteogallus anthracinus*—One observed at close range in the mangroves at TB on Day 2. One seen at Green Acres and another perched along the Changuinola River.

**Great Black-Hawk** *Buteogallus urubitinga*—One observed in scope view during the lunch break at Fortuna Dam. It then joined a second individual above the spillway.

**Roadside Hawk** *Rupornis magnirostris*—One observed on Day 2 during the boat ride to Popa Island. Seen at Green Acres and two along the Changuinola River.

**White Hawk** *Pseudastur albicollis*—One seen at Green Acres.

**Broad-winged Hawk** *Buteo platypterus*— One seen mixed in with the Turkey Vultures during the boat ride on Day 2. Small numbers of mostly perched individuals were seen on Day 3 along the route to Palo Seco. On Day 7 we calculate there were 150,000+ seen in the am hours around Punta Robalo and then as we approached Chiriqui. In the afternoon large numbers were also seen migrating overhead as we approached the lowlands.

**Short-tailed Hawk** *Buteo brachyurus*—One observed by some during boat ride to Popa Island. A black morph was seen in the gardens at TB.

**Swainson's Hawk** *Buteo swainsoni*—One seen mixed in with the Turkey Vultures during the boat ride on Day 2. On Day 7 we calculate there were 100,000+ seen in the am hours around Punta Robalo and then as we approached Chiriqui.

#### **OWLS: Strigidae (1)**

**Mottled Owl** *Ciccaba virgata*—One heard on the evening of Day 3 around the TB restaurant.

#### **TROGONS: Trogonidae (2)**

**Gartered Trogon** *Trogon caligatus*—One seen at Green Acres.

**Slaty-tailed Trogon** *Trogon massena*—One seen at Green Acres.

#### **KINGFISHERS: Alcedinidae (5)**

**Ringed Kingfisher** *Megaceryle torquata*—Two observed at the pond behind the rest stop en route to Palo Seco. A few seen along Snyder Canal and Changuinola River.

**Belted Kingfisher** *Megaceryle alcyon*— One seen along Snyder Canal and Changuinola River.

**Amazon Kingfisher** *Chloroceryle amazona*— One seen along Snyder Canal and Changuinola River.

**American Pygmy Kingfisher** *Chloroceryle aenea*—

**Green Kingfisher** *Chloroceryle americana*—One observed at the pond behind the rest stop en route to Palo Seco. One seen along Snyder Canal and Changuinola River.

#### **MOTMOTS: Momotidae (2)**

**Rufous Motmot** *Baryphthengus martii*—One seen by some at the Kozenda Gardens.

**Broad-billed Motmot** *Electron platyrhynchum*—One seen well along the road en route to Palo Seco on Day 3.

#### **TOUCANS: Ramphastidae (3)**

**Collared Aracari** *Pteroglossus torquatus*—A few observed on the third stop en route to Palo Seco on Day 3. Seen at Green Acres and one along the Changuinola River.

**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. Seen at Green Acres and along Snyder Canal and Changuinola River.

#### **WOODPECKERS: Picidae (5)**

**Red-crowned Woodpecker** *Melanerpes rubricapillus*—One briefly seen at the pond at the rest stop in Chiriqui on Day 7.

**Black-cheeked Woodpecker** *Melanerpes pucherani*—Two observed in gardens at TB from the tower. A few seen en route to Palo Seco area. A few seen along Snyder Canal and Changuinola River.

**Pale-billed Woodpecker** *Campephilus guatemalensis*—

**Lineated Woodpecker** *Dryocopus lineatus*—One seen atop a large snag in the Punta Robalo lowlands on Day 3. One seen along the Changuinola River.

**Smoky-brown Woodpecker** *Dryobates fumigatus*—One heard along the ridgeline road at Palo Seco on Day 7.

#### **FALCONS AND CARACARAS: Falconidae (4)**

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

**Yellow-headed Caracara** *Milvago chimachima*—Individuals seen around TB and during various outings. A few seen along Snyder Canal and Changuinola River.

**Merlin** *Falco columbarius*—Two were seen together on first day at TB. Another seen in the highlands at Palo Seco. Seen at Green Acres and along the Changuinola River.

**Peregrine Falcon** *Falco peregrinus*—One observed during the boat around Popa Island on Day 2. One seen by TB upon returning from the Changuinola River.

#### **PARROTS: Psittacidae (7)**

**Red-fronted Parrotlet** *Touit costaricensis*—Flock of about 8 individuals seen along Snyder Canal. Apparently an altitudinal migrant in this area.

**Brown-hooded Parrot** *Pyrilia haematotis*—Small flock observed around Popa Island during boat ride on Day 2.

**Blue-headed Parrot** *Pionus menstruus*—Observed almost daily during the trip in small numbers. A few seen along Snyder Canal and Changuinola River.

**Red-lored Parrot** *Amazona autumnalis*—Large numbers observed almost daily as pairs went to roost, passing over TB. A few seen along Snyder Canal and Changuinola River.

**Mealy Parrot** *Amazona farinosa*—Small numbers seen from tower at TB as they flew to roost site. A few seen along Snyder Canal and Changuinola River.

**Sulphur-winged Parakeet** *Pyrrhura hoffmanni* (RE)—Small flocks observed on the third stop en route to Palo Seco area. Observed well in scope as they fed on figs.

**Olive-throated Parakeet** *Eupsittula nana*—One perched pair seen in gardens at TB.

#### **ANTBIRDS: Thamnophilidae (4)**

**Black-crowned Antshrike** *Thamnophilus atrinucha*—A male and female were observed on the grounds of TB during a walk on Day 2.

**White-flanked Antwren** *Myrmotherula axillaris*—One briefly observed at TB as it accompanied a mixed flock along the back garden area adjacent to the forest.

**Dot-winged Antwren** *Microrhopias quixensis*—A male/female pair observed by some at TB on Day 2 and Day 4.

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

#### **TAPACULOS: Rhinocryptidae (1)**

**Silvery-fronted Tapaculo** *Scytalopus argeentifrons*—One briefly seen along the ridgeline road at Palo Seco.

#### **OVENBIRDS AND WOODCREEPERS: Furnariidae (7)**

**Wedge-billed Woodcreeper** *Glyphorhynchus spirurus*—Two observed on Day 3 along the route to Palo Seco and another at Green Acres.

**Cocoa Woodcreeper** *Xiphorhynchus susurrans*—Observed at Green Acres and heard along the Snyder Canal.

**Streak-headed Woodcreeper** *Lepidocolaptes souleyetii*—Observed at Green Acres.

**Northern Barred Woodcreeper** *Dendrocolaptes sanctithomae*—One observed by some at close range on the third stop to Palo Seco on Day 3.

**Lineated Foliage-Gleaner** *Syndactyla subalaris*—One briefly observed along the side road atop Palo Seco as it fed with a mixed flock.

**Spotted Barbtail** *Premnoplex brunnescens*—One briefly seen along the ridgeline at Palo Seco on Day 7 as it accompanied a mixed flock.

**Red-faced Spinetail** *Cranioleuca erythroptera*—Two observed well atop Palo Seco as they fed amidst a mixed flock.

### **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 (1)**

**Snowy Cotinga** *Carpodectes nitidus*—One male and two females were seen during the am boat ride near Popa Island on Day 2. During the pm boat ride a male was observed low and at close range in the same area.

**Three-wattled Bellbird** *Procnias tricarunculatus*—HO from the tower at TB on arrival day and HO by Betsy on Day 7.

### **BECARDS AND TITYRAS: Tityridae (3)**

**Black-crowned Tityra** *Tityra inquisitor*—Seen by some in the gardens at TB.

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

**Cinnamon Becard** *Pachyramphus cinnamomeus*—

**White-winged Becard** *Pachyramphus polychopterus*—HO at the back gardens at TB.

### **TYRANT FLYCATCHERS: Tyrannidae (25)**

**Stub-tailed Spadebill** *Platyrinchus cancrominus*—One seen in the gardens at TB on Day 6.

**Slaty-capped Flycatcher** *Leptogon superciliaris*—One seen briefly atop Palo Seco on Day 3 as it accompanied a mixed flock.

**Brown-capped Tyrannulet** *Ornithion brunneicapillus*—A pair seen at the beginning of Snyder Canal.

**Ochre-bellied Flycatcher** *Mionectes oleagineus*—One observed at Green Acres.

**Black-capped Pygmy-Tyrant** *Myiornis atricapillus*—One observed well during the first stop en route to Palo Seco area on Day 3.

**Scale-crested Pygmy-Tyrant** *Lophotriccus pileatus*—HO along the ridgeline road at Palo Seco on Day 7.

**Common Tody-Flycatcher** *Todirostrum cinereum*—One observed at the pond behind the rest stop en route to Palo Seco and two along the Snyder Canal.

**Black-headed Tody-Flycatcher** *Todirostrum nigriceps*—A pair seen along the Snyder Canal.

**Yellow-bellied Elaenia** *Elaenia flavogaster*—One seen by some during the boat ride to Popa Island.

**Yellow Tyrannulet** *Capsiempis flaveola*—Pair seen along channel between Snyder Canal and Changuinola River.

**Olive-sided Flycatcher** *Contopus cooperi*—One seen by some along the ridgeline road at Palo Seco on Day 7.

**Eastern Wood-Pewee** *Contopus virens*—One seen in gardens at TB (id by voice).

*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.

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

**Bright-rumped Attila** *Attila spadiceus*—HO at Kozenda Gardens.

**Dusky-capped Flycatcher** *Myiarchus tuberculifer*—One observed by some on third stop en route to Palo Seco. Another along Snyder Canal.

**Great Crested Flycatcher** *Myiarchus crinitus*—One seen well in gardens at TB. Small numbers seen along Snyder Canal.

**Great Kiskadee** *Pitangus sulphuratus*—One observed in gardens at TB. Two more seen en route to Palo Seco area.

**Boat-billed Flycatcher** *Megarynchus pitangua*—One pair observed by some at the Kozenda gardens.

**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*—HO at Green Acres.

**Golden-bellied Flycatcher** *Myiodynastes hemichrysus*—One seen along the ridgeline road at Palo Seco on Day 7.

**Piratic Flycatcher** *Legatus leucophaeus*—One observed by some in gardens at TB.

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

**Eastern Kingbird** *Tyrannus tyrannus*—Small numbers observed at various sites.

**VIREOS: Vireonidae (3)**

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

**Yellow-throated Vireo** *Vireo flavifrons*—One briefly observed at TB on Day 2. Another also observed by some en route to Palo Seco on Day 3. One HO along Snyder Canal.

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

**CROWS AND JAYS: Corvidae (2)**

**Brown Jay** *Psilorhynchus morio*—A few observed in the lowlands near Punta Robalo. HO along the Changuinola River.

**Black-chested Jay** *Cyanocorax affinis*—Seen at Green Acres.

**SWALLOWS AND MARTINS: Hirundinidae (6)**

**Southern Rough-winged Swallow** *Stelgidopteryx ruficollis*—At least two observed en route to Palo Seco on Day 3.

**Gray-breasted Martin** *Progne chalybea*—A few observed at the rest area en route to Palo Seco on Day 3.

**Mangrove Swallow** *Tachycineta albilinea*—A few observed during the boat ride around Popa Island on Day 2. A few also seen near the boat dock near Punta Robalo. Small numbers seen along Changuinola River.

**Bank Swallow** *Riparia riparia*—Small flocks seen during the boat ride around Popa Island on Day 2. Small numbers seen along Changuinola River.

**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.

**Cliff Swallow** *Petrochelidon pyrrhonota*—A few positively identified during boat ride en route to Punta Robalo on Day 3. A few seen along Changuinola River.

**GNATCATCHERS: Polioptilidae (2)**

**Long-billed Gnatwren** *Ramphocaenus melanurus*—HO along the Snyder Canal.

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

**WRENS: Troglodytidae (6)**

**House Wren** *Troglodytes aedon*—One observed at Kozenda Gardens and another behind the rest stop en route to Palo Seco. Others observed in the gardens at TB.

**Band-backed Wren** *Camplorhynchus zonatus*—Two small groups seen on Day 7: one in the lowlands and another along the ridgeline road at Palo Seco.

**Black-throated Wren** *Pheugopedius atrogularis*—HO in the lowlands near Punta Robalo

**Bay Wren** *Cantorchilus nigricapillus*—HO at many places during the trip.

**White-breasted Wood-Wren** *Henicorhina leucosticta*—Seen briefly at the second stop en route to Palo Seco on Day 7.

**Gray-breasted Wood-Wren** *Henicorhina leucophrys*—HO along ridgeline at Palo Seco.

**MOCKINGBIRDS AND THRASHERS: Mimidae (1)**

**Tropical Mockingbird**—Two seen in a village on Day 3 near Punta Robalo.

**THRUSHES: Turdidae (5)**

**Slaty-backed Nightingale-Thrush** *Catharus fuscaster*—Seen by some along the ridgeline road at Palo Seco on Day 7.

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

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

**Gray-cheeked Thrush**—One observed along the ridgeline at Palo Seco and one in the gardens by some at TB.

**Clay-colored Thrush** *Turdus grayi*—Seen by some along the ridgeline at Palo Seco.

**FINCHES AND EUPHONIAS: Fringillidae (5)**

**Golden-browed Chlorophonia** *Chlorophonia callophrys* (RE)—One observed by some along the ridgeline at Palo Seco.

**Yellow-crowned Euphonia** *Euphonia luteicapilla*—One briefly observed along the ridgeline at Palo Seco where it was feeding on mistletoe.

**Olive-backed Euphonia** *Euphonia gouldi*—Seen by some in the Kozenda Gardens.

**White-vented Euphonia** *Euphonia minuta*—Small group seen well from tower at TB.

**Tawny-capped Euphonia** *Euphonia anneae*—Two different males were observed in the Palo Seco area on Day 3 and a few on Day 7.

**NEW WORLD SPARROWS: Passerellidae (5)**

**Yellow-throated Chlorospingus** *Chlorospingus flavigularis*—A pair seen by some along the ridgeline at Palo Seco.

**Common Chlorospingus** *Chlorospingus flavopectus*—Small flocks observed along ridgeline at Palo Seco.

**Black-striped Sparrow** *Arremonops conirostris*—One observed along the ridgeline at Palo Seco.

**Rufous-collared Sparrow** *Zonotrichia capensis*—One seen near the spillway at Fortuna Dam during the lunch break.

**White-naped Brushfinch** *Atlapetes albinucha*—One briefly seen along the ridgeline road at Palo Seco on Day 7.

**NEW WORLD BLACKBIRDS: Icteridae (8)**

**Red-breasted Meadowlark** *Sturnella militaris*—Several seen in a field near Punta Robalo on Day 3. Several also along the Changuinola River.

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

**Yellow-billed Cacique** *Amblycercus holosericeus*—HO along the ridgeline at Palo Seco on Day 7.

**Black-cowled Oriole** *Icterus prothemelas*—Two seen along Snyder Canal.

**Baltimore Oriole** *Icterus galbula*—One seen at TB. Small numbers observed at other sites.

**Giant Cowbird** *Molothrus oryzivorus*—Two seen along the Changuinola River.

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

**Bobolink** *Dolichonyx oryzivorus*—One female seen along the Changuinola River.

**NEW WORLD WARBLERS: Parulidae (15)**

**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*—One seen well along a channel near the Changuinola River.

**Worm-eating Warbler** *Helmitheros vermivorum*—One seen in the gardens at TB on Day 6 as it accompanied a mixed flock.

**Tropical Parula** *Setophaga pitiayumi*—One in a *Cecropia* at the third stop en route at Palo Seco.

**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.

**Yellow Warbler** *Setophaga petechia*—Two seen along the Changuinola River.

**Mangrove Yellow Warbler** *Setophaga petechia erithachorides*—One male seen well by some upon leaving Kozenda Gardens.

**Hooded Warbler** *Setophaga citrina*—One male seen on Bird Island hiding in a crevice just above the waterline. A distraught bird.

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

**Buff-rumped Warbler** *Myiothlypis fulvicauda*—One briefly seen in a weedy ditch along the road en route to Palo Seco on Day 7. A very strange place for this bird.

**Costa Rican Warbler** *Basileuterus melanotis*—One observed numerous times along the ridgeline at Palo Seco as it accompanied a mixed flock.

**Slate-throated Redstart** *Myioborus miniatus*—Observed along ridgeline at Palo Seco.

### **CARDINALS, GROSBEAKS AND ALLIES: Cardinalidae (7)**

**Hepatic Tanager** *Piranga flava*—Several males and females seen along the ridgeline road at Palo Seco on Day 7.

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

**Scarlet Tanager** *Piranga olivacea*—A few were observed in gardens at TB and another en route to Palo Seco. Two on Oct. 17<sup>th</sup>. A few seen along the Snyder Canal.

**Red-throated Ant-Tanager** *Habia fuscicauda*—A small flock briefly seen inside the forest at TB on Day 6.

**Black-faced Grosbeak** *Caryothraustes poliogaster*—One seen well at the third stop en route to Palo Seco on Day 3.

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

**Blue-black Grosbeak** *Cyanoloxia cyanooides*—One HO at TB. A female seen along the Snyder Canal.

### **TANAGERS AND ALLIES: Thraupidae (21)**

**White-shouldered Tanager** *Loriotus lustuosus*—One male seen at the third stop en route to Palo Seco on Day 3.

**Tawny-crested Tanager** *Tachyphonus delatrii*—A few briefly observed in the gardens at TB on Day 6.

**Crimson-backed Tanager** *Ramphocelus dimidiatus*—Observed by some in Panama City only.

**Crimson-collared Tanager** *Ramphocelus sanguinolentus*—Two seen at the first stop en route to Palo Seco on Day 3.

**Scarlet-rumped Tanager** *Ramphocelus passerinii*—Many males and females observed at various stops en route to Palo Seco on Day 3. 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.

**Golden-hooded Tanager** *Tangara larvata*—Observed in the Kozenda Gardens. A few seen along the Snyder Canal.

**Plain-colored Tanager** *Tangara inornata*—Observed by some 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 third stop en route to Palo Seco.

**Silver-throated Tanager** *Tangara icterocephala*—A few were observed in Palo Seco area on Day 3. Another briefly observed in that area on Day 7.

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

**Blue Dacnis** *Dacnis cayana*—One seen by some at TB.

**Shining Honeycreeper** *Cyanerpes lucidus*—Seen by some at TB.

**Green Honeycreeper** *Chlorophanes spiza*—A pair of males were seen en route to Palo Seco on Day 3.

**Black-and-yellow Tanager** *Chrysothlypis chrysomelas* (RE)—Two females and one male observed at the third stop en route to the Palo Seco area as they fed on *Trema* fruits.

**Thick-billed Seed-Finch** *Sporophila funerea*—One HO along the ridgeline at Palo Seco.

**Nicaraguan Seed-Finch** *Sporophila nuttingi* (RE)—A male 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.

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

**Buff-throated Saltator** *Saltator maximus*—Seen by some along the ridgeline at Palo Seco. One seen along the Snyder Canal.

### MAMMALS (9 species recorded):

**Brown-throated Three-toed Sloth** *Bradypus variegatus*—Two seen on Day 2 in the gardens at TB and seen daily there. One also seen along Changuinola River and another along the road en route to Palo Seco.

**Red-tailed Squirrel** *Sciurus granatensis*—One seen at Green Acres.

**Alfaro's Pygmy-Squirrel**—Two different individuals seen along the ridgeline at Palo Seco on both visits.

**White-throated Capuchin** *Cebus capucinus*—A small troop was seen at the third stop en route to Palo Seco. A couple seen at TB near the restaurant.

**Mantled Howler Monkey** *Alouatta palliata*—Seen at Green Acres.

**River Otter** *Lontra longicaudis*— Two seen along the Changuinola River. One came out of the water for a lengthy period atop a log.

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

**Silky Short-tailed Bat** *Carollia brevicauda*—Seen feeding on bananas at the TB restaurant.

**Panama Night-Monkey** *Aotus zonalis*—Five feeding on bananas at the TB restaurant.

### REPTILES AND AMPHIBIANS (12 species recorded):

**Spectacled Caiman** *Caiman crocodius*—A small one was seen in the pond behind the rest area en route to Palo Seco.

**Green Iguana** *Iguana iguana*—One seen at TB.

**Brown Anole** *Anolis sagrei*—Several seen at TB.

**Striped (Talamancan) Rocket Frog** *Allobates talamancae*—Many heard and seen at TB and Green Acres. Calls virtually throughout the day at TB.

**Strawberry Poison Dart Frog** *Oophaga pumilio*—A green morph was seen at the Kozenda Gardens. Many individuals of a dark red morph were seen along the Snyder Canal and many individuals of an orange morph at TB.

**Green-and-black Poison Dart Frog** *Dendrobates auratus*—Several seen at Green Acres chocolate farm. One individual was atop the discarded cocoa shells which were attracting many fruit flies.

**Savage's Foam-frog** *Leptodactylus savage*—Large frog seen by some at TB.

**Evergreen Toad** *Incilius coniferus*—One seen along the trail inside the forest at TB.

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

**Common Basilisk** *Basiliscus basiliscus*—One seen at the Fortuna Dam.

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

**Middle American Ameiva** *Holocosus festivus*—One seen by some on the grounds at TB.

### MARINE LIFE (14 species recorded):

**Harlequin Wrasse**—Seen by some while snorkeling at TB.

**Striped Parrotfish**— Seen by some while snorkeling at TB.

**Blue Tang**— Seen by some while snorkeling at TB.

**Green-spotted Damselfish**— Seen by some while snorkeling at TB.

**Mangrove Crab**—Common along the boardwalk at TB.

**Mangrove Upside Down Jellyfish**— Seen by some while snorkeling at TB.

**Sea Cucumber**—Seen from boardwalk at TB dock.

**Sergeant Major**— Seen by some while snorkeling at TB.

**Magnificent Feather Duster**— Seen by some while snorkeling at TB.

**Long-spined Sea Urchin**— Seen by some while snorkeling at TB.

**Spot-crowned Feather Duster Worms**— Seen by some while snorkeling at TB.

**Red Cushion Star**— Seen by some while snorkeling at TB.

**Vase Sponge**— Seen by some while snorkeling at TB.

**Sea Pearl**— Seen by some while snorkeling at TB.

## INSECTS (24 species recorded):

**Apricot Sulphur** *Phoebis argante*—Seen by some at Green Acres.

**White-spot Ithomia** *Ithomia hyalina*—One seen and photographed along the ridgeline at Palo Seco as it fed on *Ageratum*.

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

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

**Thoas Swallowtail** *Heraclides thoas*—One seen ovipositing en route to Palo Seco on Day 7.

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

**Dyar's Swallowtail** *Battus ingenuus*—Many seen daily in the gardens at TB, feeding mostly on Porterweed.

**Green-patch Swallowtail** *Battus laodamas*—A male seen feeding on *Inga* flowers at the second stop en route to Palo Seco on Day 3.

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

**Banded Peacock** *Anartia fatima*—Seen in the gardens at TB and elsewhere.

**White Peacock** *Anartia jatrophae*—One seen along the road near Punta Robalo.

**Red Cracker** *Hamadryas amphinome*—Seen by some at Green Acres.

**Northern Green Longwing** *Philaethria diatonica*—One seen feeding on Lantana at the Kozenda Gardens.

**Zebra Longwing** *Heliconius charithonia*—A couple seen along the road en route to Palo Seco.

**Sara Longwing** *Heliconius sara*—Several seen along the road near Punta Robalo.

**Tiger-striped Longwing** *Heliconius ismenius*—One along the road en route to Palo Seco.

**White-edged Longwing** *Heliconius eleuchia*—Several seen along the road en route to Palo Seco.

**Banded Owl-Butterfly** *Caligo atreus*—One seen inside the forest at TB.

**Northern Antirrhea** *Antirrhea philaretus*—One seen inside the forest at TB.

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

**Cypris Morpho** *Morpho cypris*—One seen as it flew over the bus during a stop en route to Palo Seco.

**Stoll's Scarlet-eye** *Euriphellus euribates*—One photographed along the forest trail at TB.

**Great Eurybia** *Eurybia patrona*—One photographed along the forest trail at TB.

**Wax-tailed Planthopper** *Pterodictya reticularis*—Homopterans seen at Green Acres chocolate farm. Insects with long, waxy tails.