

COSTA RICA – A BIRDING TRIP FROM A BUTTERFLY PERSPECTIVE

February 19 – March 3, 2025, by Mark Liptrot



Banded Peacock, *Anartia fatima*, the most prolific and widespread butterfly seen

When a dear friend suggested that we accompany her on a trip with 5 other birders, we had no hesitation in agreeing – because Costa Rica! *Pura Vida, bebé!* The country is a birding paradise with the bonus of it sheltering more than 1 800 butterfly species. In fact, 5% of the world's biodiversity is found in this Central American country which is bounded by the Pacific and Caribbean shores to the west and east, and Nicaragua and Panama to the north and south.

On this 12-day trip we were hosted by Gábor Orbán and Andi Katona (Ecotours Worldwide) with an itinerary mainly hugging the southwest Pacific coast between San José and the Panama border, with the last leg being up in the chilly cloud forest at 3 000m with short trips above the timberline. Habitats included rainforests, wetlands, rivers and beaches that maximised chances of abundant wildlife viewings. With the emphasis on birds, I sometimes had to be dragged kicking and screaming away from areas rich in butterfly activity, otherwise the minibus hired for the duration would leave without me! Did the trip live up to expectations? Did I see more butterfly species than birds seen by the group? Read on to find out...

ecOTOURS



ecotoursgabororban@gmail.com

Mark Liptrot

129 Burnside

Nairn

IV12 5UA

Scotland

+44 (0) 7438688895

marklipt1@gmail.com

Introduction

Costa Rica is a small (51 180km²) Spanish-speaking country which boasts lush rainforests, pristine beaches, and six active volcanoes. The country's rich biodiversity includes well-known exotic wildlife like toucans, sloths, tapirs and jaguars. With its perfect blend of natural beauty, rich biodiversity and interesting culture, Costa Rica truly stands out as a bucket-list destination. Nearly a quarter of its territory is designated as a protected area, and the country's ecological commitment is evident also in its efforts to achieve carbon neutrality and promote sustainable tourism.

The population (about 5 million) is known for its warm hospitality, living by the motto "Pura Vida," which translates to "Pure Life." This phrase encapsulates the laid-back, positive attitude prevalent throughout the nation. The local cuisine, heavily influenced by indigenous and Spanish flavours, offers delightful dishes such as **gallo pinto** (beans and rice; also means 'spotted rooster') and **casado** (Spanish for 'married man' - also a meal using rice, black beans, plantains, salad, a tortilla, and an optional protein source such as chicken, beef, pork, fish, etc.)

Our tour guides were ably assisted by driver Luis, who, with his trusty Toyota minibus, negotiated the main roads and off-hairy hairpin bends with equal aplomb. He was an absolute *caballero* (gentleman) who helped not only with loading and off-loading luggage and ladies but also with the wildlife-spotting. *Muchas gracias*, Luis!

Fortunately, the weather during our trip was typically tropical, so there was plenty of activity between breakfast and dinner - with the bonus of hardly any rain for the whole trip: ideal butterfly conditions. There were plenty of birds, too, but these should be the subject for another report! I will include some of the interesting ones as well as some of the vertebrates encountered.

Itinerary



1. Hotel Aeropuerto, San José; 2. Villas Lapas, near Carara National Park; 3. Iguana Libre Lodge, Southern Central Pacific; 4. Cristal Ballena Lodge, Bahia Ballena National Park; 5. Esquinas Lodge, Piedras Blancas National Park; 6. Wilson's Botanical Garden; 7. San Gerardo de Dota at Savegre Mountain, Dantica Lodge

Day -1, 0 (18, 19 February): Hotel Aeropuerto, San José This was not part of the guided tour but four of the group used it as a recovery stop after the 11-hour flight from Europe.

Days 1-3 (20, 21, 22 February) - Leave **San Jose** and transfer to **Hotel Villas Lapas** at the edge of the **Carara National Park**, Northern Central Pacific. Spend time in an around the **Carara National Park**. Boat Safari on the **Tarcoles River** and subsequent visit to surrounding area

Days 4-5 (23, 24 February) – birding in the Central Pacific area. Two nights in **Iguana Libre** cabanas. Visit **Baru Private Nature Reserve**.

Day 6 (25 February) – **Bahia Ballena National Park** – staying at **Cristal Ballena Boutique Hotel & Spa**, near **Uvita**. Boat trip to see whales and dolphins.

Day 7 (26 February) – **Piedras Blancas National Park**, staying at **Esquinas Lodge**, near **Osa Peninsula**.

Days 8-9 (27, 28 February) – **Wilson’s Botanical Garden, South Pacific**, close to the border with **Panama**.

Days 10-12 (1, 2, 3 March) – **Dantica Lodge, Savegre Area, Cordillera Talamanca**, exploring high-altitude habitats above and below the timberline.

Day 13 (4 March) – travel to **San Jose** in the morning for the group to catch their return flights.

Hotel Aeropuerto

This stop allowed us to acclimatise and familiarise ourselves with new butterflies and bird groups. This we did, and I was impressed by the number and variety of butterflies seen in a day and a half (40) – and the similarity of some with species in South Africa (marked *). I also saw my first Metalmarks (the family Riodinidae, not seen in southern Africa).



Heliconius erato Red Postman



Anartia jatrophae White Peacock



Calycopis origo Origo Groundstreak



Rekoa meton Meton Hairstreak



Strymon mulucha Mottled Scrub-hairstreak



Calephelis perditalis Rounded Metalmark



Calephelis laverna



Anthanassa tulcis Pale-banded Crescent



Spicauda simplicius Plain Longtail



Thope cratylus Scallop-patched Theope



Cupido comyntas Eastern Tailed- Blue*



Burnsius oileus Tropical Checkered-Skipper



Pyrisitia lisa Little Yellow*



Hemiargus ceraunus Ceraunus Blue*



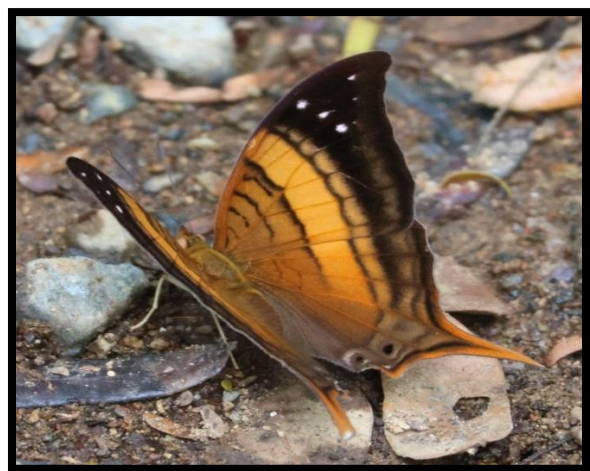
Ctenosaura similis Black Spiny-tailed Iguana, our first iguana of the trip



Some common birds seen (from left): Rufous-backed Wrens, Great Kiskadee, Hoffman's Woodpecker, Blue-gray Tanagers

Hotel Villas Lapas, near Carara National Park ("Lapas" is Spanish for the Scarlet Macaw)

On the banks of the **Tarcolitos River**, the hotel was a sprawling series of cabanas and apartments set on the edge of a rainforest. Iguanas abounded, and you had to be careful not to trip over them on the way to and from the dining area. This is where we saw our first **Morpho** and **Daggerwing** butterflies, basilisks, macaws and toucans.



Marpesia furcula Sunset, or Glossy Daggerwing (left, male: right, female)

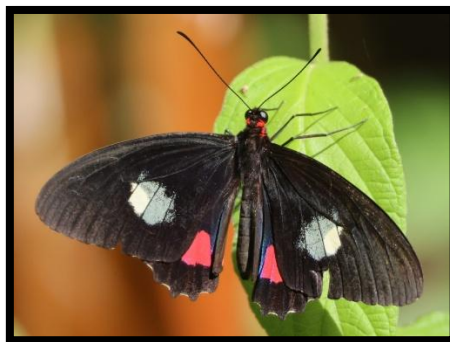


Marpesia petreus Ruddy Daggerwing

Marpesia berania Orange Daggerwing



Arawacus sito Fine-lined Hairstreak



Parides iphidamas Iphidamas Cattleheart



Pareuptychia ocirrhoe White Satyr



Parides photinus Pink-spotted Cattleheart



Urbanus proteus Long-tailed Skipper



Lasaia pseudomeris Clench's Lasaia



Chlosyne janais Crimson-patch Checkerspot



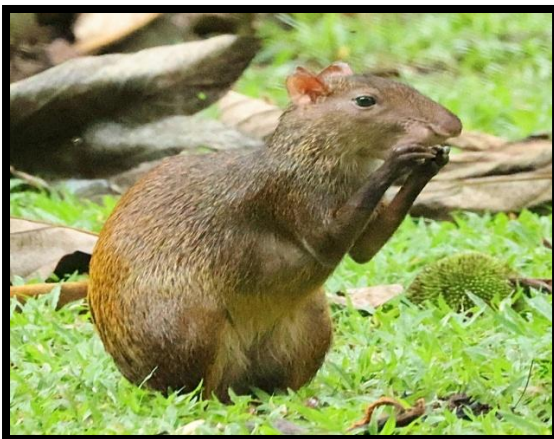
Dynamine colombiana



Junonia zonalis Northern Tropical Buckeye



Basiliscus basiliscus Common Basilisk. Known as the 'Jesus Christ Lizard', for its ability to walk on water (or rather, run frantically across it). We also saw plenty of **Agoutis** and were serenaded (or rather, deafened) by thousands of green **Cicadas**, *Dorisiana amoena*.



Carara National Park

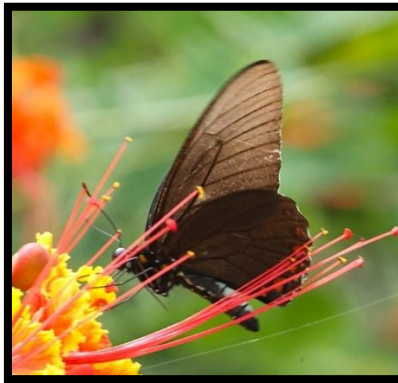
A very popular tourist and local destination, with trails looping through the rainforest. This is where we saw our first snake (highly venomous) and dart frog (highly poisonous) and were teased by a **Morpho** flying past.



Cithaeris pireta Rusted Clearwing-Satyr; *Detritivora barnesi* Barnes' Metalmark; *Xenophanes tryxus* Glassy-winged Skipper



Troyus phyllides Marcus Skipper



Battus ingenuus Dyar's Swallowtail



Cecropterus zarex Sharp Banded-Skipper



Dendrobates auratus
Green-and-black Poison Dart Frog



Bothriechis nigroadspersus
Central American Eyelash-Viper



Holcosus leptophrys Delicate Ameiva

Tarcoles River area



We had a very pleasant boat trip along the **Tarcoles River** estuary with **Jungle Crocodile Safaris**, and the

knowledgeable guide showed us plenty of birds to add to our life lists. We saw the trip's largest **American Crocodile** *Crocodylus acutus* slide up onto the mudbank, a creature of at least 5m long. It was called 'Hook', due to an injury resulting in a hook instead of the normal 5 toes at the end of one of his forelegs. These reptiles can grow to a length of over 6m and thrive in saline conditions.



Neotropical Cormorant with catfish



Royal Terns

Once ashore we explored the gardens around the jetty and saw plenty of **Daggerwings** sucking nutrients off the recently watered ground.



Marpesia furcula Sunset Daggerwing;



Marpesia chiron Many-banded Daggerwing



Magneptychia libye Blue-grey Satyr



Phoebis sennae Cloudless Sulphur



Pseudolycaena damo Sky-blue Hairstreak



Common Black Hawk



Boat-billed Heron



Adios, amigos!

Iguana Libre Lodge



Two nights in this basic but clean accommodation (no aircon) had the advantage of a deck overlooking a garden forest, where we had a proper look at wildlife attracted by fruit left out by the owners. It also had a pool, most welcome in the mid-day siesta-time heat!



Pierella luna Moon Satyr



Hylephila phyleus Fiery Skipper



Hamadryas feronia Variable Cracker



The magnificent Morpho. Several species, this one being *Morpho amathonte centralis*, Menelaus Morpho

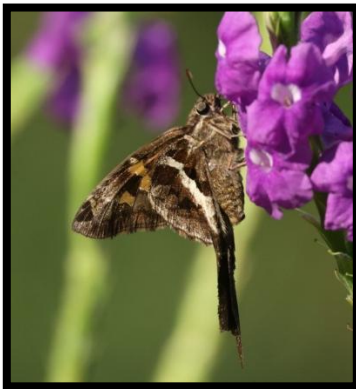
We also had time to walk around the Peccary Trail at the Baru Private Nature Reserve, near the coast. We were lucky enough to see a 3-toed Sloth, as well as a Peccary and plenty of Green Iguanas.



Heliconius ismenius Ismenius Tiger



Heliconius hecale Tiger Longwing



Chioides catillus Blurry-striped Longtail



Dione vanillae Gulf Fritillary



Arawacus lincoides (a hairstreak)



Iaspis andersoni Anderson's Hairstreak



Brown-throated 3-toed Sloth



Collared Peccary



Green Iguana

While at Iguana Libre, we had another boat trip – this time out at sea in the **Bahia Ballena National Park**. This Marine Reserve, one of many on the coast, is a magnet for **Humpback Whales** and various Dolphin species. The 2-hour trip was well worth it, as we saw numerous **Pantropical Spotted Dolphins** as well as a Humpback Whale with calf. They seemed at ease with the 12 spotting boats packed with tourists circling their every move.



The intriguing coastline of Bahia Ballena National Park... which we also enjoyed at sunset.



Beach resident **Yellow-headed Gecko** *Gonatodes albogularis*

Cristal Ballena Boutique Hotel & Spa



Crested Guan (male)



The magnificent hotel



Yellow-throated Toucan

This was not only by far our most luxurious accommodation on the trip but also offered the best opportunity to spot birds, who were bolder here than in dense forest habitat. The group felt they could spend many more nights than the one we enjoyed. Many birds could be seen around the pool area, and a short walk took you into the rainforest. Howler monkeys could be heard vocalising at night, which added to the tropical atmosphere. A few more butterfly species were added to the list, too.



Telegonus alardus Frosted Flasher



Eurema दौरा Barred Yellow



Juditha molpe Molpe Metalmark

Esquinas Lodge, Piedras Blancas National Park

Another great venue nestling in the National Park was this lodge. Again, a brief but worthwhile stay with meanderings along the tracks and foot trails yielding some interesting species – including a **Spectacled Caiman** and a **White-nosed Coati**. The butterfly *Thracides pavo* below has no common name and according to iNaturalist, this is the first record in Costa Rica, the other three records being from Panama.



Marpesia merops Spot-banded Daggerwing



Thracides pavo



Strymon ziba Ziba Scrub-Hairstreak



Achlyodes busirus Giant Sicklewing



Heliconius sara Sara Longwing



Eurybia lycisca Blue-winged Eurybia



White-nosed Coati



Baird's Trogon (female)



Grey-cowled Wood-rail



Great Curassow – female, left; male, right

The dining area was next to a stream on one side and a caiman pool on the other. Caimans have been known to attack humans, but the ones we saw in Costa Rica seemed quite cautious in our presence. They are nocturnal hunters, preying on fish, other reptiles and birds.



Spectacled Caiman, named after the spectacle-like ridge between its eyes. They grow to a length of 3m.

En route between lodges we found this moth on the road – the **Urania Swallowtail Moth**, a daytime-flier that is distributed between Texas in the North and Ecuador west of the Andes. A species that is often mistaken for a butterfly and is prized greatly by collectors.



Urania fulgens Urania Swallowtail Moth

Wilson’s Botanical Garden (Estación Biológica Las Cruces)

Another excellent venue! We dined in a communal area that was also great for casual birding. The staff have feeding stations with fruit around the deck which attracted much interest from birds and birders alike.

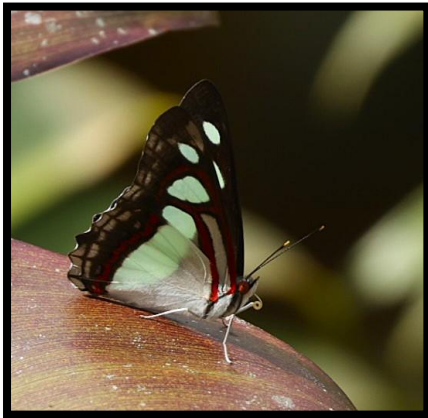
Robert and Catherine Wilson started this garden in 1963 and ten years later control was transferred to the Organization for Tropical Studies. The gardens with their more than a thousand plant species cover 145 hectares at elevations between 900 and 1100 meters. The habitats include semi-formal gardens and regenerating tropical rainforest-upland. They are used as a training ground for scientists and education programs for the public. Research programs on tropical botany, including conservation, horticulture, sustainable development, agroecology, and reforestation studies are carried out, and the gardens preserve endangered plant species. Throughout the gardens are several trails - the Heliconia loop, the Bromeliad walk, the tree fern hill trail and fern gully, the bamboo forest, and the orchid garden loop. There are also over 700 palm species from all over the world, as well as an impressive cycad collection.





Danaus plexippus Monarch, larva and adult

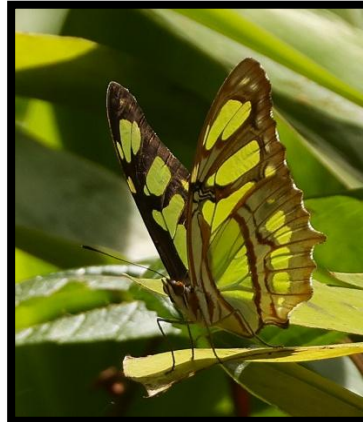
Pelolasia aurantia Bright-centred Euselasia



Pyrrhogyra edocla Green-spotted Banner

Abaeis salome Salome Yellow

Dismorphia theucharila Clearwing Mimic-white



Thespieus macareus Chestnut-marked Skipper; *Siproeta stelenes* Malachite; *Diaethria clymena* Widespread Eighty-Eight



Mastigodryas alternatus
Central American Lizard Eater



Espadarana prosoblepon Emerald Glass Frog



Anolis capito Pug-nosed Anole

A walk through the cycad section revealed the full life cycle of *Eumaeus godartii*, the White-tipped Cycadian – a Lycaenid butterfly whose larvae feed on the leaves of cycads:



Laying eggs on leaf stems



Egg cases from recently hatched larvae



Larvae, about 5mm long



Larvae in their final instar (prior to pupation)



Pupae suspended by silken threads



Fiery-billed Araçari



Swallow-tailed Kite



Clay-coloured Thrush, the national bird

Dantica Cloud Forest Lodge, San Gerardo de Dota on Savegre Mountain (part of the Cordillera Talamanca)



The Lodge is set at about 2 500m high up in the **Dantica** (“little Tapir”) **Forest**, with cabanas scattered amongst the lush vegetation. Each cabana had floor to ceiling windows and viewing decks facing the trees – ideal for bird spotting. The days were spent birding at the bottom of the valley along the **Rio Savegre** or at 3 000m plus in the nearby **Los Quetzales National Park**. One regret was that we didn’t have enough free time to explore the Dantica Forest itself, but our guides wanted us to explore some of the best birding sites in the area rather than spending a lot of time for less reward.

A downside for me during this leg of the trip was getting attitude sickness, which didn’t affect the rest of the party. This resulted in nausea, lack of appetite and general lethargy, especially towards the end of the day.



Pyrisitia proterpia Tailed Orange



Celastrina echo Echo Azure



Brevianta hyas Hyas Hairstreak



Heterusia dividata (a carpet moth)



Rothschildia orizaba Orizaba Silkmoth



Chlosyne melanarge Cream-banded Checkerspot



Vanessa virginiensis American Lady



Mydromera notochloris



Drymoea chrysomela



Acorn Woodpecker



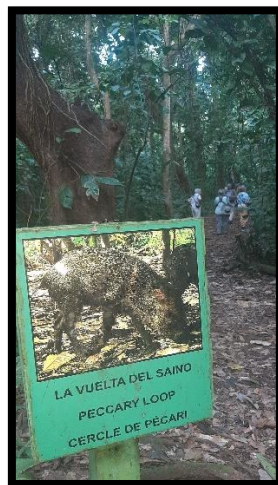
Resplendent Quetzal



Volcano Hummingbird

No trip to Costa Rica would be complete without seeing the **Resplendent Quetzal**, member of the Trogon family, which we heard and saw on several occasions.

All too soon it was time for our tight-knit group to wend our way via trusty Luis to San Jose airport. We had a very enjoyable visit (to say the least) mainly thanks to our knowledgeable guides and their choice of venues, and vastly experienced group of birders who were able to act as extra eyes and ears. Until the next time – enjoy your **Pura Vida!** Oh, and by the way, – 284 birds were seen and/or heard during the trip, and 157 Lepidoptera uploaded on iNaturalist.



NOTES

Photography – all photos taken by me except the Frosted Flasher (D. Cowen). Camera: Canon EOS R6, 100-400mm lens with 2X converter. All species checked with iNaturalist (<https://www.inaturalist.org>). This is “an online social network of people sharing biodiversity information to help each other learn about nature”. and/or <https://www.tropicleps.ch>. Tropicleps: website that records the Lepidoptera of Costa Rica (© Dr. Heiner Zeigler, who is based in Switzerland).

Butterfly and moth list

KEY: BAR=Baru pvt NR; CNP=Carara NP; DLA=Dantica Lodge area; HAP=Hotel Aeropuerto; HVC=Hotel Villa Cristal; HVT=Hote Villas Lapas & Tarcoles River; IGL=Iguana Lodge; WBG=Wilson's Botanical Garden

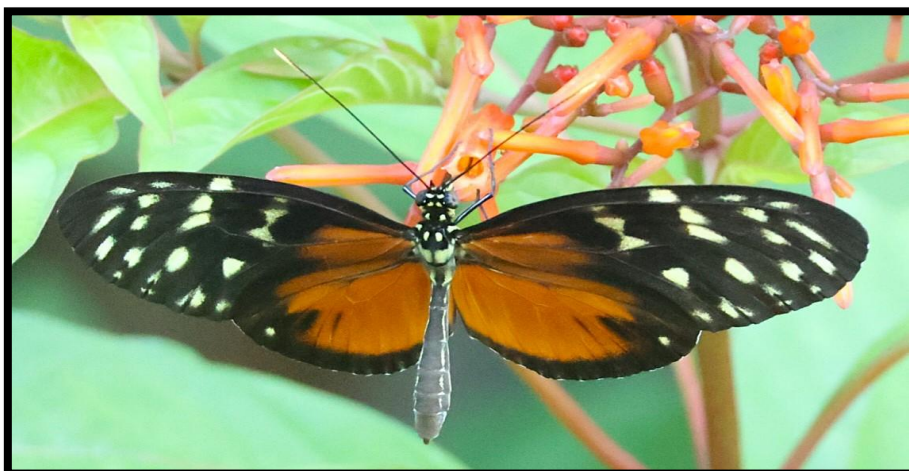
FAMILY	SPECIES	COMMON NAME	SITE
Arctiinae	<i>Mydromera notochloris</i>	none	DLA
Erebidae	Subtribe <i>Euchromiina</i>	(one of the Tiger Moths)	DLA
Erebidae	<i>Feigeria mycerina</i>	none	IGL, VLT
Geometridae	<i>Drymoea chrysomela</i>	none	DLA
Geometridae	<i>Heterusia dividata</i>	none	DLA
Geometridae	<i>Lambdina fiscellaria</i>	Hemlock Looper Moth	DLA
Geometridae	<i>Leucula sp.</i>	none	WBG
Geometridae	<i>Melanchroia chephise</i>	White-tipped Black	HAP
Hesperiidae	<i>Achlyodes busirus</i>	Giant Sicklewing	ESQ, HVT
Hesperiidae	<i>Ancyloxypha arene</i>	Tropical Least Skipper	HAP
Hesperiidae	<i>Anthoptus epictetus</i>	Trailside Skipper	WBG, CNP, VLT
Hesperiidae	<i>Antigonus erosus</i>	Common Spurwing	IGL, VLT
Hesperiidae	<i>Burnsius oileus</i>	Tropical Checkered-Skipper	HAP
Hesperiidae	<i>Burnsius orcus</i>	Orcus Checkered-Skipper	VLT, HAP
Hesperiidae	<i>Buzyges idothea</i>	Yellow-clubbed Skipper	DLA
Hesperiidae	<i>Callimormus saturnus</i>	Saturnus Skipper	HAP
Hesperiidae	<i>Callimormus sp.</i>	none	WBG
Hesperiidae	<i>Cecropterus zarex</i>	Sharp Banded-Skipper	HVC, CNP
Hesperiidae	<i>Chioides catillus</i>	Blurry-striped Longtail	IGL, VLT
Hesperiidae	<i>Cobalopsis sp.</i>	none	ESQ
Hesperiidae	<i>Cogia calchas</i>	Mimosa Skipper	ESQ, HVC, BAR, IGL, VLT
Hesperiidae	<i>Corticea corticea</i>	Redundant Skipper	WBG, BAR
Hesperiidae	<i>Cymaenes tripunctus</i>	Three-spotted Skipper	BAR, HAP
Hesperiidae	Genus <i>Cobalopsis</i>	none	HVC
Hesperiidae	<i>Gorgythion begga</i>	Variiegated Skipper	CNP, VLT
Hesperiidae	<i>Hoodus pelopidas</i>	Pale Mylon	VLT
Hesperiidae	<i>Hylephila phyleus</i>	Fiery Skipper	DLA, ESQ, HVC, IGL, VLT, HAP
Hesperiidae	<i>Ouleus panna</i>	Panna Skipper	HAP
Hesperiidae	<i>Panoquina ocola</i>	Ocola Skipper	CNP
Hesperiidae	<i>Pellicia dimidiata</i>	Morning Glory Tufted-Skipper	HAP
Hesperiidae	<i>Polites vibex</i>	Whirlabout	HAP
Hesperiidae	<i>Pompeius pompeius</i>	Pompeius Skipper	DLA, ESQ, HAP
Hesperiidae	<i>Spathilepia clonius</i>	Falcate Skipper	WBG
Hesperiidae	<i>Spicauda procne</i>	Brown Longtail	VLT
Hesperiidae	<i>Spicauda simplicius</i>	Plain Longtail	WBG, HVC, BAR, IGL, CNP, VLT, HAP
Hesperiidae	<i>Spicauda tanna</i>	Tanna Longtail	HVC
Hesperiidae	<i>Spicauda teleus</i>	Teleus Longtail	WBG, ESQ, HVC, IGL, CNP, VLT
Hesperiidae	<i>Staphylus vulgata</i>	Golden-snouted Sootywing	VLT
Hesperiidae	Subtribe <i>Moncina</i>	none	VLT
Hesperiidae	<i>Telegonus alardus</i>	Frosted Flasher	HVC

Hesperiidae	<i>Telegonus anausis</i>	Yellow-tipped Flasher	ESQ
Hesperiidae	<i>Thespieus macareus</i>	Chestnut-marked Skipper	WBG
Hesperiidae	<i>Thracides pavo</i>	none	ESQ
Hesperiidae	<i>Tribe Carcharodini</i>	none	HAP
Hesperiidae	<i>Tribe Taractrocerini</i>	Grass Darts and Darters	VLT
Hesperiidae	<i>Troyus phyllides</i>	Marcus Skipper	CNP
Hesperiidae	<i>Urbanus proteus</i>	Long-tailed Skipper	IGL, VLT
Hesperiidae	<i>Urbanus sp.</i>	none	HAP
Hesperiidae	<i>Xenophanes tryxus</i>	Glassy-winged Skipper	CNP
Lycaenidae	<i>Arawacus lincoides</i>	none	BAR, VLT, IGL
Lycaenidae	<i>Arawacus sito</i>	Fine-lined Hairstreak	VLT
Lycaenidae	<i>Brevianta hyas</i>	Hyas Hairstreak	DLA
Lycaenidae	<i>Calycopis origo</i>	Origo Groundstreak	HAP
Lycaenidae	<i>Celastrina echo</i>	Echo Azure	DLA
Lycaenidae	<i>Cupido comyntas</i>	Eastern Tailed-Blue	ESQ, HVC, VLT, HAP
Lycaenidae	<i>Cyanophrys herodotus</i>	Tropical Greenstreak	HAP
Lycaenidae	<i>Eumaeus godartii</i>	White-tipped Cycadian	WBG
Lycaenidae	<i>Hemiargus ceraunus</i>	Ceraunus Blue	VLT, HAP
Lycaenidae	<i>Iaspis andersoni</i>	Anderson's Hairstreak	BAR
Lycaenidae	<i>Leptotes cassius</i>	Cassius Blue	HAP
Lycaenidae	<i>Pseudolycaena damo</i>	Sky-blue Hairstreak	VLT
Lycaenidae	<i>Rekoa meton</i>	Meton Hairstreak	HAP
Lycaenidae	<i>Strymon megarus</i>	Megarus Scrub-Hairstreak	WBG
Lycaenidae	<i>Strymon mulucha</i>	Mottled Scrub-Hairstreak	HAP
Lycaenidae	<i>Strymon ziba</i>	Ziba Scrub-Hairstreak	ESQ, HVC
Noctuidae	<i>Azeta rhodogaster</i>	none	HAP
Noctuidae	<i>Graphelysia strigillata</i>	none	HVC
Noctuidae	<i>Heterochroma sp.</i>	none	DLA
Nymphalidae	<i>Adelpha cocala</i>	Orange-washed Sister	VLT, IGL
Nymphalidae	<i>Adelpha cytherea</i>	Smooth-banded Sister	DLA
Nymphalidae	<i>Anartia fatima</i>	Banded Peacock	WBG, HVC, BAR, IGL, CNP, VLT, HAP, ESQ
Nymphalidae	<i>Anartia jatrophae</i>	White Peacock	ESQ, HVC, IGL, VLT, HAP
Nymphalidae	<i>Anthanassa atronia</i>	Brown Crescent	DLA
Nymphalidae	<i>Anthanassa tulcis</i>	Pale-banded Crescent	WBG, HVC, BAR, IGL, CNP, VLT, HAP, ESQ
Nymphalidae	<i>Chlosyne hippodrome</i>	Simple Patch	VLT
Nymphalidae	<i>Chlosyne janais</i>	Crimson-patch Checkerspot	VLT
Nymphalidae	<i>Chlosyne melanarge</i>	Cream-banded Checkerspot	DLA
Nymphalidae	<i>Cithaerias pireta</i>	Rusted Clearwing-Satyr	CNP
Nymphalidae	<i>Cyllopsis philodice</i>	Pale-banded Gemmed-Satyr	DLA
Nymphalidae	<i>Danaus plexippus</i>	Monarch	WBG
Nymphalidae	<i>Diaethria clymena</i>	Widespread Eighty-Eight	WBG
Nymphalidae	<i>Dione juno</i>	Juno Silverspot	WBG
Nymphalidae	<i>Dione moneta</i>	Mexican Silverspot	DLA
Nymphalidae	<i>Dione vanillae</i>	Gulf Fritillary	IGL, VLT

Nymphalidae	<i>Dryas iulia</i>	Julia Heliconian	IGL, VLT
Nymphalidae	<i>Dynamine agacles</i>	Pale Sailor	VLT
Nymphalidae	<i>Eresia ithomioides</i>	Variable Crescent	WBG
Nymphalidae	<i>Eryphanis lycomedon</i>	Split-spotted Owl-Butterfly	WBG
Nymphalidae	<i>Eueides aliphera</i>	Juliette	HVC
Nymphalidae	<i>Forsterinaria neonympha</i>	White-dotted Satyr	WBG
Nymphalidae	<i>Hamadryas feronia</i>	Variable Cracker	IGL, VLT
Nymphalidae	<i>Heliconius charithonia</i>	Zebra Longwing	VLT
Nymphalidae	<i>Heliconius doris</i>	Doris Longwing	ESQ
Nymphalidae	<i>Heliconius erato</i>	Red Postman	HVC, IGL, VLT, HAP
Nymphalidae	<i>Heliconius hecale</i>	Tiger Longwing	HVC, IGL, VLT
Nymphalidae	<i>Heliconius ismenius</i>	Ismenius Tiger	IGL, VLT
Nymphalidae	<i>Heliconius sara</i>	Sara Longwing	WBG, ESQ
Nymphalidae	<i>Hermeuptychia hermes</i>	Hermes Satyr	WBG, HVC, BAR, VLT, HAP
Nymphalidae	<i>Historis acheronta</i>	Tailed Cecropian	VLT
Nymphalidae	<i>Ithomia heraldica</i>	Heraldica Clearwing	HAP
Nymphalidae	<i>Junonia zonalis</i>	Northern Tropical Buckeye	IGL, VLT
Nymphalidae	<i>Magneuptychia libye</i>	Blue-gray Satyr	VLT, HAP
Nymphalidae	<i>Marpesia berania</i>	Orange Daggerwing	IGL, VLT
Nymphalidae	<i>Marpesia chiron</i>	Many-banded Daggerwing	VLT
Nymphalidae	<i>Marpesia furcula</i>	Sunset Daggerwing	VLT
Nymphalidae	<i>Marpesia merops</i>	Spot-banded Daggerwing	WBG, ESQ
Nymphalidae	<i>Marpesia petreus</i>	Ruddy Daggerwing	VLT
Nymphalidae	<i>Mechanitis polymnia</i>	Polymnia Tigerwing	WBG
Nymphalidae	<i>Memphis moruus</i>	Boisduval's Leafwing	VLT
Nymphalidae	<i>Morpho amathonte</i>	Menelaus Morpho	HVC, IGL, VLT
Nymphalidae	<i>Morpho helenor</i>	Common Blue Morpho	BAR
Nymphalidae	<i>Nastra julia</i>	Julia's Skipper	HAP
Nymphalidae	<i>Oxeoschistus euriphyle</i>	Pancosta Oxeo	DLA
Nymphalidae	<i>Pareuptychia ocirrhoe</i>	White Satyr	WBG
Nymphalidae	<i>Pierella luna</i>	Moon Satyr	IGL, VLT
Nymphalidae	<i>Pyrrhogyra edocla</i>	Green-spotted Banner	WBG
Nymphalidae	<i>Pyrrhogyra neaerea</i>	Leading Red-Ring	VLT
Nymphalidae	<i>Siproeta stelenes</i>	Malachite	WBG
Nymphalidae	<i>Taygetis thamyra</i>	Thamyra Satyr	HAP
Nymphalidae	<i>Tegosa anieta</i>	Black-bordered Crescent	VLT
Nymphalidae	<i>Tithorea tarricina</i>	Cream-spotted Tigerwing	VLT
Nymphalidae	<i>Vanessa virginiensis</i>	American Lady	DLA
Papilionidae	<i>Battus ingenuus</i>	Dyar's Swallowtail	CNP
Papilionidae	<i>Parides iphidamas</i>	Iphidamas Cattleheart	CNP, VLT
Papilionidae	<i>Parides photinus</i>	Pink-spotted Cattleheart	VLT
Pieridae	<i>Archonias brassolis</i>	Cattleheart White	ESQ
Pieridae	<i>Abaeis salome</i>	Salome Yellow	WBG
Pieridae	<i>Appias epaphia</i>	Diverse White	VLT

Pieridae	<i>Archonias teutila</i>	Pure-banded Dartwhite	DLA
Pieridae	<i>Ascia monuste</i>	Great Southern White	HAP
Pieridae	<i>Dismorphia theucharila</i>	Clearwing Mimic-White	WBG
Pieridae	<i>Eurema daira</i>	Barred Yellow	HVC
Pieridae	<i>Eurema elathea</i>	Banded Yellow	VLT,HAP
Pieridae	<i>Glutophrissa drusilla</i>	Florida White	VLT
Pieridae	<i>Leptophobia aripa</i>	Green-eyed White	DLA, WBG
Pieridae	<i>Phoebis argante</i>	Apricot Sulphur	VLT
Pieridae	<i>Phoebis philea</i>	Orange-barred Sulphur	WBG
Pieridae	<i>Phoebis sennae</i>	Cloudless Sulphur	VLT
Pieridae	<i>Phoebis statira</i>	Statira Sulphur	VLT
Pieridae	<i>Pyrisitia lisa</i>	Little Yellow	HAP
Pieridae	<i>Pyrisitia nise</i>	Mimosa Yellow	VLT,HAP
Pieridae	<i>Pyrisitia proterpia</i>	Tailed Orange	DLA
Riodinidae	<i>Calephelis laverna</i>	none	HAP
Riodinidae	<i>Calephelis perditalis</i>	Rounded Metalmark	IGL, VLT, HAP
Riodinidae	<i>Corrachia leucoplaga</i>	Costa Rican Metalmark	DLA
Riodinidae	<i>Detritivora barnesi</i>	Barnes' Metalmark	CNP,VLT
Riodinidae	<i>Emesis tenedia</i>	Falcate Emesis	VLT
Riodinidae	<i>Eurybia lycisca</i>	Blue-winged Eurybia Butterfly	ESQ
Riodinidae	<i>Juditha caucana</i>	none	VLT
Riodinidae	<i>Juditha molpe</i>	Molpe Metalmark	HVC
Riodinidae	<i>Lasaia pseudomeris</i>	none	VLT
Riodinidae	<i>Methone eucrates</i>	Godman's Euselasia	WBG
Riodinidae	<i>Pelolasia aurantia</i>	Bright-centered Euselasia	WBG,ESQ, HVC
Riodinidae	<i>Theope cratylus</i>	Scallop-patched Theope	HAP
Saturniidae	<i>Hylesia sp.</i>	none	HAP
Saturniidae	<i>Rothschildia orizaba</i>	Orizaba Silkmoth	DLA
Uraniidae	<i>Urania fulgens</i>	Urania Swallowtail Moth	ESQ

KEY: BAR=Baru pvt NR; CNP=Carara NP; DLA=Dantica Lodge area; HAP=Hotel Aeropuerto; HVC=Hotel Villa Cristal; HVT=Hote Villas Lapas & Tarcoles River; IGL=Iguana Lodge; WBG=Wilson's Botanical Garden



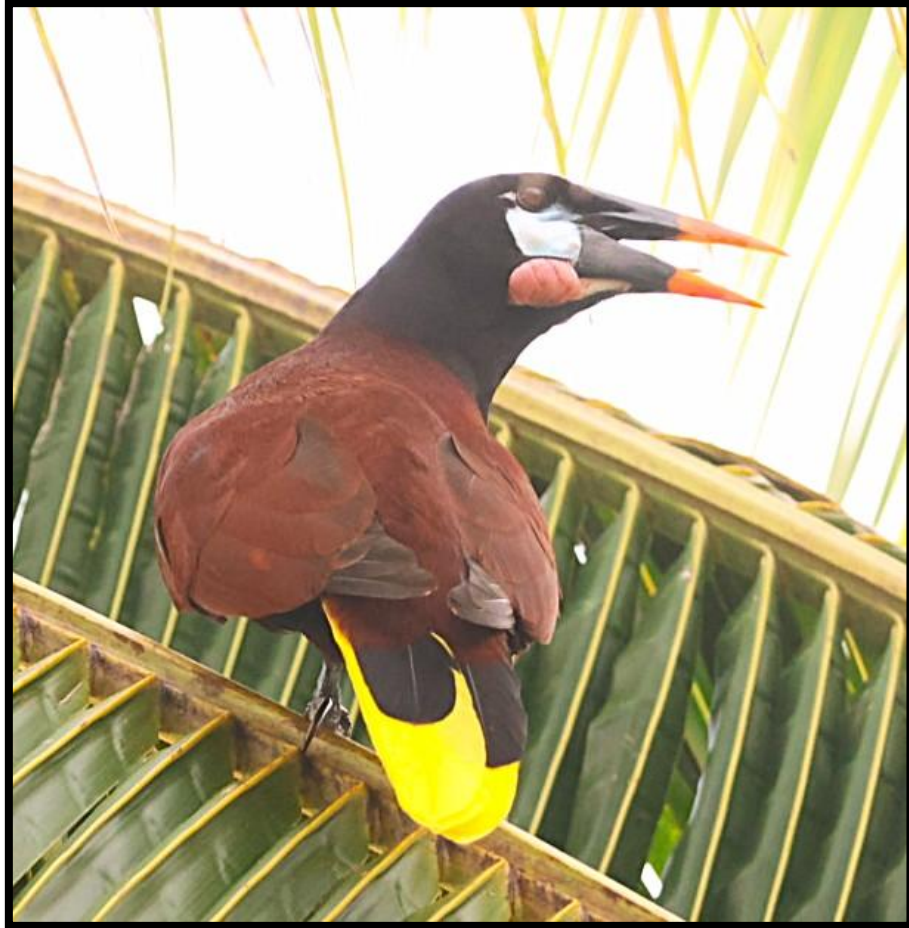
Heliconius hecale Tiger Longwing

Bird list (supplied by Gábor Orbán)

Acorn Woodpecker	Bronzy Hermit	Gartered Trogon
American Dipper	Brown Jay	Golden-browed Chlorophonia
American Pygmy Kingfisher	Brown Pelican	Golden-hooded Tanager
Anhinga	Brown Violetear	Golden-naped Woodpecker
Baird's Trogon	Brown-crested Flycatcher	Golden-winged Warbler
Baltimore Oriole	Buff-fronted Quail-Dove	Gray Hawk
Bananaquit	Buff-rumped Warbler	Gray-breasted Martin
Band-tailed Barbthroat	Buff-throated Saltator	Gray-breasted Wood-Wren
Bare-throated Tiger-Heron	Cabanis's Wren	Gray-capped Flycatcher
Barred Forest-Falcon	Charming Hummingbird	Gray-chested Dove
Bat Falcon	Chestnut-backed Antbird	Gray-cowled Wood-Rail
Bay-headed Tanager	Chestnut-capped Warbler	Gray-headed Chachalaca
Black Guan	Chestnut-sided Warbler	Gray-headed Tanager
Black Vulture	Chiriqui Foliage-gleaner	Gray-lined Hawk
Black-and-white Warbler	Cinnamon Hummingbird	Great Blue Heron
Black-and-yellow Silky-flycatcher	Clay-colored Thrush	Great Crested Flycatcher
Black-bellied Plover	Cocoa Woodcreeper	Great Curassow
Black-bellied Whistling-Duck	Cocos Booby	Great Egret
Black-bellied Wren	Collared Redstart	Great Kiskadee
Black-billed Nightingale-Thrush	Collared Trogon	Great Tinamou
Black-capped Flycatcher	Common Black Hawk	Great-tailed Grackle
Black-cheeked Ant-Tanager	Common Chlorospingus	Green Heron
Black-cheeked Warbler	Common Pauraque	Green Honeycreeper
Black-crowned Tityra	Common Tody-Flycatcher	Green Kingfisher
Black-faced Antthrush	Costa Rican Pygmy-Owl	Green Shrike-Vireo
Black-faced Solitaire	Crested Caracara	Green-crowned Brilliant
Black-headed Trogon	Crested Guan	Groove-billed Ani
Black-hooded Antshrike	Crested Oropendola	Hairy Woodpecker
Black-necked Stilt	Crimson-fronted Parakeet	House Sparrow
Black-striped Sparrow	Crowned Woodnymph	Inca Dove
Black-throated Green Warbler	Dark Pewee	King Vulture
Blue Dacnis	Dot-winged Antwren	Large-footed Finch
Blue-and-white Swallow	Double-toothed Kite	Laughing Falcon
Blue-black Grassquit	Dusky Antbird	Laughing Gull
Blue-black Grosbeak	Dusky-capped Flycatcher	Least Sandpiper
Blue-gray Tanager	Eye-ringed Flatbill	Lesser Greenlet
Blue-headed Parrot	Fiery-billed Aracari	Lesser Violetear
Blue-throated Goldentail	Fiery-throated Hummingbird	Lesson's Motmot
Boat-billed Flycatcher	Flame-colored Tanager	Little Blue Heron
Boat-billed Heron	Flame-throated Warbler	Little Tinamou
Bright-rumped Attila	Franklin's Gull	Long-billed Gnatwren
Bronzed Cowbird	Garden Emerald	Long-billed Hermit
Long-billed Starthroat	Roseate Spoonbill	Streak-headed Woodcreeper
Long-tailed Manakin	Rose-breasted Grosbeak	Stripe-headed Sparrow

Long-tailed Silky-flycatcher	Rose-throated Becard	Stripe-throated Hermit
Magnificent Frigatebird	Royal Tern	Stub-tailed Spadebill
Mangrove Swallow	Ruddy Ground Dove	Sulphur-rumped Flycatcher
Masked Tityra	Ruddy Pigeon	Sulphur-winged Parakeet
Mealy Amazon	Ruddy Treerunner	Summer Tanager
Melodious Blackbird	Ruddy Turnstone	Swallow-tailed Kite
Mistletoe Tyrannulet	Ruddy-capped Nightingale-Thrush	Talamanca Hummingbird
Montezuma Oropendola	Rufous Piha	Tawny-crowned Greenlet
Morelet's Seedeater	Rufous-backed Wren	Tawny-winged Woodcreeper
Mountain Elaenia	Rufous-breasted Wren	Tennessee Warbler
Mountain Thrush	Rufous-browed Peppershrike	Thick-billed Euphonia
Muscovy Duck	Rufous-collared Sparrow	Timberline Wren
Neotropic Cormorant	Rufous-tailed Hummingbird	Torrent Tyrannulet
Northern Bentbill	Rufous-tailed Jacamar	Tricolored Heron
Northern Black-throated Trogon	Scaled Pigeon	Tropical Kingbird
Northern Emerald-Toucanet	Scaly-breasted Hummingbird	Tropical Mockingbird
Northern Jacana	Scarlet Macaw	Tropical Parula
Northern Tropical Pewee	Scarlet-rumped Tanager	Tufted Flycatcher
Northern Waterthrush	Scarlet-thighed Dacnis	Turkey Vulture
Ochraceous Pewee	Semipalmated Plover	Turquoise-browed Motmot
Ochre-bellied Flycatcher	Shining Honeycreeper	Variable Seedeater
Olivaceous Piculet	Short-billed Pigeon	Vaux's Swift
Olivaceous Woodcreeper	Short-tailed Hawk	Velvety Manakin
Orange-billed Nightingale-Thrush	Silver-throated Tanager	Violet Sabrewing
Orange-billed Sparrow	Slaty Flowerpiercer	Volcano Hummingbird
Orange-chinned Parakeet	Slaty-tailed Trogon	Volcano Junco
Orange-collared Manakin	Snowy Egret	Wedge-billed Woodcreeper
Osprey	Snowy-bellied Hummingbird	Western Cattle-Egret
Pale-billed Woodpecker	Social Flycatcher	Western Sandpiper
Pale-vented Pigeon	Solitary Sandpiper	Whimbrel
Palm Tanager	Sooty Thrush	White Hawk
Peg-billed Finch	Sooty-capped Chlorospingus	White Ibis
Philadelphia Vireo	Southern House Wren	White-breasted Wood-Wren
Piratic Flycatcher	Southern Lapwing	White-browed Gnatcatcher
Purple-crowned Fairy	Spangle-cheeked Tanager	White-collared Swift
Red-breasted Meadowlark	Speckled Tanager	White-crested Coquette
Red-crowned Woodpecker	Spot-crowned Euphonia	White-crowned Parrot
Red-legged Honeycreeper	Spot-crowned Woodcreeper	White-necked Jacobin
Red-lored Amazon	Spotted Sandpiper	White-necked Puffbird
Red-tailed Hawk	Spotted Wood-Quail	White-tailed Kite
Resplendent Quetzal	Squirrel Cuckoo	White-throated Crake
Ringed Kingfisher	Streak-chested Antpitta	White-throated Mountain-gem
Riverside Wren	Streaked Flycatcher	White-throated Spadebill
Roadside Hawk	Streaked Saltator	White-tipped Dove

White-whiskered Puffbird	Yellow-bellied Elaenia	Yellow-naped Amazon
White-winged Dove	Yellow-bellied Flycatcher	Yellow-olive Flatbill
Willet	Yellow-bellied Siskin	Yellow-thighed Brushfinch
Wilson's Plover	Yellow-crowned Night Heron	Yellow-throated Toucan
Wilson's Warbler	Yellow-faced Grassquit	Yellow-winged Vireo
Wood Stork	Yellow-headed Caracara	Zone-tailed Hawk
Yellow Warbler	Yellowish Flycatcher	



Montezuma Oropendola