

Guyana

Golden Frogs & Crimson Topaz

A Greentours Reconnaissance Report

14th September – 2nd October 2012

By Chris Gardner

Day 1 Miami to Georgetown

Day 2 Georgetown to Iwokrama

Flight then breakfast with the resident Grey-winged Trumpeter who wanted some of the action. A long ride to the lodge only brought Crested Caracara and Dusky Antbird (a better form of transport would be used for the tour). During lunch Red-headed Cardinal, Silver-beaked and Palm Tanagers came to see what we were eating. Our afternoon walk was through fine tall forest where there were Rufous-bellied Antwrens, Mouse-coloured Antshrikes, a Marial Guan and the wail of a Capuchinbird was heard, whilst back at the main clearing there were two Lineated Woodpeckers and a Turquoise Tanager. The night boat ride found two Amazonian Tree Boas, two Spectacled Caiman, a Green Kingfisher and a Gladiator Frog.

Day 3 Iwokrama

Early morning boat ride around the big forested island began with Orange-winged Parrots flying over followed by sightings of Large-billed Terns, a flock of crisply marked Pied Lapwings, both Red-billed and Channel-billed Toucans and then great views of a perched pair of Red-and-green Macaws. Another pair of the same flew over a bit later and as we neared the lodge a couple of Blue-headed Parrots were in a nearby tree.

The rest of the morning was spent in a different area of forest and as we boarded the boat there was the head of a large Spectacled Caiman quite close to the shore. We sped downriver for about half an hour entering a quiet backwater with clear evidence of the higher flood waters on the trees. It proved to be a fantastic area for forest butterflies with a good diversity including

Parides sp, *Pierella astioche*, a beautiful clearwing relative of this *Haetera piera*, the fine chocolate-barred *Bia actorion*, a *Mesosemia generis* with shining blue hindwings, *Marpesia berrania* and best of all *Stalachtis phaedusa* a lovely clear-winged species with prominent black veins and a striking orange band, that always settled upside-down underneath leaves, hence the generic epithet. There were shiny pink-winged dragonflies, Screaming Piha, a Three-toed Sloth and Wedge-billed Woodcreeper too all among a classic tract of old growth Varzea forest containing some wonderful twisted buttress-rooted trees, 'monkey-ladders' and palms. An Anhinga was fishing in the small lagoon before we took the ride back for lunch.

Big Amazonian Whiptail Lizards were scuttling around under my cabin in the afternoon, but eluded my camera. At three thirty we set off on a forest walk seeing some more good butterflies with *Mesosemia nyctea* (?), a witch moth and then a troop of Wedge-capped Capuchins before a couple of cryptically marked *Catoblepia xanthicles* settled obligingly. Returning to the road there were a couple of Green Oropendulas and Swallow-wing Puffbirds as we wandered back to the lodge with Channel-billed Toucans calling in the background.

A night walk produced a couple of fine moths drinking from the puddles, a small Spectacled Caiman in a puddle and a fat-bodied orb-web spider trussing up a freshly caught cricket. Back at the lodge a Crab-eating Fox was trotting around the lawns close to where a Pauraque was settling.

Day 4 To Atta

Today was one of those memorable days that will stay long in the memory and it delivered some outstanding wildlife. Our morning birding walk kicked off with a large Owl Butterfly *Caligo idomeneus* settling for photos and then three Red-throated Caracaras and three Orange-winged Parrots, followed by a Channel-billed Toucan as we reached the road junction. Turning to walk along the main road a Puma suddenly bounded out fifty metres ahead crossing the road in a couple of seconds and disappearing into the forest. Nothing was going to top this but even so as we walked back there were a few Green Aracari's feeding in a fruiting tree and in another fruiting tree a Waved Woodpecker, Purple and Green Honeycreepers. Lastly Three Ringed Woodpeckers were chasing about the boughs of a tall tree shortly before we arrived back for breakfast.

We drove the relatively short distance from Iwokrama River Lodge to Atta Rainforest Lodge seeing a White Bellbird, Black Curassow, Rufescent Tiger Heron and Black Spider Monkey on the way. Reaching Atta we set off almost straight away with our guide Leon and quickly pick up some great birds beginning with a Capuchin Bird, then Purple-throated Fruitcrows, Red-rumped Caciques, Amazonian Violaceous Trogon, Black-tailed Trogon and Golden-headed Manakin. We just missed a Guianan Saki Monkey as it slipped into dense cover. However, we had better luck with a gorgeous Ferruginous Antbird that obligingly hopped up onto a log for

a perfect view. This was closely followed by another handsome forest bird the diminutive Rufous-bellied Antwren. There were butterflies such as *Heliconius sara* on the wing along with striking iridescent *Morpho helenor* and *menelaus* too.

There was a lot of ground to cover so we set out again after lunch and only fifty metres down the track lucked out on an army ant column that was attended by several of the remarkable and beautiful White-plumed Antbird. They were buzzing about restlessly but we were quiet and had great views of these as well as few Rufous-throated Antbirds. We continued through the forest exiting onto the main road where it was very hot, but we still managed to see a male Spangled Cotinga before retreating to the forest. The army ants were obviously still pushing up and now we found both Plain Brown and Buff-throated Woodcreepers as well as a Green Aracari. The habituated family of Black Curassows had arrived for some leftovers and we were able to see these large and normally shy forest birds very close. The late afternoon was spent up at the canopy walkway where we could see a couple of Black Spider Monkeys and then three pairs of Red-and-green Macaws flying across.

There was a fine sunset and we waited for the dusk, observing a Dark-winged Trumpeter clambering up into the canopy to roost and hearing others in the flock crashing about below. Once it was dark enough we set off for a night walk back to the lodge seeing a small 'tarantula' and a couple of land crabs before grinding to an abrupt halt at the sight of a seven foot Bushmaster stretched across the path. It was a magnificent snake and we made sure we kept a distance as we watched it slide slowly down slope and under the canopy walkway the beautiful diamond pattern visible on the coarsely scaled back and a large head as large as a man's hand. Not to be trifled with (this single snake would pack enough punch to kill us all). It didn't end here either as there was still time for a post dinner nightwalk on which we saw a couple of Kinkajous and then 'stalked' a Blackish Nightjar, getting close enough for photos. Some day!

Day 5 Atta and to Surama

Early birding was productive but it all began with a mammal when we had excellent views of a Red Brocket Deer. Reaching the main road there were Red-billed and Channel-billed Toucans, Crimson-crested Woodpecker and then a male Spangled Cotinga followed by a pair of vivid Scarlet Macaws at their nest hole close to where we also saw Black Nunbirds and both Paradise and Green-tailed Jacamars. Chestnut-bellied Seedeater and Rose-breasted Chat came as we wandered back for breakfast. There was a bit of a delay as we sorted out onward transport but in the end we went back into the forest seeing the dazzling iridescent blue *Caeruleuptychia caerulea*, the swallowtail *Protesilaus gauscolaus*, White-flanked Antwrens and a very large blue-tailed Amazon Whiptail Lizard. We waited for our car which took its time giving us the chance to find Chestnut-rumped Woodcreeper.

From Atta we drove south stopping after half an hour along an unremarkable stretch of road, but one which held a secret. Walking into the forest a Guianan Toucanet delayed us a while as it perched contentedly and watched us from a vine. Another ten minutes in and we arrived at an area of huge boulders at the base of a cliff and with a short search saw the dazzling orange male Guianan Cock-of-the-Rock sat calmly on a branch.

After lunch and a siesta we took a stroll around the village with our guide Junior seeing Blue-grey Tanager, Red-and-green Macaws, Brown-throated Parrots and then as dusk settled in a couple of Blackish Nightjars.

Day 6 Surama

A varied and interesting day began with some early birding with the resonating roar of Red Howlers coming from the forest. It was fairly quiet but we did still manage Grey Antbird, Yellow-rumped Caciques, Grey-winged Trumpeter and great views of Red-and-green Macaws. After breakfast we intended to check out the Harpy Eagle nest site to see if the juvenile bird was still hanging around. We couldn't resist another peak at the Guianan Cock-of-the-Rock lek and although only a single male was present the arrival of a female had him performing and we got some decent photos too. Todd's Antwrens were working through the lower canopy as we watched the show. On to the Harpy site and we trekked for forty minutes through fine forest seeing the now familiar morphos on the way. Unfortunately the bird was absent but the locals later told me they think the adult pair is starting to rebuild and hopefully the nest will be occupied by 2013. On the return we saw Red-headed Woodpecker, White-crowned Manakin, White-flanked Antwrens and a Buff-throated Woodcreeper as well as a striking *Mesosemia philocles* (?) with white hindwings and a blue flash on the forewings. Slightly disappointed not to see the Harpy we drove on back to village but hadn't gone far down the access road when a large raptor swept across the road and landed on a palm and we got all to brief views of the rare Crested Eagle before it slipped into the forest.

The afternoon session actually extended into the night, beginning with a two mile walk through the some fine forest to the Burra Burra River and seeing Violaceous Trogon, Boat-billed Flycatcher, Crested Oropendula, Violaceous and White-vented Euphonias on the way. Form the landing we paddled upstream with no engine to break the peaceful late afternoon forest seeing Little Chachalacas, Cocoli Heron, White-banded Swallows, two Grey-necked Wood Rails and both Green and Amazon Kingfishers on the way. As dusk arrived we waited motionless on the river for the changeover to the nocturnal sounds seeing Ringed Kingfishers hurtling upstream towards us as they flew to their roosts and allowed the sky to darken before starting the journey downstream. Pauraques were soon seen (and heard) and as we progressed there were the red-eyes of a caiman, a couple of large Gladiator Frogs and then a great view of a nocturnal Boat-billed Heron. The walk back through the forest also brought some good things

with a sighting of a Gray Four-eyed Opossum and then on reaching the savanna again a brief view of a Tropical Screech Owl.

Day 7 To Rewa

Leaving the pleasant environs of Surama we drove through the forest and onto the savanna surrounding Annai before reaching a boat landing where we met our guide Ken and boatman Winston for the trip upriver to Rewa. The river was flanked by forest and there were kingfishers, Ospreys, Cocoi, Striated and Black-capped Herons, and then a lovely sight of a well grown Great Potoo chick snuggled up to its parent on an exposed branch. Black Spider Monkey was also seen before we arrived in time for a late lunch.

In the afternoon we went further upriver and then took a narrow side river and pulled up flushing two Muscovy Ducks which burst from the swamp forest. We walked through the forest for twenty minutes before arriving at a tranquil lakeside with a placid reflective lake surrounded by forest and floating on the water were the immense ribbed leaves of the giant water lily *Victoria amazonica*. We took a canoe out onto the lake and enjoyed a serene paddle around the lake seeing Rufescent Tiger Heron, Greater Ani, Rusty-margined Flycatcher and even the occasional giant Arapaima fish as it surfaced and the back and fins came clear of the water. A Large-billed Tern patrolled up and down and Wattled Jacanas chased across the lily pads and water hyacinth. We stopped beside a large bud of the former, the sepals covered in protective spines and watched for a while since late afternoon is when these big flowers open and it was possible to notice the change in the fifteen minutes we were there as petals began to unfurl. However, we couldn't stay until the conclusion as it would be dark by then so we paddled back to the landing. The oxbow lake was quite simply one of the most peaceful places I have ever been, no disturbance no alien noises just pristine nature.

Day 8 Rewa

After breakfast beside the river we set off downstream and along the Rupununi River stopping to look at a red-furred Red Howler on the way and then as Yellow-billed Terns flew overhead in an ox-bow lake we pulled up among some trees to look at a Common Potoo perched motionless on a branch relying on its camouflage but still peering at us through half open eyes to make sure. Not much further up and we go out of the boat and started walking inland, but hadn't gone far when a movement caught Ken's eye and he pointed out a Guianan Saki Monkey. These are shy and lightning fast mammals and we had to work hard to get good views of the 'moon-faced' male as he and two females darted about the trees stopping occasionally to peer at us. Just beyond these was a clearing where local Makushi people grow their cassava and other crops and we had a look at this process before beginning a walk up the

Arawarmie Mountain, seeing a dark swallowtail *Battus polydamas* on the way. The trail was quite steep at first as far as the look-out point of the river where we flushed a Ladder-tailed Nighthjar, but the rest of the trail was quite rocky but less steep and wound up through forest to the magnificent viewpoint where we looked out onto an incredible unbroken carpet of rainforest with forest clad hills stretching to the horizon – quite magical. The descent brought us Great Tinamou and *Opsiphanes* sp butterfly as Guianan Toucanet called nearby and energetic ‘trains’ of yellow *Aphrissa statira* butterflies criss-crossed the river as we sped back. After a rest through the heat of the afternoon we set off up river with stunning reflective forest views in the placid river. After about twenty minutes a tell-tale squeak drew attention to young Giant Otters hidden on a bank and one of the parents suddenly appeared in the water snorting its disapproval at us and rearing up in the water to reveal the creamy throat markings. On a large sandbank further on we came upon a flock of Black Skimmers that took off and then flew around, some demonstrating their skimming behaviour. There were also Yellow-billed Terns and Pied Lapwings. A Black Spider Monkey was seen next followed by Green Aracari and then a bright yellow patch on the riverbank turned into hundreds of *Aphrissa statira* butterflies clustered together feeding on salts. The afternoon was turning to dusk and we pulled up and waited for dark as Spotted Puffbirds called around us and a Short-tailed Nighthawk flew overhead. Pauraques were also starting to call and we saw several of these and Ladder-tailed Nighthjars as we went with the occasional Bulldog Bats ‘roaring’ past with their clearly audible wingbeats. The red eyes of Black Caiman could be seen from time to time and there was a fairly close Amazonian Tree Boa, a sleeping Green Iguana and then with two great beacon-like eyes a Great Potoo perched on a high snag.

Day 9 To Rock View

Another pleasant breakfast beside the river and then sadly we had to leave the very pleasant environs of Rewa. However, the journey out proved interesting with a troop of Brown Bearded Sakis the star turn, as well as a large Black Caiman, brief views of Lesser Razor-billed Cuarassows and another look at the Great Potoo chick we’d seen on the way in. We drove onto Rock View in good time for lunch and then relaxed in the afternoon until 3.30 when we set off up the local nature trail. From the big rock on the top we saw Blue-backed Manakin and Pale-eyed Tyrannulet, returning in the dark to look for poison frogs but finding none – it was too dry here.

Day 10 Rock View

A much larger Cock-of-the-Rock lek was our target today and we set off early meeting our guide and then walking through fine rainforest to the rocky lek seeing Black Spider Monkey, butterflies and flushing a Great Tinamou on the way. At one point there were three males

chasing each other in a somewhat half-hearted way, but impressive nonetheless, but it must be remembered that their peak lekking season is February-March. Walking back there were more good butterflies with *Mechanitis polymnia*, *Morpho helenor*, *Morpho menelaus*, *Caligo eurilochus*, *Eryphanis reevesii*, *Pierella lena*, *Taygetis laches*, *Heliconius erato*, *Heliconius sara* and *Adelpha cytherea* and then Ringed Woodpecker, Buff-throated Woodcreeper and Ochre-bellied Flycatcher followed by a beautifully camouflaged *Caorois chorinalus* as we waited for the car. The afternoon was spent relaxing.

Day 11 To Karanambu

Early morning we went to try and find *Dendrobates leucomelas* at a nearby spring but had no luck as there was still too much water (not the case in February). However, our luck was to turn later after we had moved on, driving first to the boat landing and then cruising upstream seeing Black Caiman and some large Green Iguana as well as the now familiar waterbirds. After lunch and an afternoon siesta we set off on our boat trip quickly seeing three vividly coloured Red Howlers. There was pleasant calm oxbow lake with Arapaimas occasionally breaking the surface and Orange-winged Amazons in the trees. Taking a narrow channel we immediately saw the snake-like profile of an Agami Heron and had superb views of this incredible bird. We'd hoped to get through the channel to the lily pond beyond but no way so we reversed and as we exited there was a second Agami Heron. It got better as not so far downstream a couple of yellow spotted thick coils caught my eye and there was an Anaconda on the bank coiled around a large Green Iguana. We moved right into the bank for a close view and photos, the snake not moving a muscle. The lovely peaceful channels became even more idyllic as dusk drew in and dozens of Lesser Nighthawks fluttered across the sky, a couple of Agami Herons flew to roost followed by a Boat-billed Heron. The ride back in the dark gave us a couple of good Amazonian Tree Boas, several Black Caiman and a Common Potoo.

Day 12 Karanambu

A quick coffee and then we were off driving across the savanna in the cooler morning air seeing Savanna Hawk, Crested Caracara and elegant Forked Flycatchers perched atop bushes and then beyond the airstrip we found our prize – the Giant Anteater. With a bit of cajoling from the guides we had superb views of this somewhat comical-looking but amazing mammal very close as it trotted through the grassland, the great brush of a tail balancing the elongated snout. With this achieved we could relax and enjoy the rest of the drive stopping by a large pond with Wattled Jacanas and a Glittering-throated Emerald feeding on a white passion flower vine. In an area of damp grassland we found delicate Bearded Tachuris before returning for breakfast well satisfied.

Afterwards we went on a walk through a large patch of gallery forest where we found White-bellied Antbird, pink-winged dragonflies and many fine butterflies such as a *Riodina lysippus*, the green heliconian *Philethrea dido* and stunning orange *Stalachtis calliope* that as its name suggests settles beneath leaves hanging downwards. A Sunbittern was seen quite well in the tangled swamp undergrowth further on as a number of *Heliconius sara* fluttered about with metallic blue and white upperwings.

Although it was still hot by mid-afternoon we wanted to check on the progress of the Anaconda we found yesterday so set off at three thirty and went back to the same spot but the snake had moved on. On a sandbank were four Black Skimmers which flew off and then cruised low over the water a couple of times and on the next sandbank were thousands of cream *Aphrissa statira* and a sprinkling of orange *Phoebis argante* smothering the ground taking salts. We got off the boat and went closer and were enveloped in a wonderful cloud of butterflies. The same three Red Howlers were sitting in the same tree as yesterday further on and then taking a narrow side channel we found three stunning Agami Herons which stalked the tangled roots slowly spearing fish as they went. The channel opened out into a beautiful oxbow lake the surface of which was covered in the huge lily pads of *Victoria amazonica* and on these stood a number of Black-crowned Night Herons, the great leaves easily supporting their weight. The sun was going down and it was a tranquil spot to enjoy the end of the day. Back on the main river in the dark we saw the now familiar Black Caiman and many Lesser Nighthawks as well as a couple of Common Potoos.

Day 13 To Caiman House

Our second anteater patrol failed to find any of the marvellous beasts and somehow they all hid from us as we bounced across the savanna checking all the favourite spots but there were a few Crested Bobwhites and a female Vermillion Flycatcher. After breakfast we took a short boat trip to Yupakari and Caiman House where many studies have been conducted on the Black Caiman in the area. This was a poorly calculated arrangement by our ground agent as we now had to while away many hours (in a town isolated from suitable good habitat) and wait for our late afternoon river trip (needless to say things would be better arranged on the tour). The river trip produced a few Red Howlers and as we waited on a sand bank for dark seeing a Bat Falcon fly past catching dragonflies, Black-bellied and Muscovy Ducks flying to roost and then many Lesser Nighthawk rose from the woods at dusk. Unfortunately all the small caiman were too smart and hid quickly in cover and we were unable to catch (again for the tour we are going at a better time of year when large animals can be caught) and we had to settle for tree boa, potoos and a few Boat-billed Herons.

Day 14 To Maipama

There was an early morning paddle around a placid large ox-bow which quickly gave us two Sungrebes, a Black-chested Mango feeding on waterside flowers, various kingfishers including the tiny American Pygmy Kingfisher in the denser tangled waterways where we also saw a few baby Black Caiman, Mop-headed Lizards and an Agami Heron. Paddling back there was a good view of a Lineated Woodpecker.

We drove across the savanna past big stands of moriche palms that are used to thatch local houses and then via a rutted, flooded road to the village of Nappi. Beyond on a road which at times stretched the definition we made it through fantastic tall rainforest to the lodge which given its location was nothing short of amazing albeit rustic.

In the afternoon we took a walk through the forest past some simply magnificent great trees getting brief views of Wedge-capped Capuchins and Black Spider Monkeys before reaching a large overhanging rock where a few Spear-nosed Bats were roosting. On the way back there were Black Curassow, Mouse-coloured Antbird, Black-throated Trogon and a female Amazonian White-tailed Trogon. There were also many fine butterflies on the wing with a blue winged skipper *Paches* sp, various heliconids and morphos.

The raucous calls of Gladiator Frogs resonated about the clearing during the night.

Day 15 Maipama – Jordan Falls

Rather than camp out in hammocks at the falls overnight (a dubiously comfortable idea) we opted for a day trip to Jordan Falls instead. Before breakfast there were Black-necked Aracaris, a Scarlet Macaw, Grey-lined Hawk, excellent views of a couple of Red-billed Toucans feeding in a fruit tree next to our cabin and then a flock of handsome Cayenne Jays. The walk went through impressive forest and past trees with immense buttress roots and lianas as thick as birch tree trunks and there were glimpses of Wedge-capped Capuchins, a Great Tinamou burst from cover and there was a superb green striped black Three-striped Poison Frog. The route began to climb and then undulated for a couple of hours passing by idyllic forest streams and there were some lovely butterflies with the cryptic *Eryphanis aesacus*, *Caligo eurilochus*, *Morpho menelaus*, the pretty glasswing *Hypothyris gemela*, well camouflaged *Antirrhoea adoptiva*, orange *Mechanitis ismenius* and a handsome moth, which I'd photographed previously at night in Iwokrama.

We reached the falls after three hours, a series of chutes and cascades that raced over the orange-grey rocks and then plunged down a taller fall into the lush green forest, which stretched away over hills in a pristine scene. Several species of dragonfly were about but not much else as it was quite hot now. A second viewpoint lower down revealed the big falls and from here we retraced our steps along the undulating route at one point flushing a Sunbittern

as we crossed a stream, the wonderful 'sun' pattern of the wings a delight. There was the pale blue *Caeruleuptychia caerulea* and a big Black Curassow running down the path before we reached the lodge with our well used feet. The rest of the afternoon was with the same feet up relaxing as flocks of Caica Parrots buzzed over.

In truth the walk to the falls is probably too demanding for a tour and we wouldn't include it, but the surrounding forest is superb and worth a visit with enough other flat trails to keep us busy.

Day 16 To Lethem and Georgetown

There was heavy overnight rain but by dawn this had cleared and only a little mist was left hanging in the air. We walked back to photograph some of the most impressive big trees before breakfast before spending some time photographing butterflies along the main drive. A Black Spider Monkey looked down with *Colobura dirce*, *Pierella lena*, *Morpho menelaus*, *Electrostrymon endymion* and *Antirrhoea philoctetes*. We then waited for our transport to Lethem...and waited...and waited. Eventually when we had all but given up a car arrived and we were off along the muddy track and onto Lethem in time for the flight but only just – the overnight rain had created some delays and almost cost us.

Day 17 Kaieteur Falls

Heavy overnight rain left a thick bank of grey cloud in the sky in the morning casting some doubt as to whether our tour would go but we were reassured the weather on the coast had little reflection on that inland and indeed things began to clear up and eventually we were underway in typically steady Guyanese fashion. The journey took us across staggering forest landscapes with incredible tracts of virgin forest as far as the eye could see in all directions and then nearing the falls forested hills appeared and deep canyons with occasional cliffs and wisps of mist. The pilot flew around the falls so we could all see them from the air and they looked beautiful in their magnificent unsullied location as nature intended.

The only downside with the day was the short time we had to explore (the tour would have longer) but even so in the two hours we were there we crossed over a very different landscape to that we had seen so far with the flat rocky tops of the hills echoing the tepuis of Venezuela and possessing some fascinating plants with mats of red-leaved sundews, tiny bladderworts, extraordinary semi-parasitic bromeliads, stands of the semi-carnivorous bromeliad *Brocchinia reducta* and the immense vases of the tank bromeliads that dominated some areas. These were home to a number of pretty golden poison frogs that spend their whole lives among the water filled leaves. As we walked we also saw White-tipped Swifts wheeling overhead and got another look at a male Guianan Cock-of-the-Rock before the first of the three superb

viewpoints that revealed the full majesty of the falls, each one bringing us closer to the falls until in the end we were standing right beside them as the placid river behind suddenly woke up and fell over the precipice. It would have been easy to spend an entire day here or more, but we had to fly onto Baganara Island for lunch where we could also see Common Black Hawks chasing around and Southern Lapwings on the lawn. A final short flight took us across yet more pure emerald forests to Georgetown.

Day 18 Abary River

A very early start saw us on the road by four thirty and driving east stopping after an hour beside the Abary River. We moved slowly along the road finding many different birds such as Grey Kingbird, Rufous Crab Hawk, Crane Hawk, Black-crested Antbird, Spotted Tody-Flycatcher, Bicoloured Conebill and then the scarce Blood-coloured Woodpecker. Large flocks of Black-bellied Whistling Ducks were wheeling overhead too. A couple of big Tegu Lizards scuttled across the road and there were many dragonflies on the wing along with White Peacocks, Red Monarchs and *Junonia evarete*. A Boat-billed Tody-Flycatcher was seen and then two more Blood-coloured Woodpeckers, two Crimson-crested Woodpeckers and two White-bellied Piculets. The road ended by the coast. In a large drainage dyke hundreds of big catfish were crowding together in a writhing mass to capture the many shrimps being swept along by the current. This also attracted a few Yellow-crowned Night Herons, but there were many more of these on a different area of mudflats including one which was eating a Semipalmated Sandpiper. Fiddler Crabs waved their outsized claws as we sorted through the many waders with Baird's, White-rumped and Least Sandpipers, Greater Yellowlegs, a Short-billed Dowitcher, Whimbrel and Semipalmated Plover.

We returned to Georgetown (on the tour we would continue onto a different site to see the national bird of Guyana the Hoatzin) for lunch after which we drove a short distance to the Demerara River and took a boat trip to see the stunning Scarlet Ibis finding a few scattered in the mangroves together with various herons and egrets and two Red-bellied Macaws flew over as we crossed the river also seeing the bizarre Largescale Four-eyed Fish *Anableps anableps* which can see above and below water at the same time.

Day 19 To UK

A final breakfast and then I was off to the airport and the long journey home via Miami leaving bang on time – a first for Guyana!

Systematic List Number 1 Birds

A total of 215 taxa were recorded during the reccy, but no doubt even more would be encountered during a tour.

Great Tinamou	<i>Tinamus major</i>	Rewa, Maipama
Undulated Tinamou	<i>Crypturellus undulates</i>	Heard at Yupakari
Spix's Guan	<i>Penelope jacquacu</i>	Atta
*Marail Guan	<i>Penelope marail</i>	Atta, Iwokrama
*Black Curassow	<i>Crax alector</i>	Widespread, habituated group at Atta
*Lesser Razor-billed Curassow	<i>Mitu tomentosum</i>	Rewa
*Little Chachalaca	<i>Ortalis motmot</i>	Surama, Rewa
Muscovy Duck	<i>Cairina moschata</i>	Rewa, Yupakari
Neotropical Cormorant	<i>Phalacrocorax brasilianus</i>	Scattered
Anhinga	<i>Anhinga anhinga</i>	Scattered along rivers
Capped Heron	<i>Pilherodius pileatus</i>	Karanambu
Tricoloured Heron	<i>Egretta tricolor</i>	Coasts
Little Blue Heron	<i>Egretta caerulea</i>	Coasts and rivers
Snowy Egret	<i>Egretta thula</i>	Widespread
Cocoi Heron	<i>Ardea cocoi</i>	Rivers mainly, common
Great Egret	<i>Ardea alba</i>	Widespread
Cattle Egret	<i>Bubulcus ibis</i>	Savanna
Rufescent Tiger Heron	<i>Tigrisoma lineatum</i>	Quite common around oxbow lakes
Striated Heron	<i>Butorides striata</i>	Abundant along rivers
Yellow-crowned Night Heron	<i>Nyctanassa violacea</i>	Coastal mangroves, mudflats
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Lily-pond at Karanambu
Boat-billed Heron	<i>Cochlearius cochlearius</i>	Surama, Yupakari
Agami Heron	<i>Agamia agami</i>	Stunning, seen very well at Karanambu
Jabiru	<i>Jabiru mycteria</i>	Scattered, Iwokrama, Karanambu
Green Ibis	<i>Mesembrinibis cayennensis</i>	Scattered
*Buff-necked Ibis	<i>Theristicus caudatus</i>	Rock View gardens
Limpkin	<i>Aramus guarana</i>	Karanambu
Greater Yellow-headed Vulture	<i>Cathartes melambrotus</i>	Atta
Black Vulture	<i>Coragyps atratus</i>	Widespread
Turkey Vulture	<i>Cathartes aura</i>	Widespread
Crane Hawk	<i>Geranospiza caerulescens</i>	Abary
Osprey	<i>Pandion haliaetus</i>	Waterways
Snail Kite	<i>Rostrhamus sociabilis</i>	Georgetown
Rufous Crab Hawk	<i>Buteogallus aequinoctialis</i>	Abary
Common Black Hawk	<i>Buteogallus anthracinus</i>	Baganara Resort
Great Black Hawk	<i>Buteogallus urubitinga</i>	Widespread
Savanna Hawk	<i>Buteogallus meridionalis</i>	Savanna, open areas
White-tailed Hawk	<i>Buteo albicaudatus</i>	Surama
Crested Eagle	<i>Morphnus guianensis</i>	Surama
Roadside Hawk	<i>Buteo magnirostris</i>	Widespread
Grey-lined Hawk	<i>Asturia nitida</i>	Maipama, Yupakari
American Kestrel	<i>Falco sparverius</i>	Karanambu
Northern Caracara	<i>Caracara cheriway</i>	Widespread
Red-throated Caracara	<i>Ibycter americanus</i>	Iwokrama
Black Caracara	<i>Daptrius ater</i>	Rewa
Yellow-headed Caracara	<i>Milvago chimachima</i>	Widespread, open areas

Grey-necked Wood Rail	<i>Aramides cajanea</i>	Surama
Sunbittern	<i>Eurypyga helias</i>	Beautiful bird, seen quite well at Karanambu and Maipama
Sungrebe	<i>Heliornis fulica</i>	Ox-bow lake at Yupakari
*Grey-winged Trumpeter	<i>Psophia crepitans</i>	Widespread in tall forest
Grey Plover	<i>Pluvialis squatarola</i>	Mudflats near Georgetown
Semipalmated Plover	<i>Charadrius semipalmatus</i>	Mudflats near Georgetown
Pied Lapwing	<i>Vanellus cayanus</i>	Alongside rivers
Southern Lapwing	<i>Vanellus chilensis</i>	Widespread, open areas
Whimbrel	<i>Numenius phaeopus</i>	Mudflats near Georgetown
Short-billed Dowitcher	<i>Limnodromus griseus</i>	Mudflats near Georgetown
Greater Yellowlegs	<i>Tringa melanoleuca</i>	Mudflats near Georgetown
White-rumped Sandpiper	<i>Calidris fuscicollis</i>	Mudflats near Georgetown
Baird's Sandpiper	<i>Calidris bairdii</i>	Mudflats near Georgetown
Semipalmated Sandpiper	<i>Calidris pusilla</i>	Mudflats near Georgetown
Least Sandpiper	<i>Calidris minutilla</i>	Mudflats near Georgetown
Willet	<i>Catoptophorus semipalmatus</i>	Mudflats near Georgetown
Spotted Sandpiper	<i>Actitius macularius</i>	Widespread
Solitary Sandpiper	<i>Tringa solitaria</i>	Karanambu
Laughing Gull	<i>Larus atricilla</i>	Coasts
Gull-billed Tern	<i>Gelochelidon nilotica</i>	Near Georgetown
*Least Tern	<i>Stenrula antillarum</i>	Mudflats near Georgetown
Large-billed Tern	<i>Phaetusa simplex</i>	Rivers
Yellow-billed Tern	<i>Sternula superciljaris</i>	Rewa
Black Skimmer	<i>Rynchops niger</i>	Rivers
Scaled Pigeon	<i>Patagioenas speciosa</i>	Scattered
Pale-vented Pigeon	<i>Patagioenas cayennensis</i>	Widespread
Ruddy Pigeon	<i>Patagioenas subvinacea</i>	Widespread
Plumbeous Pigeon	<i>Patagioenas plumbea</i>	Savanna
White-tipped Dove	<i>Leptotila verreauxi</i>	
Ruddy Ground Dove	<i>Columbina talpacoti</i>	Widespread
Common Ground Dove	<i>Columbina passerine</i>	Savanna
Red-and-green Macaws	<i>Ara chloropterus</i>	Locally common, Surama, Iwokrama
Scarlet Macaw	<i>Ara macao</i>	A stunning bird, a pair at Atta, one at Maipama, sadly declining fast because of pet trade which is still rife in Guyana Two flew over Demerera River
*Red-bellied Macaw	<i>Ara manilita</i>	
*Golden-winged Parakeet	<i>Brotogeris chrysoptera</i>	
Brown-throated Parakeet	<i>Aratinga pertinax</i>	Surama, Rock View
*Caica Parrot	<i>Pionopsitta caica</i>	Atta, Maipama
Blue-headed Parrot	<i>Pionius mentruus</i>	Atta
Orange-winged Amazon		Widespread in forest
*Blue-cheeked Amazon	<i>Amazonus dufresniana</i>	Atta
Mealy Parrot	<i>Amazonus farinose</i>	Atta
Yellow-crowned Amazon	<i>Amazonus ochrocephala</i>	Rock View
Squirrel Cuckoo	<i>Piaya cayana</i>	Atta
Little Cuckoo	<i>Piaya minuta</i>	Abary
Smooth-billed Ani	<i>Crotophaga ani</i>	Widespread in open areas
Greater Ani	<i>Crotophaga major</i>	Riversides
Tropical Screech Owl	<i>Megascops choliba</i>	Surama
Pauraque	<i>Nyctidromus albicollis</i>	Widespread
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	Abundant along rivers

Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	Rewa
*Ladder-tailed Nightjar	<i>Hydropsalis climacocera</i>	Near Rewa
Blackish Nightjar	<i>Caprimulgus nigrescens</i>	Atta
White-tipped Swift	<i>Aeronautes montivagus</i>	Kaieteur
White-collared Swift	<i>Streptoprocne zonaris</i>	Iwokrama
Band-rumped Swift	<i>Chaetrua spinicaudis</i>	Widespread
*Lesser Swallow-tailed Swift	<i>Panyptila cayennensis</i>	Atta
Reddish Hermit	<i>Phaethornis ruber</i>	Atta
*Eastern Long-tailed Hermit	<i>Phaethornis superciliosus</i>	Atta, Wowetta
Grey-breasted Sabrewing	<i>Campylopterus largipennis</i>	Maipama
Black-throated Mango	<i>Anthracothorax nigricollis</i>	Yupakari
Plain-bellied Emerald	<i>Amazilia leucogaster</i>	Georgetown
Fork-tailed Woodnymph	<i>Thaluriana furcata</i>	
Glittering-throated Emerald	<i>Amazilia fimbriata</i>	Karanambu
Amazonian Violaceous Trogon	<i>Trogon violaceus</i>	Atta
Black-tailed Trogon	<i>Trogon melanurus</i>	Atta
*Amazonian White-tailed Trogon	<i>Trogon viridis</i>	Maipama, heard at Atta
Ringed Kingfisher	<i>Megaceryle torquata</i>	Widespread
Green Kingfisher	<i>Chloroceryle Americana</i>	Rivers
Amazon Kingfisher	<i>Chloroceryle amazona</i>	Rivers
American Pygmy Kingfisher		Yupakari, Abary
Paradise Jacamar	<i>Galbula dea</i>	Atta
*Green-tailed Jacamar	<i>Galbula galbula</i>	Atta
Spotted Puffbird	<i>Bucco tamatia</i>	Heard at Rewa
*Black Nunbird	<i>Monasa atra</i>	Atta
*Guianan Toucanet	<i>Selenidera piperivora</i>	Near Surama, heard Rewa
Green Aracari	<i>Pteroglossus viridis</i>	Atta, Iwokrama
Black-necked Aracari	<i>Pteroglossus aracari</i>	Maipama
Channel-billed Toucan	<i>Ramphastos vitellinus</i>	Widespread
Red-billed Toucan	<i>Ramphastos tucanus</i>	Widespread
Yellow-tufted Woodpecker	<i>Melanerpes cruentatus</i>	Wowetta
*Golden-collared Woodpecker	<i>Venilornis cassini</i>	Atta
*Waved Woodpecker	<i>Celeus undatus</i>	Iwokrama
Ringed Woodpecker	<i>Celeus torquatus</i>	Iwokrama
Chestnut Woodpecker	<i>Celeus elegans</i>	Iwokrama, Atta
Crimson-crested Woodpecker	<i>Campephilus melanoleucos</i>	Scattered
Lineated Woodpecker	<i>Drycopus lineatus</i>	Widespread
Red-necked Woodpecker	<i>Campephilus rubricollis</i>	Surama, Rewa
*White-bellied Piculet	<i>Picumnus spilogaster</i>	Abary
Yellow-chinned Spinetail	<i>Certhiaxis cinnamomeus</i>	Abary
Wedge-billed Woodcreeper	<i>Glyphorhynchus spirurus</i>	Iwokrama
Plain Brown Woodcreeper	<i>Dendrocincla fuliginosa</i>	Atta
Buff-throated Woodcreeper	<i>Xiphorhynchus guttatus</i>	Widespread
*Chestnut-rumped Woodcreeper	<i>Xiphorhynchus pardalotus</i>	Atta
Straight-billed Woodcreeper		Abary, Iwokrama
Black-crested Antshrike	<i>Sakesphorus Canadensis</i>	Abary
Fasciated Antshrike	<i>Cymbilaimus lineatus</i>	Atta
*Mouse-coloured Antshrike	<i>Thamnophilus murinus</i>	Iwokrama, Maipama
*Rufous-bellied Antwren	<i>Myrmotherula guttata</i>	Iwokrama, Atta
White-flanked Antwren	<i>Myrmotherula axillaris</i>	Wowetta

*Todd's Antwren	<i>Herpsilochmus stictocephalus</i>	Surama
Dusky Antbird	<i>Cercomacra tyrannina</i>	Iwokrama
Grey Antbird	<i>Cercomacra cinerascens</i>	Surama
White-plumed Antbird		Stunning bird seen very well around ant swarm at Atta
*Ferruginous-backed Antbird	<i>Myrmeciza ferruginea</i>	Atta, a beauty
*White-bellied Antbird	<i>Myrmeciza longipes</i>	Seen well at Karanambu
*Rufous-throated Antbird	<i>Gymnopythis rufigula</i>	With ant swarm at Atta
Spotted Tody-Flycatcher	<i>Todirostrum maculatum</i>	Abary
*Boat-billed Tody-Tyrant	<i>Hemitriccus josephinae</i>	Abary
Northern Scrub Flycatcher	<i>Sublegatus arenarum</i>	Abary
Short-crested Flycatcher	<i>Myiarchus ferox</i>	Rewa
Forest Eleania	<i>Myiopagis gaimardii</i>	Atta
Pied Water Tyrant	<i>Fluvicola pica</i>	Abary
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	Abary
Fork-tailed Flycatcher	<i>Tyrannus savana</i>	Savanna
*Grey Kingbird	<i>Tyrannus dominicensis</i>	Abary
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	Atta, etc
*Bearded Tachuri	<i>Polystictus pectoralis</i>	Karanambu
*Pale-eyed Pygmy-tyrant	<i>Atalotriccus pilaris</i>	Rock View
Vermillion Flycatcher	<i>Pyrocephalus rubinus</i>	Karanambu
White-headed Marsh Tyrant	<i>Arundinicola leucocephala</i>	Karanambu
Streaked Flycatcher	<i>Myiodynastes maculates</i>	Atta
Lesser Kiskadee	<i>Philohydor lector</i>	Widespread
Boat-billed Flycatcher	<i>Megarhynchus pitangua</i>	Iwokrama
Social Flycatcher	<i>Myiozetetes similis</i>	Widespread
Rusty-margined Flycatcher	<i>Myiozetetes cayanensis</i>	Widespread
Great Kiskadee	<i>Pitangus sulphuratus</i>	Widespread
Spangled Cotinga	<i>Cotinga cotinga</i>	Atta
White Bellbird	<i>Procnias albus</i>	En route to Atta
Capuchinbird	<i>Perissocephalus tircolor</i>	Scattered, Atta, Iwokrama, Maipama
Screaming Piha	<i>Lipaugus vociferans</i>	Abundant heard constantly, seen rarely
Purple-throated Fruitcrow	<i>Querula purpurata</i>	Atta
Guianan Cock-of-the-Rock	<i>Rupicola rupicola</i>	A bird wonder, seen well near Surama, Wowetta and Kaieteur
Blue-backed Manakin	<i>Chiroxiphia pareola</i>	Rock View
Golden-headed Manakin	<i>Pipra erythrocephala</i>	Atta, Wowetta
White-crowned Manakin	<i>Dixiphia pipra</i>	Wowetta
Red-eyed Vireo	<i>Vireo olivaceus</i>	Atta
*Ashy-headed Greenlet	<i>Hylophilus pectoralis</i>	Abary
Cayenne Jay	<i>Cyanocorax cayanus</i>	Maipama, Rewa
White-winged Swallow	<i>Tachycineta albiventer</i>	Common
Grey-breasted Martin	<i>Progne chalybea</i>	Common
Southern Roughwing Swallow	<i>Stelgidopteryx ruficollis</i>	Scattered
White-banded Swallow	<i>Atticora fasciata</i>	Surama, Rewa
Southern House Wren	<i>Troglodytes musculus</i>	Georgetown
Tropical Mockingbird	<i>Mimus gilvus</i>	Savanna
Pale-breasted Thrush	<i>Turdus leucomelas</i>	Rock View, Surama
Flame-crested Tanager	<i>Tachyphonus cristatus</i>	Atta
Silver-beaked Tanager	<i>Ramphocelus carbo</i>	Iwokrama, etc
Palm Tanager	<i>Thraupis palmarum</i>	Widespread

Blue-grey Tanager	<i>Thraupis episcopus</i>	Iwokrama, Rock View
Turquoise Tanager	<i>Tangara Mexicana</i>	Iwokrama
Spotted Tanager	<i>Tangara punctata</i>	Atta
*Bicoloured Conebill	<i>Conirostrum bicolour</i>	Abary
Blue Dacnis	<i>Dacnis cayana</i>	Atta
Purple Honeycreeper	<i>Cyanerpes caeruleus</i>	Iwokrama, Atta
Green Honeycreeper	<i>Chlorophanes spiza</i>	Iwokrama
*Chestnut-bellied Seedeater	<i>Sporophila castaneiventris</i>	Atta
Ruddy-breasted Seedeater	<i>Sporophila minuta</i>	Rock View
Rose-breasted Chat	<i>Granatellus pelzelni</i>	Atta
Red-capped Cardinal	<i>Paroaria gularis</i>	Widespread
Yellow Warbler	<i>Dendroica petechia</i>	Abary
*Yellow Oriole	<i>Icterus nigrogularis</i>	Abary
Red-rumped Cacique	<i>Cacicus haemorrhous</i>	Iwokrama, Atta
Yellow-rumped Cacique	<i>Cacicus cela</i>	
Crested Oropendula	<i>Psarocolius decumanus</i>	Rewa
*Green Oropendula	<i>Psarocolius viridis</i>	Iwokrama
Red-breasted Blackbird	<i>Sturnella militaris</i>	Scattered
White-vented Euphonia	<i>Euphonia minuta</i>	Surama
Violaceous Euphonia	<i>Euphonia violacea</i>	Surama

Systematic List Number 2

Mammals

Common Four-eyed Opossum	<i>Philander opossum</i>	Surama
Pale-throated Three-toed Sloth	<i>Bradypus tridactylus</i>	Iwokrama
Giant Anteater	<i>Myrmecophaga tridactyla</i>	Amazing mammal seen very well at Karanambu
Brown Capuchin	<i>Cebus paella</i>	Karanambu
Wedge-capped Capuchin	<i>Cebus olivaceus</i>	Iwokrama, Maipama
Guianan Saki Monkey	<i>Pithecia pithecia</i>	Fast moving but reasonable views near Rewa, also at Atta
Brown Bearded Saki Monkey	<i>Chiropotes satanas</i>	Rewa
Red Howler Monkey	<i>Alouatta seniculus</i>	Widespread
Black Spider Monkey	<i>Ateles paniscus</i>	Widespread
Kinkajou	<i>Potos flavus</i>	Atta
Giant Otter	<i>Pteronura brasiliensis</i>	Rewa
Puma	<i>Puma concolor</i>	One dashed across the road at Iwokrama
Red Brocket Deer	<i>Mazama Americana</i>	Atta
Red-rumped Agouti	<i>Dasyprocta agouti</i>	Widespread, but rarely seen

Systematic List Number 3

Reptiles & Amphibians

Three-striped Poison Frog	<i>Epipedobates trivittatus</i>	A couple at Maipama, shy and as with most populations only two lateral green stripes
Yellow-banded Poison Frog	<i>Dendrobates leucomelas</i>	Not actually seen but locations found which could yield this species if conditions are right
Golden Rocket Frog	<i>Anomaloglossus beebei</i>	Kaieteur Falls in huge tank bromeliads
Jewelled Tree Frog	<i>Hyla miyatai</i>	One at Iwokrama
Gladiator Tree Frog	<i>Hyla boans</i>	Loud and large, Iwokrama, etc
Rain Frog	<i>Eleutherodactylus spp</i>	Several similar species seen
Spectacled Caiman	<i>Caiman crocodylus</i>	Iwokrama
Black Caiman	<i>Caiman niger</i>	Widespread, Rewa, Karanambu
Yellow-spotted River Turtle	<i>Podocnemis unifries</i>	Rewa
Amazon Whiptail	<i>Ameiva ameiva</i>	Widespread
Forest Whiptail	<i>Kentropyx pelviceps</i>	Iwokrama
Mophead Lizard		Yupakari
Black Tegú	<i>Tupinambis nigropunctatus</i>	Scattered, Abary
Green Iguana	<i>Iguana iguana</i>	Karanambu
Anole	Norops spp	Widespread in forest
Amazon Tree Boa	<i>Corallus hortulanus</i>	Common at night along rivers
Green Anaconda	<i>Eunectes murinus</i>	Big one choking an iguana at Karanambu
Amazonian Bushmaster	<i>Lachesis muta</i>	A seven-footer at Atta, amazing

Systematic List Number 4 Butterflies

Some wonderful species were seen during the trip and the forests were generally rich in species throughout.

Papilioninae	<i>Battus polydamas</i>	Near Rewa
	<i>Heraclides thoas</i>	Miapama
	<i>Mimoides pausanias</i>	? maybe seen
	<i>Parides sesostris</i>	Widespread, Iwokrama, etc
	<i>Protesilaus glaucolaus</i>	Atta
Pierinae		
	<i>Glutophrissa drusilla</i>	Scattered
Coliadinae		
	<i>Aphrissa statira</i>	Abundant along rivers, big congregations on sandbanks
	<i>Eurema spp</i>	Widespread
	<i>Pheobis argante</i>	Mingled with <i>Aphrissa</i> on sand banks
	<i>Phoebis sennae</i>	Widespread
Danainae		
	<i>Danaus eresimus</i>	Abary
Ithomiinae		
	<i>Hypothyris semela</i>	Scattered, Iwokrama, Maipama
	<i>Mechanitis polymnia</i>	Widespread
Morphinae		
	<i>Morpho helenor</i>	Widespread in forest
	<i>Morpho Menelaus</i>	Widespread in forest
	<i>Morpho rhetenor</i>	? probably seen at Iwokrama and Maipama, never seen settled
	<i>Caligo eurilochus</i>	Widespread
	<i>Caligo idomeneus</i>	Iwokrama, etc
	<i>Caligo ilioneus</i>	Wowetta, etc
	<i>Catoblepia xanthicles</i>	Iwokrama
	<i>Eryphanis aesacus</i>	Maipama
	<i>Eryphanis sp</i>	Fine species at Wowetta
	<i>Opsiphanes spp</i>	Scattered
	<i>Caorois chorinalus</i>	Near Wowetta
	<i>Antirrhoe adoptiva</i>	Maipama
	<i>Antirrhoe philoctetes</i>	Fine species at Maipama
Satyrinae		
	<i>Pierella lena</i>	Widespread, always close to ground
	<i>Haetera piera</i>	Iwokrama
	<i>Taygetis laches</i>	Iwokrama
	<i>Cissia spp</i>	Various species seen
	<i>Caeruleptychia caerulea</i>	Stunning shining pale blue, Atta and Maipama
Biblidinae		
	<i>Hamadryas feronia</i>	Yupakari
Nymphalinae		
	<i>Anartia jatropha</i>	Widespread ruderal species
	<i>Bia actorion</i>	Widespread

	<i>Colobura dirce</i>	Maipama
	<i>Junonia evarete</i>	Abary
	<i>Siproeta stelenes</i>	Scattered and widespread
Heliconiinae		
	<i>Dryadula phaetusa</i>	Widespread
	<i>Dryas iulia</i>	Widespread
	<i>Heliconius erato</i>	Widespread and common
	<i>Heliconius sara</i>	Karanambu, etc
	<i>Philaethria dido</i>	Widespread
Limnithidinae		
	<i>Adelpha cytherea</i>	Widespread. Other similar species also seen
Riodininae		
	<i>Riodina lysippus</i>	Probably this species which was common at Karanambu
	<i>Stalachtis calliope</i>	Stunning orange species that always settles under leaves, scattered especially at Karanambu
	<i>Stalachtis phaedusa</i>	Clearwing species with orange band, always settles under leaves, Iwokrama
	<i>Stalachtis sp</i>	Dazzling blue marked specie that always settles under leaves, Atta
	<i>Mesosemia nyctea</i>	White on hindwings, Iwokrama
	<i>Mesosemia generis</i>	Blue on hindwings, extending into forewings, Iwokrama
	<i>Mesosemia philocles</i>	Blue forewing, white hindwings, Surama
	<i>Euselasia sp</i>	Maipama
Lycaeninae		Various pretty species seen but not yet identified
	<i>Electrostrymon endymion</i>	Probably this (genus at least) at Maipama
Hesperinae		Several species seen but not identified
	<i>Paches sp</i>	Shining blue species at Maipama

Selected Other Invertebrates

Choeradodis rhombicollis – hooded mantis

Orophus tessellates/conspersus – yellow katydid

Plant hopper – fam *derbidae*

Leaf-footed bug

Anaxita – tiger moth

Bee moth = wasp moth = *phoenicoprocta* sp

Owl fly = Colombia antlion

Dobsonfly = antlion panama

Pleasing fungus beetle – blue – *gibbifer gibbosus*

Tortoise beetle – black & red spots cr – *stolas* sp

Markia hystrix – lichen katydid

Monkey grasshopper –

Bullet ant – *paraponera clavata*