

# Costa Rica

## *An Enchanting Eden*

### A Greentours Tour Report

29<sup>th</sup> October – 14<sup>th</sup> November 2015

Led by Chris Gardner

#### **Day 1 To Costa Rica**

The long but necessary flight brought us to San Jose by late evening and we reached the lodge an hour and a half later, tucked away in the verdant hills to the north.

#### **Day 2 Bosque de Paz**

All was revealed in the morning, with no fewer than nine species of hummingbirds coming to the feeders and surrounding flowers – handsome Black-bellied Hummingbird, Green-crowned Brilliant, Green Violetear, big purple Violet Sabrewings, Purple-throated Mountain-gem, Magnificent Hummingbird, Scintillant Hummingbird, Green Hermit and a female Coppery-headed Hummingbird. Added to this was a very tame male White-nosed Coati, a couple of Central American Agoutis, Chestnut-capped Brush-finch, Yellow-thighed Finch and many Black Guans. The latter were waiting for their morning corn and quickly descended on it when it arrived a frantic chicken-like scramble. It was a sunny morning so butterflies were starting to appear with several skippers including the stunning Two-barred Flasher.

After breakfast we entered the forest finding an array of interesting things from damselflies with ruby-red wing patches and striking bromeliads in flower, to a fine orchid and Spotted Barbtail. A dazzling *Mesosemia grandis* appeared and settled for a time on a leaf. Climbing higher there were Common Bush-tanager, Slate-throated and Collared Redstarts, brief views of Silver-fronted Tapaculo and then a couple of lovely transparent Glasswings *Greta oto*. Then we saw a camouflaged *Taygetis* species, a subtle *Pleurothallis* sp was in flower, as were several scarlet *Columnnea microcalyx* and there were the spotted trumpets of *Solenophora calycosa* shortly before we arrived at the picturesque waterfall. Walking back down we found Grey-breasted Wood-wren, a peculiar red 'doughnut' fungus and then a dark shape on the path moved and produced a snout. It was a Collared Peccary and we had decent views as it ambled across the path. In fact Jean who had not come up with us had been lucky enough to see three of these when she walked past.

A shower arrived on time at 12.30 but this didn't seem to dampen hummingbird activity which continued as we ate lunch. The rain had ceased by the time we set off in the afternoon walking slowly out of the lodge and seeing Yellow-thighed Finch and Collared Redstart. Insect activity had effectively ended but the birds were good with a mixed flock of Golden-winged and

Blackburnian Warblers, with Spotted Barbtail and Yellowish Flycatcher. Silvery-throated Tanagers flew across and we found these again with an Eye-ringed Flatbill and a vivid male Summer Tanager for company. Rounding the bend there were three Prong-billed Barbets and then stopping to check a large fig we found an Emerald Toucanet and had some rather weak views of the lovely Golden-browed Chlorophonia in the same tree. There were also some interesting plants with a couple of *Begonia* species and the native *Gunnera insignis*. Shortly afterwards the mists really came down and made birding a challenge so we turned about and walked down, managing to find a Streak-headed Woodcreeper and a Slate-throated Redstart near the lodge.

A Paca came to the lawns after dark and was seen quite well as it fed and after dinner we took a short wander around finding a couple of exquisite little Emerald Glass Frogs and a variety of interesting moths, including a beautifully marked camouflaged hawkmoth *Manduca* sp.

### Day 3      Bosque de Paz & to Laguna del Lagartos

Morning bridwatching produced a couple of Torrent Tyrannulets on the stream boulders and then a big Owl Butterfly *Caligo eurilochus* flew across and settled briefly beside the road. A mixed flock contained Brown-capped Vireo, Tropical Parula, Wilson's and Black-and-white Warblers, and Ochraceous Wren was seen further along. Walking back there was a circling Red-tailed Hawk. The usual dazzle of hummers were busy around the feeders with agoutis and Black Guans.

A shorter trail in the forest had some fine fungi with puffballs, massed *Mycena*, vivid red *Hygrocybe* as well as a fine stand of reddish-flowered *Alloplectus tetragonus* and plenty of the showy lilac flowers of *Poikilacanthus macranthus*. Animate life was decidedly scarce. Walking back to the lodge some of the group opted for hummingbird photography and some came with me into the orchid garden where there were many bizarre and exquisite little orchids in bloom as well as some showier species such as a *Miltoniopsis*.

Leaving the cool confines of Bosque de Paz we descended into the warmer lowlands passing trees of *Wercklea insignis* with pink trumpet flowers and after a bit of shopping we started out on the road north, stopping first at a small marsh where we saw Purple Gallinule, Northern Jacana and Social Flycatcher. A second stop was very productive with a calling Keel-billed Toucan and then a flock of nine Collared Aracaris. Three species of parrot were seen with Red-Lored Parrot, Olive-throated Parakeet and Orange-chinned Parakeet, but topping all of this was the stunning pure white Snowy Cotinga that perched in a nearby tree. Even when it flew away the starkness of the white was such we could see it from a long way off. The birds didn't end there as a bit further on a pair of Great Green Macaws flew into a tall Almendra tree and began feeding, giving decent scope views as both Masked and Black-crowned Tityras were seen.

We reached the lodge in time to watch half a dozen Scarlet Macaws fly across to roost shortly before Lesser Nighthawks appeared over the canopy and a pair of Short-tailed Nighthawks swooped acrobatically around the lakeside. Some of the group went to see the Spectacled Caiman 'show' after dinner.

## Day 4      Laguna del Lagartos

Activity around the banana feeders began with a couple of early Keel-billed Toucans and over the course of the morning Red-legged and Green Honeycreepers, Northern Oriole, Montezuma's Oropendula and Black-cheeked Woodpecker showed up. A small band of coatis raided the last of the old bananas before the new ones were put out. We walked down to the lake briefly to see Great Blue Heron and Amazon Kingfisher.

The morning walk in the forest produced a diverse array of creatures beginning with a Strawberry Poison Frog and followed by Central American Whiptail, Wood Thrush, a fine forest dragonfly, another very obliging poison frog and a beautiful clearwing butterfly *Cithraea menander*. Descending a steep slope to a huge ceiba tree, Frank and Sue found a perfectly coiled Hog-nosed Pit-viper beside the path. Further on we saw a solitary Central American Spider Monkey, large red *Columnnea* flowers with silky hairy backs to the petals, Crowned Woodnymph and a very long-abdomened Helicopter Damsel fly. Butterflies included *Heliconius sapho*, *Pierella helvetia*, *Euptychia westwoodii* and a Cattleheart. A Green-and-black Poison Frog completed the walk. However, soon after we'd exited a spiralling flock of vultures included at least three King Vultures one of which swooped in low. Another could be seen perched in a nearby tree revealing all of its showy wattles.

Activity from the veranda never really ceased as during lunch Orange-chinned Parakeets arrived, along with more Red-legged Honeycreepers and then two Keel-billed Toucans. A superb Green Basilisk with magnificent crests posed perfectly on a tree trunk and Green Iguana was seen too, before three Collared Aracaris arrived to feed. Orion Cecropian and crackling Variable Crackers were also frequent visitors. We paid a short visit to the King Vulture hide for a close view of a couple of these along with many Black Vultures.

Setting off in the afternoon proper, there was a Pale-billed Woodpecker excavating a nest hole beside the road and then wandering along beside the lagoon we saw two White-lipped Mud Turtles basking. A couple of species of showy Hotlips *Psychotria* species and the attractive trailing plant *Mandevillea hirsuta* with red-centred creamy trumpet-shaped flowers were along the road too and heading off along a side track we saw Eastern Wood-pewee and Willow Flycatcher. We had come out here to watch the Scarlet Macaws fly in to roost and sixteen duly arrived into the big almendra tree in front of us, with a further pair ousted for some reason. Pauraques were calling as we walked back.

A short nightwalk was productive with some fine crickets demolishing the flora, including a horned katydid *Copiphora rhinoceros*, flying stick insects, a sleeping Slender Anole, two superbly colourful Red-eyed Frogs and then to finish off a Snail-eating Snake.

## Day 5      Laguna del Lagartos

There was good early activity from the feeders with Keel-billed Toucans, Collared Aracaris, honeycreepers, *et al.* Brown-hooded and White-fronted Parrots were also seen. Things continued in the same vein afterwards when we visited the flower-filled garden of Adolfo the lodge manager. On arrival there was a Chestnut-coloured Woodpecker feeding on hanging bananas

utterly oblivious to us arriving. Birds came in waves of activity with quiet periods in between, but this gave us time to check out the hummingbird feeders, which drew in five species with Crowned Woodnymph, White-necked Jacobin, Long-billed Hermit, Scaly-breasted and Rufous-tailed Hummingbirds. Black-cowled Oriole were also seen nearby these feeders, whilst in the main area Black-cheeked Woodpecker, Shining, Red-legged and Green Honeycreepers, Blue-grey, Palm, Golden-hooded, Passerini's and Summer Tanagers were the players along with Olive-backed Euphonia, Northern Oriole, Bananaquit and a reappearance of the Chestnut-coloured Woodpecker. Streak-headed Woodcreeper and Black-striped Sparrow had walk on parts.

We returned to the lodge where activity had waned, but this gave us a chance of a breather. A big coati swept through the grounds during the afternoon and a bit later on one of the lodge staff showed us two Eyelash Pit-vipers he had found including the stunning yellow morph known as 'oropel' along with the regular green and red-spotted form. Some time was spent photographing these fascinating and highly venomous snakes. Then we were offered the chance to see a Boa Constrictor he had also found and this was placed among buttress roots for the ideal forest background. There was only a short time available for our forest walk, which was intended to find Owl Butterflies and roosting Morphos but drew a blank, not that we hadn't seen plenty today already. Instead we listened to roosting parrots and the mournful whistle of the Great Tinamou before dusk.

Post-dinner we went on another short night foray where hummingbird feeders in the forest were attracting many nectar-feeding bats, of at least two species. There was a wonderful whirr of bats swooping into the feeders for brief slurps of sugar water and through binoculars many details of their wings and heads could be seen. The bats frequently whisked past our heads on their way to and from the feeders and at one point we were stood only two or three feet away for amazing close views. After this treat we searched the forest edge and little pools, finding a few Red-eyed Leaf Frogs, crickets and a fine orange moth.

## **Day 6      To La Ensenada**

Early birding was quiet with Bare-throated Tiger-heron the main attraction although the feeders still had toucans and oropendulas attending. Today was a transfer day as we needed to cross the continental divide and reach the north-west Pacific region of Guanacaste. Driving out of Laguna del Lagartos we stopped for Bronzed Cowbirds and Green Ibis before reaching Pital, where we found we'd a puncture. Luckily there was a garage very closeby so we stopped there to effect repairs. It wasn't entirely time wasted as we got views of Variegated Squirrel, a juvenile male Orchard Oriole and a big male Green Iguana signalling to a rival from among the bright red African Tulip Tree flowers, quite a combination. In fact iguanas were a big feature of our next stop at a cafe next to a river where some huge beasts were lounging by the entrance and on the trees. Moving on to La Fortuna the clouds were fast disappearing on Volcan Arenal and whilst we ate lunch the peak appeared, revealing smoking fumaroles on the summit that were pumping out gases. Vultures circled across the view and the clouds parted for blue skies.

Our journey continued around the large Lake Arenal (that provides much of Costa Rica's hydroelectric power) and then down onto the Pacific slope where the landscape quickly changed to pasture and wide canopied, low trees. An Osprey was perched in a tree as we descended. Turning off towards our hotel we stopped in an open area for Scissortail Flycatcher, Stripe-

headed Sparrow, Rufous-naped Wren and Streak-backed Oriole, whilst a Turquoise-browed Motmot was only a silhouette against the sun as a big rainbow stretched across the grey sky. A Black Spiny Iguana and Bare-throated Tiger Heron were seen, and a squashed Hooded Skunk left a lasting impression in the air as we arrived.

## Day 7      Bebedero River & La Ensenada

At daybreak White-throated Magpie Jays were roaming about sussing out what could be gleaned from the humans, and they duly gathered at breakfast to catch out the unwary. Along with these there were White-fronted Parrots, Cinnamon Hummingbird and Variegated Squirrels, and Gill saw an American Crocodile from the jetty. The morning was spent on the water exploring the mangroves and coast. A little group of waders before we left had three Surfbirds along with what was to become the staples of Whimbrel, Grey Plover, Willet, Spotted Sandpiper and Turnstone. The water was high so we found many waders perched among the mangroves or on what remained of the mud flats with a few Short-billed Dowitchers, Semipalmated Plovers and Western Sandpipers. A number of impressive Brown Pelicans had gathered around two fishermen hauling in their catch to a small boat and we had superb views of these as they waited to be thrown the unwanted fish. Magnificent Frigatebirds circled overhead and we had good views of these perched in the trees too, included some of the red-pouched males. Moving on there was an impressive male Green Iguana and then at least four species of cacti including columnar *Stenocereus aragonii* growing on the limestone. As we looked at these a juvenile Bare-throated Tiger Heron was seen and photographed. Searching for Boat-billed Heron we found some colourful crabs, a Common Basilisk and a stunning male Yellow Warbler, and then in a different patch there was a Northern Tamandua curled up in a tree, occasionally sticking out a head to see what all of the fuss was about. Mangrove Black Hawks added to the many Ospreys we had already seen and reaching the bridge over the Tempisque River we found a vivid-pink Roseate Spoonbill before turning for home on a beautiful clear day and over glassy calm water. On arrival at the jetty it was lined with dozens of Royal and Sandwich Terns for a delightful finale.

In the afternoon we took a walk through the mixed pasture and woodland finding Green-breasted Mango on the scarlet *Tristerix* flowers, as well as Hoffmann's Woodpeckers, Orange-fronted Parakeets, a Wood Stork flying over and some fine cacti for Frank. An area of ponds had a Little Green Heron, then moving to a different area we flushed a Double-striped Thick-knee and a Turquoise-browed Motmot. Another pond had another Little Green Heron and a Black-crowned Night-heron and reaching the gate four Yellow-naped Parrots flew across.

## Day 8      To Savegre

Today involved a transfer to the heights of Cerro de la Muerte and a completely new environment. However, before all of that there was time for more north-western wildlife and we began with a morning walk full of incident. A dead tree next to the lodge held a succession of birds with Eastern Meadowlark, Melodious Blackbird, Hoffmann's Woodpecker and Orange-fronted Parrot. Then one of our boatmen from yesterday pointed out a pair of roosting Pacific Screech Owls right next to the restaurant, with one in full view. Four Variegated Squirrels were charging about the trees whilst we photographed the owls. Another mammal completed the

morning with troop of Mantled Howlers showing well and hanging by their tails from branches or flashing their badges of authority.

Driving out of La Ensenada there was a pair of Crested Caracara stalking prey next to the road and then stopping in a woodland patch we found Rufous-naped Wren, some fine cacti with outsize fruits and a telltale chuckle led us to a male Black-headed Trogon. The same species was evident at another stop too and we rounded things off with a good views of the elegant Scissortail Flycatcher. We continued along the main road until we stopped at the Tarcoles River bridge to view the immense American Crocodiles that haul out there. Today's route followed the Pacific coast with some fine views and occasional natural history moments with a pair of Scarlet Macaws, Roadside Hawks and then a Tayra ambling across the road (though we only got a brief view). Reaching our lunchtime stop we pulled into the car park to see a big, battered alpha-male Black Spiny Iguana (Tyson) nodding his head. A second alpha-male crawled across and all seemed set for a big fight when the better looking rival (Pretty Boy) slunk away. A third smaller beta-male also appeared and moved in towards a female, but Tyson scuttled across to waggle his head in disapproval and in the end everyone went without and the female lost interest in all the male bravado. Cherrie's Tanagers were also seen before we left.

Unfortunately heavy rain arrived and continued throughout most of the journey all the way over the Cerro de la Muerte and down to the hotel. Hopefully the morning would be brighter.

## Day 9      Savegre

Amazingly there were clear skies this morning and we started early driving up to a possible quetzal location. After a short climb up to the viewing area we waited and were soon seeing some great birds with Flame-throated Warbler, then Long-tailed Silky-Flycatchers, Townsend's Warbler, Yellow-winged Vireo and these were all topped by fabulous views of Golden-browed Chlorophonia feeding on ripe red peaches. The quetzal didn't show up so we went back down to breakfast. Before leaving once again the hummingbird feeders were a-buzz with birds with Green Violetear, Magnificent Hummingbird and White-throated Mountain Gem joined by a Striped-tailed Hummingbird and then a few Long-tailed Silky-Flycatchers came in very close to feed on nearby berries. Driving to another quetzal spot we searched the trees and yes, found a female Resplendent Quetzal. A mixed flock drew our attention with Black-cheeked Warbler, Sooty-capped Bush-tanager, Ruddy Treerunner, Spot-crowned Woodcreeper and Barred Becard, before a second female quetzal was seen in clear view.

We continued onto the highway and then a side road where we quickly found a Fiery-throated Hummingbird feeding on the yellow flowers of *Gaiadendron*. there were more interesting plants with club mosses, centropogons, *Bomarea tamalancensis*, fuchsias, violets and *Calceolaria mexicana*, as well as the huge thistle *Cirsium subcoriaceum* and an orange *Loasaceae*. The overall luxuriance of the oakwoods was wonderful with graceful bamboos, anthuriums and bromeliads, but bird life was quiet as the rain began and dampened activity. Nevertheless we still saw Black-capped Flycatchers hawking for insects.

The rain continued until the afternoon, but at 2.45 there was a lull and we made the most of it and drove up to a pleasant flowery garden with bird feeders where a succession of Flame-coloured,

Silvery-throated and Blue-grey Tanagers were joined by Tennessee Warblers, Northern Oriole, Yellow-thighed Finches and on a couple of occasions very smart White-naped Brush-finches. Slaty-flowerpiercers were busy among the flowers, Acorn Woodpeckers in the adjacent tree and the familiar selection of hummers was joined by both Scintillants and Volcano Hummingbirds. A White-nosed Coati appeared on a slope and ambled over to a papaya, quickly climbing up and gathering a big fruit before disappearing into the undergrowth. Unfortunately the rain returned and had us huddling under a big umbrella photographing the birds, but we'd made the most of the afternoon and seen plenty.

## Day 10      Cerro del la Muerte

An extra early start had us up to a quetzal tree by 5.15 where we saw Black-billed Nightingale Thrush while we waited. A female Resplendent Quetzal arrived first and then a stunning male with fine tail (actually rump) feathers, and he posed well for fifteen minutes before disappearing along with the female.

The rest of the morning was to be spent on the paramo of Cerro de la Muerte, but there was a slight delay to photograph the shiniest jewel beetle (*Plusiotis replendens?*) any of us had ever seen – you really could see your reflection in it. It was a fine clear day with views down the lushly forested Savegre Valley and reaching the top although some cloud was building on the Caribbean slope, the Pacific side (of the Continental Divide) was clear. Heading up towards the antennas we flushed a Baird's Sandpiper that was feeding in a stream. Reaching 3500m we parked and explored a flat area of bamboo and *Escallonia* paramo where there were hundreds of silvery *Eryngium humile* flowers, a smattering of mauve *Lobelia irazuensis* and some big clubmosses. A short way down the road there were two Volcano Juncos and on the rocks Hillary spotted a Green Spiny Lizard sunning itself. The flora was diverse and interesting with big silvery leaves *Senecio* sp, some dwarf *Alchemilla*, spiny fruited *Acaena*, a shrubby *Hypericum*. Among the mats of orange-fruited *Nertera granadensis* were the tiny cups of bird's-nest fungi. Further down and Jean had found a superb Juvenal's Duskywing (skipper), dark grey with a prominent white band on the hind wing. A Highland Alligator Lizard was also seen briefly. The stands of *senecio* grew larger, as did the huge *Cirsium subcoriaceum* and the remarkable 'tree parsnip' *Myrrhidendron donnellsmithii*. A fine large flowered *Calceolaria* and brief views of Timberline Wrens rounded off the walk. A morning coffee was needed and we had one in a nearby cafe whilst enjoying the many hummingbirds there at the same time. It was ideal for photography and an hour was spent trying to capture the dazzling colours of Fiery-throated Hummingbird, along with Green Violetear, Volcano and Magnificent Hummingbirds. A Large-footed Finch provided some alternative avian interest.

The afternoon was spent around Savegre, with a couple of handsome Yellow-bellied Siskins appearing very closeby just before we left. Time was spent mainly alongside the river where Grey-breasted Wood-wren was seen briefly, but good views were had of Acorn Woodpeckers and a stand of the giant *Dahlia imperialis* had both pink and white flowers. Overall it was very quiet with not even a dipper on the river and we returned to the feeders at the hotel for some last minute hummer photos.

## Day 11 To Bosque del Cabo

One final roll of the quetzal dice had us up at the viewpoint by 5.30 but to no avail, though there were Golden-browed Chlorophonia, Townsend's Warbler and Yellow-faced Grassquit. Just as we were about to depart the hotel a last minute flock of Sulphur-winged Parakeet had us scampering up to the apple orchard for good views of them tucking into the fruits. The summit of Cerro de la Muerte was shrouded in mist this morning but we had some breaks and views down onto the cloud sea below. Reaching the coast we turned south and drove on to the airstrip at Palmar Sur. Our plane was (unusually) a bit late and arrived at 11.30 to take the first five of the group. Yellow-headed Caracara and yellow-bellied Elaenia were seen while we waited. Gill, Alison and I took the second one with the luggage and saw a King Vulture and two Bottlenosed (?) Dolphins from the air. The journey into the lodge had a variety of wildlife from Bare-throated Tiger-heron to White-tailed Kite and a family of coatis. We were all reunited after the short flight

A troop of White-faced Capuchins interrupted lunch and they continued to gambol through the grounds during the afternoon. Scarlet Macaws swooped past the cabins after lunch. Our afternoon walk found Mantled Howlers with very young babies as well as a few Central American Spider Monkeys and a distant flock of Black Terns feeding en masse. Elsewhere we found coatis, agoutis, Summer Tanager, Short-billed Pigeon and then a stunning male Red-capped Manakin. Great Curassows were jumping from banana plants as we walked back and four Crested Guans were readying to roost in a tree about one of the cabins.

The last wildlife moment of the day came as we got up from dinner to see a Northern Raccoon arrive and raid the bins for a snack. It moved away a short distance to feed, but didn't like to be watched much and disappeared.

## Day 12 Bosque del Cabo

An incident-packed day wildlife wise began with a couple of Green-and-black Poison Frogs, followed by a spider monkey, Bright-rumped Attila and Charming Hummingbird, then a stunning Bare-throated Tiger-heron standing on the path (apparently now a regular feature at the lodge). The usual assortment of coatis, agoutis and White-faced Capuchins were about and as we wandered down the main track there was a rather distant female Turquoise Cotinga and examining some collapsed palm leaves we found two gorgeous little Tent-making Bats underneath.

Just before we set off after breakfast Gill and Alison showed us photos of the gruesome sight of a White-faced Capuchin eating a Chestnut-mandibled Toucan it had captured (quite a common event here), with just the beak and spine remaining. Cutesy monkeys they are not! Heading off we passed the lantana bushes with a few heliconids flying around and then came across a mixed flock with Summer Tanager, White-shouldered Tanager and Blue Dacnis in. Collared Peccary were seen by those driving up to the trail head. Entering the trail we saw the peculiar saprophyte toadstool-like *Helosia cayennensis* and the first of many huge leafcutter ant nests that spanned the path and had defoliated a substantial clearing. Then there was a Golden-crowned Spadebill, a flock with Black-throated Trogon and Cocoa Woodcreeper, Golfo Dulce Anole and some superb hairy cup fungi before we stopped for a *Pierella luna* that had settled on the ground. Some rustling and squeaking above revealed the cute face of a Central American Squirrel Monkey. A few



minutes later and several more arrived in a confusion of monkeys jumping across gaps, shinning up trees and tempting photographs at every turn. So much was going on that the spider monkeys that were also moving through the trees went unnoticed. Pale-billed Woodpecker was a bit further on as was *Heliconius pachinus*, both just before we reached the access road. Walking back we picked up Spot-crowned Euphonia and then a Chestnut-mandibled Toucan was feeding contentedly on some fruits overhanging the track. Suddenly a mixed flock arrived and the birding became very busy with Rufous Mourner, White-shouldered Tanager, the stunning Bay-headed Tanager, Tawny-crowned Greenlet, Ochre-bellied Flycatcher and even a Red-capped Manakin. To complete the morning a female howler and youngster were lounging in a nearby tree to give us a full set of Costa Rican primates for the day. Some showy dragonflies including *Orthetrum ferrugineum* were around the pond as we neared the lodge.

The Scarlet Macaws flew past the cabins at 3.18pm as they did yesterday! However, we were taking the chance to go down and see the rock pools on the only day the tide would allow. On the way down there was an immaculate White Hawk and along the base of the slope was masses of *Kohleria spicata* which attracted a male Charming Hummingbird. Spotted Sandpipers were among the rock pools, Brown Booby, Brown Pelican, Black and Royal Tern flew past and a Belted Kingfisher was sitting on a big rock as we arrived. Ideally the tide needed to be an hour further on and some pools were inaccessible, but there were still many small banded fish, camouflaged blennies, the odd bright blue neon, abundant orange and black hermit crabs, and Sally Lightfoot crabs scuttling about the rocks. As we turned back a small troop of White-faced Capuchins had come right down the slope to feed and they managed to flush out an *Opsiphanes tamarindi* owl butterfly. Some fine sunset colours was the reward back at the top of the slope.

After dinner we went to look around the small pool. We couldn't make it beyond the steps without finding Marine Toad and a Rain Frog and a slight deviation before the pond produced a big cricket, a formidable spider and a much smaller spider with an intricate central part to its web. At the pool were an amplexus pair of Hourglass Frogs, a freshly emerged dragonfly and two huge Savage's Thin-fingered Jungle Frogs. Searching elsewhere we found a pale green crab spider, a huge forest cockroach, a young Parachuting Red-eyed Frog and up in a tree a Red-eyed Leaf Frog. Perhaps best of all though were the three Northern Cat-eyed Snakes that were on the ribbed leaves around the pond with two beautifully curled and poised. When I returned to photograph some of these lovelies I saw a Paca ambling through the garden.

## Day 13      Bosque del Cabo

The morning amble around the gardens produced the usual abundance of coatis along with Red-lobed Parrots, Blue Dacnis, Red-tailed Squirrel, Little Hermit and superb views of a Mangrove Black Hawk. A Flag Bug provided some invertebrate interest and a Bridal Veil Stinkhorn a fungal note.

We drove out to the teak plantation and began our walk back quickly seeing various butterflies with Yellow-based *Saliana* skipper, a Cattleheart, *Teelus* Long-tail skipper and a stunning Thoas Swallowtail sunning itself, wings spread. Charming Hummingbirds were feeding on the abundant *Heliconia latispatha* and Spotted-crowned Euphonias feeding in a cecropia. Great Crested Flycatcher followed and then superb and prolonged views of a male Red-capped Manakin. Walking on there was a well camouflaged Pug-nosed Anole on a buttress root, a

remarkable leafcutter ant highway up and down a big tree and then on the upper limbs and trunk of another half-dead tree the butterfly *Prepona omphale* with rich-blue bands across its wings. A rougher track led back to the lodge and along this were many Litter Skinks, outsize clubmoss, Black-hooded Antshrike and clusters of Bird's-nest Fungi. Reaching the larger pond there were many dragonflies hawking about and on the *Erythrina* flowers a gorgeous Purple-crowned Fairy came to feed, followed by a Long-billed Hermit not long after. Wandering back there was a Monkey Hopper.

During the interval two Crested Guans were feeding on palm fruits next to the path and Scarlet Macaws were seen superbly well from Gill and Alison's cabin. The rest of the afternoon was spent a few miles away from the lodge in an area where pasture and marsh meets the forest. Here birdlife was varied with White Ibis, Mangrove Swallow, Crimson-fronted Parakeet, Yellow-bellied Elaenia, Mangrove Black Hawk, Yellow-headed Caracara and great views of Red-lore Parrot and a more distant Scarlet Macaw. Walking on towards the secondary forest flanking the road we picked up Black-throated Trogon and then some saw a Purple-crowned Fairy bathing in a stream. Black-hooded Antshrike and Grey-headed Tanager were seen as a troop of Central American Squirrel Monkeys busied themselves around us, joined by two spider monkeys which crossed the road above us. Chestnut-backed Antbird was seen just as the light began to fade and then four more spider monkeys crossed over in a line, tails coiled above their backs.

## Day 14      Bosque del Cabo

Never a dull moment at this place and this morning began (after the usual mammal fest, capuchins gamboling across the lawns and Great Curassows in the banana plants) with three stunning Fiery-billed Aracari. Behind one bird a Lineated Woodpecker was working the cecropia stems and at one point they were virtually sat together. A couple of acrobatic spider monkeys, Grey-hooded Tanager and a singular sheen of a Blue Morpho set us up for the day. As we were trying to finish breakfast the armadillo from yesterday reappeared and caused a delay as we all dashed down to photograph this engaging, though largely oblivious mammal which at one point ran between Frank's legs and stopped there.

Heading out on the trails almost immediately there was a lovely Velvet Ant, followed by Green-and-black Poison Frog. Across the bridge we took a side trail where we had excellent close views of Great Tinamou, and then a mixed flock with Plain Xenops, Blue Dacnis and Wedge-billed Woodcreeper. The trail crossed the stream where a Crowned Woodnymph was bathing and in the gully was a male Blue-crowned Manakin, and reaching the ridge we had superb close views of Chestnut-backed Antbird and then a Golden-crowned Spadebill. Howlers were roaring full on as we descended again, but we just couldn't see them. More spider monkeys were seen by the big pond where an abundance of dragonflies criss-crossed the water. One or two were settling on convenient sticks including the vivid pink *Orthetrum ferrugineum*. A female Black-throated Trogon appeared and then walking up a bit we found a wonderful roost of twelve Tent-making Bats all huddled together under a huge palm leaf.

Toucans, guans and macaws distracted us during lunch and afterwards, the later perching outside my cabin. Much later in the afternoon we took a last wander about the gardens and typically just when we thought things might quieten down they didn't. Everything was gentle at first with an unusual emerald green *Epidendrum* orchid, then two Red-lore Parrots flew in, one

of them perfectly lit and contentedly munching on another orchid. Further along there was a return of the morning's Fiery-billed Aracaris, Blue-throated Goldentail singing, Tropical Gnatcatcher and then an oh so elegant Swallow-tailed Kite sailed overhead and swept around a few times for good measure. A Yellow-headed Caracara was feeding on the ground as we walked back up. The finale was provided by a butterfly. Entering the forest as the light began to fade we soon saw three or four Owl Butterflies chasing each other along the path. Waiting a few minutes they began to settle to reveal their stunning patterned undersides and then every so often two would fly up and swirl around showing flashes of bright purple-blue in the torchlight. Well worth an extra cocktail at the bar.

## **Day 15      To La Cusinga**

Sadly we had to say farewell to the consistently excellent Bosque del Cabo, a wildlife hotspot if ever there was one. Already this morning howlers had passed through, parrots were at full volume and another toucan had fallen prey to the capuchins. We drove out to Puerto Jimenez and met up with our driver Luis. After a bit of shopping we continued around the Golfo Dulce stopping at a riverside cafe with a large fig tree outside. The tree was heavily-laden with small orange figs and these were a magnet for birds. But we were after one or two very special ones; cotingas. It didn't take long to find the first Yellow-billed Cotinga, a beautiful bird with purest white plumage. A second one was found and we enjoyed seeing and photographing these, but alas the second species, Turquoise Cotinga didn't show up. From here we continued to our hotel with its superb view along the Pacific coastline. Blue-throated Goldentail, Costa Rican Swift, Orange-chinned Parakeet, Roadside Hawk and a passing skein of Brown Pelicans provided the avian entertainment after lunch, and some cute Greater White-lined Sac-winged Bats hanging from rafters in the common area and a lonesome male howler with some conspicuous boils was lounging in a small tree next to the restaurant (and looking distinctly off-colour), the mammal interest.

We took a forest walk in the late afternoon into woods which were quite different in character to those we'd seen so far, with lots of understorey herbs including red *Aphelandra* sp. Birdlife was scant with the briefest Riverside Wren (LOB), but this was compensated by some truly immense trees and some truly memorable lepidoptera. The handsome butterfly *Eurybia lysica* proved hard to get a good look at at first due to its habit of perching underneath leaves, but then one flashed past and landed the right way up on a leaf and stayed there for several minutes. On top of this there were two fine caterpillars including the extraordinary *Lophocampa* sp, largely black with long tufts of red and white. A large inflorescence on a *Bromelia* sp followed and then we arrived back as the rich scent of ylang-ylang filled the air and in time for a wonderful sunset across the Pacific.

## **Day 16      To San Jose for flights**

At 5.30 birdlife was busy from the lookout and included White-crowned and Red-lored Parrots, Grey-headed Chachalaca, Bananaquit and Golden-naped Woodpecker.

We were off at 7am driving along the coast and up to San Jose airport arriving in good time. Formalities were formalities and we all made our flights.

## **Day 17      Arrival**

## Systematic List # 1      Birds

A total of 267 taxa were seen (+5 heard). Species in parentheses have been seen on previous tours and are included to give a complete picture of the birds that may be seen on this tour. LOB = leader only bird

It's fair to say that this 'El Nino year' was a little peculiar, with some normally common species absent, including a paucity of trogons and woodcreepers. Nonetheless many fine species were seen well.

Great Tinamou	<i>Tinamus major</i>	At Laguna Lagartos its' mournful whistle was heard each evening. Seen at Bosque del Cabo
Blue-footed Booby	<i>Sula nebouxii</i>	A few along the Tempisque
Brown Booby	<i>Sula leucogaster</i>	Colony on rock offshore from Bosque del Cabo
Brown Pelican	<i>Pelecanus occidentalis</i>	Common along Pacific coasts
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	Common along Tempisque
[Anhinga	<i>Anhinga anhinga</i>	At Laguna Lagartos 2011, mangroves along the Tempisque (2009)]
Magnificent Frigatebird	<i>Fregata magnificens</i>	Common along Pacific coast in general
Bare-throated Tiger-Heron	<i>Tigrisoma mexicanum</i>	Stunning bird seen at Laguna Lagartos, along Tempisque and Osa with a resident at Bosque del cabo lurking around the lodge
Great Blue Heron	<i>Ardea herodias</i>	Laguna Lagartos, Tempisque and other waterways
Great Egret	<i>Casmerodius albus</i>	Common along Tempisque, widespread in all waterways
Snowy Egret	<i>Egretta thula</i>	Common along Tempisque, wet fields, etc. Widespread
Little Blue Heron	<i>Egretta caerulea</i>	Common along Tempisque, also Tarcoles river, Puerto Jimenez
Tricoloured Heron		Tempisque
Cattle Egret	<i>Bubulcus ibis</i>	Common and widespread in open country, farms, etc
Yellow-crowned Night Heron	<i>Nyctanassa violacea</i>	Tempisque among mangroves (and at the Salinas at La Ensenada 2012)
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	A few along the Tempisque, also La Ensenada
[Boat-billed Heron	<i>Cochlearius cochlearius</i>	Two or three in mangroves along the Tempisque 2012]
Green Heron	<i>Butorides virescens</i>	A couple around ponds at La Ensenada
Green Ibis	<i>Mesembrinibis cayennensis</i>	One near Laguna Lagartos
White Ibis	<i>Eudocimus albus</i>	Along the Tempisque and Osa
Roseate Spoonbill	<i>Ajaia ajaja</i>	Tempisque. [Also near Puerto Jimenez 2010]
Wood Stork	<i>Mycteria americana</i>	A few soaring along the Tempisque, [also La Cusinga 2012]

Black-bellied Whistling Duck	<i>Dendrocygna autumnalis</i>	At river mouth along Pacific coast. Usually more widespread. Tempisque, near Palmar Sur as well as Boca Tapada area (2010 TTL tour), en route to Puerto Jimenez (2010)]
Muscovy Duck	<i>Cairina moschata</i>	A family of juvenile ducks on lake at Laguna Lagartos. Have to question their legitimacy given how close the village is. Apparently rare in Costa Rica, but seemed to be this species at La Ensenada Salinas 2012]
[Mallard	<i>Anas platyrhynchos</i>	One along the Tempisque 2012]
[Blue-winged Teal	<i>Anas discors</i>	Abundant and widespread
Black Vulture	<i>Coragyps atratus</i>	Abundant and widespread
Turkey Vulture	<i>Cathartes aura</i>	Great views at Laguna Lagartos (and from light aircraft over Golfo Dulce!
King Vulture	<i>Sarcorampus papa</i>	Very common along Tempisque, Pacific coast
Osprey	<i>Pandion haliaetus</i>	Bosque del Cabo
American Swallow-tailed Kite	<i>Elanoides forficatus</i>	Formerly Black-shouldered. En route to Bosque del Cabo.
White-tailed Kite	<i>Elanus caeruleus</i>	Osa area 2012]
[Double-toothed Kite	<i>Harpagus bidentatus</i>	One soaring above Savegre]
[Sharp-shinned Hawk	<i>Accipiter striatus</i>	Bosque del Cabo, stunning views.
White Hawk	<i>Leucopternis albicollis</i>	One at Bosque de Paz 2012]
[Great Black Hawk	<i>Buteogallus urubitunga</i>	One near Lago Arenal 2011]
[Black-chested Hawk	<i>Leucopternis princeps</i>	Along the Tempisque also frequent at Bosque del Cabo. Mangrove Hawk now subsumed once again into this species.
Common Black Hawk	<i>Buteogallus anthracinus</i>	Laguna Lagartos area
Grey Hawk	<i>Buteo nitidus</i>	Widespread and common, especially obvious at Bosque del Cabo
Roadside Hawk	<i>Buteo magnirostris</i>	One at Bosque del Cabo
Short-tailed Hawk	<i>Buteo brachyurus</i>	Scattered, Savegre, Tilaran
Broad-winged Hawk	<i>Buteo platypterus</i>	Possibly this species near Tilaran 2012]
[Zone-tailed Hawk	<i>Buteo albonotatus</i>	Bosque de Paz, San Gerardo
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Common along Pacific slope
Yellow-headed Caracara	<i>Milvago chimachima</i>	Widespread on Pacific slope
Crested Caracara	<i>Polyborus plancus</i>	Laguna Lagartos heard.
Laughing Falcon	<i>Hepetotheres cachinnans</i>	Near Canas (La Ensenada 2009)]
[American Kestrel	<i>Falco sparverius</i>	Possibly this at Savegre. (One hawking dragonflies at Tarcoles bridge, Laguna Lagartos 2012, one soaring at Bosque del Cabo 2011)
Bat Falcon	<i>Falco rufigularis</i>	One seen well along Tempisque 2011]
[Peregrine Falcon	<i>Falco peregrines</i>	Seen very well at Bosque de Paz
Black Guan	<i>Chamaepetes unicolor</i>	Very close views at Bosque del Cabo, also Laguna Lagartos
Crested Guan	<i>Penelope purpurascens</i>	Impressive bird, seen very well at Laguna Lagartos and Bosque del Cabo
Great Curassow	<i>Crax rubra</i>	La Cusinga
Grey-headed Chachalaca	<i>Ortalis cinereiceps</i>	

[Crested Bobwhite [Marbled Wood-quail	<i>Colinus cristatus</i> <i>Odontophorus gujanensis</i>	A covey at La Ensenada 2009] Six crossing the track at Bosque Rio Tigre 2012]
[White-throated Crake Gray-necked Wood-Rail	<i>Laterallus albigularis</i> <i>Aramides cajanea</i>	Heard at Bosque Rio Tigre 2012] Roadkill along Pacific coast road (Laguna Lagartos, Bosque del; Cabo, Bosque Rio Tigre)
Purple Gallinule	<i>Porphyryla martinica</i>	En route to Laguna Lagartos, also Palmar Sur
[Black-necked Stilt Northern Jacana	<i>Himantopus mexicanus</i> <i>Jacana spinosa</i>	La Ensenada 2012] En route to Laguna Lagartos, (en route to Bosque del Cabo 2012)
Double-striped Thick-knee Southern Lapwing Grey Plover	<i>Burhinus bistriatus</i> <i>Vanellus chilensis</i> <i>Pluvialis squatarola</i>	La Ensenada Near Bosque del Cabo Common along Tempisque, also Puerto Jiminez
Semipalmated Plover [Greater Yellowlegs [Lesser Yellowlegs Willet Spotted Sandpiper	<i>Charadrius semipalmatus</i> <i>Tringa melanoleuca</i> <i>Tringa flavipes</i> <i>Catoptrophorus semipalmatus</i> <i>Actitis macularia</i>	A few on sand bars along Tempisque One by Villas Rio Mar 2010] La Ensenada] Common along Tempisque Common along Tempisque and most waterways
Western Sandpiper Baird's Sandpiper	<i>Calidris mauri</i> <i>Calidris bairdii</i>	Mudflats along the Tempisque One feeding on roadside streamlets on Cerro de la Muerte at 3500m – a surprise!
[Least Sandpiper [Stilt Sandpiper Whimbrel Ruddy Turnstone Surfbird Short-billed Dowitcher Laughing Gull Royal Tern	<i>Calidris minutilla</i> <i>Numenius phaeopus</i> <i>Arenaria interpres</i> <i>Aphriza virgata</i> <i>Limnodromus griseus</i> <i>Larus atricilla</i> <i>Sterna maxima</i>	Three at La Ensenada Salinas] La Ensenada Salinas] Very common along Tempisque Tempisque, La Ensenada Three at La Ensenada A dozen along Tempisque Common along Tempisque, Pacific coast Impressive tern, plentiful along Tempisque and perching on jetty at La Ensenada
[Elegant Tern	<i>Sterna elegans</i>	Similar to Royal Tern and mingled in with them, but more slender bill but not 2012]
[Caspian Tern	<i>Sterna caspica</i>	Very large with red bill, a few along Tempisque 2012.]
Sandwich Tern Black Tern	<i>Sterna sandvicensis</i> <i>Chlidonias niger</i>	Common along Tempisque Tempisque and a feeding flock offshore at Bosque del Cabo
[Black Skimmer Feral Pigeon [Band-tailed Pigeon [Pale-vented Pigeon Red-billed Pigeon Short-billed Pigeon	<i>Rynchops niger</i> <i>Columba livia</i> <i>Columba fasciata</i> <i>Columba cayennensis</i> <i>Columba flavirostris</i> <i>Columba nigrirostris</i>	Tempisque] Scattered in towns Savegre] Scattered in lowlands] Common in Central Valley, La Ensenada Laguna Lagartos. calling at Bosque del Cabo
White-winged Dove [Common Ground-Dove	<i>Zenaida asiatica</i> <i>Columbina passerina</i>	En route to San Jose airport La Ensenada]

Ruddy Ground-Dove	<i>Columbina talpacoti</i>	Common and widespread
Inca Dove	<i>Columbina inca</i>	Scattered but common at La Ensenada
[Blue Ground-Dove	<i>Claravis pretiosa</i>	Bosque Rio Tigre 2012]
White-tipped Dove	<i>Leptotila verreauxi</i>	Widespread.
[Ruddy Quail-Dove	<i>Geotrygon montana</i>	One at Bosque del Cabo]
Scarlet Macaw	<i>Ara macao</i>	Laguna Lagartos, common too at Bosque del Cabo, Osa and two near Jaco
Great Green Macaw	<i>Ara ambiguus</i>	Laguna Lagartos, rare and local, a classy macaw with incredible colours.
Orange-fronted Parakeet	<i>Aratinga canicularis</i>	La Ensenada
Crimson-fronted Parakeet	<i>Aratinga finschi</i>	Near Bosque del Cabo
Sulphur-winged Parakeet	<i>Pyrrhura hoffmanni</i>	Seen and photographed at Savegre feeding in the orchards
Orange-chinned Parakeet	<i>Brotogeris jugularis</i>	Widespread small parrot
Brown-hooded Parrot	<i>Pionopsitta haematotis</i>	Laguna Lagartos
White-crowned Parrot	<i>Pionus senilis</i>	Laguna Lagartos, La Cusinga
White-fronted Parrot	<i>Amazona albifrons</i>	Common at La Ensenada
Yellow-naped Parrot	<i>Amazona auropalliata</i>	La Ensenada
Red-lored Parrot	<i>Amazona autumnalis</i>	Plenty at Laguna Lagartos, also Bosque del Cabo, La Cusinga
[Mealy Parrot	<i>Amazona farinosa</i>	One at Bosque de Cabo 2011 TTL]
[Mangrove Cuckoo	<i>Coccyzus minor</i>	Superb views of one outside my cabin at La Cusinga (LOB)]
Squirrel Cuckoo	<i>Piaya cayana</i>	Lago Arenal. Usually more widespread
Smooth-billed Ani	<i>Crotophaga ani</i>	Common in open country in S Pacific
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	Common in Guanacaste and much of the north
[Barn Owl	<i>Tyto alba</i>	Near Puerto Jimenez oil palms.]
[Spectacled Owl	<i>Pulsatrix perspicillata</i>	One at Bosque del Cabo on night drive 2010]
[Black and white Owl	<i>Strix nigrolineata</i>	Seen well at dawn at Laguna Lagartos 2010 TTL]
[Mottled Owl	<i>Strix virgata</i>	Savegre, Laguna Lagartos and Bosque del Cabo 2011]
[Bare-shanked Screech Owl	<i>Otus clarkia</i>	Stunning views on Providencia road.]
Pacific Screech Owl	<i>Otus cooperi</i>	One seen very well at day-roost at La Ensenada
[Ferruginous Pygmy Owl	<i>Glaucidium brasilianum</i>	One en route to La Ensenada 2010]
Short-tailed Nighthawk	<i>Lurocalis semitorquatus</i>	Laguna Lagartos
Pauraque	<i>Nyctidromus albicollis</i>	Seen well at La Ensenada, also Laguna Lagartos
Common Nighthawk	<i>Chordeiles minor</i>	Laguna Lagartos (La Ensenada 2011)
[Lesser Nighthawk	<i>Chordeiles acutipennis</i>	One at Bosque del Cabo 2012]
[Chuck-will's Widow	<i>Caprimulgus carolinensis</i>	La Ensenada 2010]
[Dusky Nightjar	<i>Caprimulgus saturatus</i>	A glimpse on Providencia road, heard well.]
[Chestnut-collared Swift	<i>Cypseloides natterii</i>	Seen quite well at Savegre 2013]
[White-collared Swift	<i>Streptoprocne zonaris</i>	Laguna Lagartos, Bosque Rio Tigre 2013]
Gray-rumped Swift	<i>Chaetura cinereiventris</i>	Caribbean lowlands
Costa Rican Swift	<i>Chaetura fumosa</i>	Palmar Sur, La Cusinga
Green Hermit	<i>Phaethornis guy</i>	Seen well at Bosque de Paz



Long-billed (-tailed) Hermit	<i>Phaethornis longirostris</i>	Quite common at Bosque del Cabo, Laguna Lagartos
[Band-tailed Barbthroat	<i>Threnetes ruckeri</i>	One at Bosque del Cabo 2013]
Stripe-throated (Little) Hermit	<i>Phaethornis striigularis</i>	Bosque del Cabo, Laguna Lagartos
[Green-fronted Lancebill	<i>Doryfera ludoviciae</i>	One bathing at Savegre 2012]
Scaly-breasted Hummingbird	<i>Phaeochroa cuvierii</i>	Laguna Lagartos
Violet Sabrewing	<i>Campylopterus hemileucurus</i>	Common at Bosque de Paz
White-necked Jacobin	<i>Florisuga mellivora</i>	Laguna Lagartos
Green Violet-ear	<i>Colibri thalassinus</i>	Common at Savegre, also Bosque de Paz
Green-breasted Mango	<i>Anthracothorax prevostii</i>	La Ensenada (Bosque del Cabo 2012)
[White-crested Coquette	<i>Lophornis adorabilis</i>	One at La Cusinga 2012]
[Canivet's Emerald	<i>Chlorostilbon canivetii</i>	Formerly Fork-tailed Emerald. Lovely species one seen well at La Ensenada 2011]
Crowned Woodnymph	<i>Thalurania colombica</i>	Lovely species, Laguna Lagartos, Bosque del Cabo
Fiery-throated Hummingbird	<i>Panterpe insignis</i>	Wonderful species seen on Cerro de la Muerte
Blue-throated Goldentail	<i>Hylocharis eliciae</i>	Bosque del Cabo, La Cusinga
Rufous-tailed Hummingbird	<i>Amazilia tzacatl</i>	Common and widespread
Cinnamon Hummingbird	<i>Amazilia rutila</i>	La Ensenada
Charming Hummingbird	<i>Amazilia decora</i>	Also known as Beryl-crowned, Bosque del Cabo
Steely-vented Hummingbird	<i>Amazilia saucerrottei</i>	La Ensenada feeding on mistletoe
Black-bellied Hummingbird	<i>Eupherusa nigriventris</i>	Bosque de Paz
Stripe-tailed Hummingbird	<i>Eupherusa eximia</i>	Savegre
Coppery-headed Emerald	<i>Elvira cupreiceps</i>	Female at Bosque de Paz
[Bronze-tailed Plumeleteer	<i>Chalybura buffoni</i>	Laguna de Lagartos 2012]
Purple-throated Mountain-Gem	<i>Lampornis calolema</i>	Common at Bosque de Paz
White-throated Mountain-Gem	<i>Lampornis castaneiventris</i>	San Gerardo, male has blue-green head and white throat. Formerly called Grey-tailed Mountain-Gem
Green-crowned Brilliant	<i>Heliodoxa jacula</i>	Bosque de Paz, large green, white spot behind the eye, small purple throat patch
Magnificent Hummingbird	<i>Eugenes fulgens</i>	Another large green hummer purple crown, blue throat, Bosque de Paz, Savegre
Purple-crowned Fairy	<i>Heliothryx barroti</i>	Bosque del Cabo (Laguna Lagartos 2009, 2011) a lovely species
Long-billed Starthroat	<i>Heliomaster longirostris</i>	La Cusinga (Laguna Lagartos 2011)
[Plain-capped Starthroat	<i>Heliomaster constantii</i>	Bosque Rio Tigre 2012, La Ensenada 2011]
[Ruby-throated Hummingbird	<i>Archilochus colubris</i>	La Ensenada 2009]
Scintillant Hummingbird	<i>Selasphorus scintilla</i>	Similar to the next species but lovely reddish-orange throat, Bosque de Paz
Volcano Hummingbird	<i>Selasphorus flammula</i>	Little beauty with violet purple throat, San Gerardo
Resplendent Quetzal	<i>Pharomachrus mocinno</i>	One of the world's great birds, seen well at Savegre (males seen at Bosque de Paz 2011 & 2012)
[Baird's Trogon	<i>Trogon bairdii</i>	Bosque Rio Tigre 2013]
Black-headed Trogon	<i>Trogon melancephalus</i>	La Ensenada area

Black-throated Trogon	<i>Trogon rufus</i>	Bosque del Cabo (usually also Laguna Lagartos), females only
[Violaceous Trogon	<i>Trogon violaceus</i>	Laguna Lagartos 2012, Lago Arenal 2010]
[Collared Trogon	<i>Trogon collaris</i>	Bosque de Paz 2013]
[Orange-bellied Trogon	<i>Trogon aurantiiventris</i>	Bosque de Paz 2013]
[Slaty-tailed Trogon	<i>Trogon massena</i>	Males at Bosque del Cabo, Bosque Rio Tigre 2012]
Turquoise-browed Motmot	<i>Eumomota superciliosa</i>	La Ensenada
[Blue-crowned Motmot	<i>Momotus momota</i>	Near Bosque del Cabo 2011]
[Rufous-tailed Jacamar	<i>Galbula ruficauda</i>	Two at Bosque Rio Tigre 2012]
[Ringed Kingfisher	<i>Ceryle torquata</i>	Laguna Lagartos 2013]
Belted Kingfisher	<i>Ceryle alcyon</i>	Commonest species along Tempisque, also cost near Bosque del Cabo
[Green Kingfisher	<i>Chloroceryle americana</i>	Bosque del Cabo 2012]
Amazon Kingfisher	<i>Chloroceryle amazona</i>	Laguna Lagartos, (Tempisque 2011 and Osa Peninsula 2010)
[Pied Puffbird	<i>Bucco tectus</i>	Near Laguna Lagartos 2009]
[White-whiskered Puffbird	<i>Malactoptila panamensis</i>	A male at point blank range, Carara 2010]
[White-necked Puffbird	<i>Bucco tectus</i>	Rio Tigre, Dominical 2010, Bosque del Cabo 2012 TTL]
Prong-billed Barbet	<i>Smenornis frantzii</i>	Bosque de Paz
Emerald Toucanet	<i>Aulacorhynchus prasinus</i>	Lovely little toucan. Bosque de Paz
Collared Aracari	<i>Pteroglossus torquatus</i>	Superb views at Laguna Lagartos feeding on the bananas
Fiery-billed Aracari	<i>Pteroglossus frantzii</i>	One seen at Bosque del Cabo
Keel-billed Toucan	<i>Ramphastos sulfuratus</i>	A smasher, green and orange bill, Laguna Lagartos
Chestnut-mandibled Toucan	<i>Ramphastos swainsonii</i>	Yellow and brown billed banana raider at Laguna Lagartos, also Bosque del Cabo, Pacific coast
[Olivaceous Piculet	<i>Picumnus olivaceus</i>	Two at Rio Tigre 2013]
Black-cheeked Woodpecker	<i>Melanerpes pucherani</i>	Laguna Lagartos
Hoffmann's Woodpecker	<i>Melanerpes hoffmannii</i>	Common in north-western Costa Rica and central valley
Red-crowned Woodpecker	<i>Melanerpes rubricapillus</i>	Osa
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	Handsome species, seen well at San Gerardo
Golden-naped Woodpecker	<i>Melanerpes chrysauchen</i>	Bosque del Cabo, La Cusinga.
[Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	One at Laguna Lagartos, a rare bird in the lowlands (LOB)]
[Hairy Woodpecker	<i>Picoides villosus</i>	Seen at Bosque de Paz 2013]
[Rufous-winged Woodpecker	<i>Piculus simplex</i>	Bosque del Cabo where a male was excavating a nest hole 2012, Laguna Lagartos 2011]
Red-rumped Woodpecker	<i>Venilornis kirkii</i>	La Cusinga (Simon) (in mixed flock at Bosque del Cabo 2013)
Chestnut-coloured Woodpecker	<i>Celeus castaneus</i>	Attending the feeders at Laguna Lagartos
Lineated Woodpecker	<i>Dryocopus lineatus</i>	Classic woody Laguna Lagartos, Bosque del Cabo (two at La Ensenada 2012)
Pale-billed Woodpecker	<i>Campephilus guatemalensis</i>	Bosque del Cabo, Laguna Lagartos
Red-faced Spinetail	<i>Cranioleuca erythrops</i>	Bosque de Paz

[Streak-breasted Treehunter Plain Xenops [Striped Xenops Spotted Barbtail Ruddy Treerunner	<i>Thriptadectes rufobrunneus</i> <i>Xenops minutus</i> <i>Xenops rutilans</i> <i>Premnoplex brunnescens</i> <i>Margarornis rubiginosus</i>	Bosque de Paz 2013] Bosque del Cabo, Laguna Lagartos Savegre 2011] Bosque de Paz Savegre (Bosque de Paz 2011) with mixed flocks
Buffy Tuftedcheek	<i>Pseudocolaptes lawrenci</i>	Superbly named bromeliad searcher, Providencia road (Frank)
[Lineated Foliage-gleaner	<i>Syndactyla subularis</i>	Bosque de Paz 2012, Providencia road 2011]
[Striped Woodhaunter		Bosque de Paz, although this seems a bit high, but seen well (LOB), heard at Bosque Rio Tigre 2012]
[Plain Brown Woodcreeper [Tawny-winged Woodcreeper	<i>Dendrocincla fuliginosus</i> <i>Dendrocincla anabatina</i>	Laguna Lagartos] One with army ant swarm at Bosque del Cabo 2011]
[Ruddy Woodcreeper	<i>Dendrocincla homochroa</i>	With army ant swarm at Bosque del Cabo 2011]
Wedge-billed Woodcreeper Streak-headed Woodcreeper	<i>Glyphorhynchus spirurus</i> <i>Lepidocolaptes souleyetii</i>	Laguna Lagartos also Bosque del Cabo Laguna Lagartos, La Ensenada, Bosque del Cabo
Spotted-crowned Woodcreeper [Black-striped Woodcreeper	<i>Lepidocolaptes affinis</i> <i>Xiphorhynchus lachrymosus</i>	One at San Gerardo Handsome species seen daily at Bosque del Cabo, Bosque Rio Tigre]
Cocoa Woodcreeper [Spotted Woodcreeper [Barred Antshrike Black-hooded Antshrike Streak-crowned Antvireo Plain Antvireo [Dusky Antbird Chestnut-backed Antbird	<i>Xiphoryhynchus susurrans</i> <i>Xiphorhynchus erythripygius</i> <i>Thamnophilus doliatus</i> <i>Thamnophilus bridgesi</i> <i>Dysithamnus striaticeps</i> <i>Dysithamnus mentalis</i> <i>Cercomacra tyrannina</i> <i>Myrmeciza exsul</i>	Bosque del Cabo Bosque del Cabo 2011] Heard at La Ensenada 2009] Bosque del Cabo where common Laguna Lagartos Bosque del Cabo Bosque del Cabo 2009]
[Bicolored Antbird	<i>Gymnopathys leucaspis</i>	Widespread e.g. Laguna Lagartos, common at Bosque del Cabo A few attending army ant swarms at Laguna Lagartos 2012, Bosque del Cabo 2011]
[Spotted Antbird	<i>Hylophylax naevioides</i>	Wonderful markings – a classic understorey bird, Laguna Lagartos, seen well 2009]
[Ocellated Antbird	<i>Phaenostictus mcleannani</i>	The big one! Two seen well attending army ant swarm at Laguna Lagartos 2012, also 2009]
Silvery-fronted Tapaculo Barred Becard [White-winged Becard [Rose-throated Becard Cinnamon Becard Masked Tityra Black-crowned Tityra [Rufous Piha Turquoise Cotinga	<i>Scytalopus argentifrons</i> <i>Pachyramphus versicolor</i> <i>Pachyramphus polychopterus</i> <i>Pachyramphus aglaiae</i> <i>Pachyramphus cinnamomeus</i> <i>Tityra semifasciata</i> <i>Tityra inquisitor</i> <i>Lipaugus unirufus</i> <i>Cotinga ridgwayi</i>	Bosque de Paz Savegre Laguna Lagartos 2012] La Ensenada, Rio Tigre 2013] Laguna Lagartos Laguna Lagartos (Bosque del Cabo 2012) Laguna Lagartos (Bosque del Cabo 2010] Bosque del Cabo, Bosque Rio Tigre 2012] A female at Bosque del Cabo

Snowy Cotinga	<i>Carpodectes nitidus</i>	Stunning pure white bird en route to Laguna Lagartos
Yellow-billed Cotinga	<i>Carpodectes antoniae</i>	Similar to the above, two in a fruiting tree Golfo Dulce
[White-collared Manakin	<i>Manacus candei</i>	Male seen very briefly Laguna Lagartos 2013]
[Orange-collared Manakin	<i>Manacus aurantiacus</i>	A female at Bosque Rio Tigre 2013]
Blue-crowned Manakin	<i>Pipra coronate</i>	Seen quite well at Bosque del Cabo
Red-capped Manakin	<i>Pipra mentalis</i>	Stunning views at Bosque del Cabo (heard Laguna Lagartos)
Torrent Tyrannulet	<i>Serpophaga cinerea</i>	Bosque de Paz, Savegre
Mountain Elaenia	<i>Elaenia frantzii</i>	Savegre
Yellow-bellied Elaenia	<i>Elaenia flavogaster</i>	Pacific lowlands (near Laguna Lagartos 2012, mangroves at La Ensenada 2011)
[Northern Scrub Flycatcher	<i>Sublegatus modestus</i>	Tempisque mangroves 2013]
Mistletoe Tyrannulet	<i>Zimmerius vilissimus</i>	Bosque del Cabo, Bosque de Paz
Ochre-bellied Flycatcher	<i>Mionectes oleagineus</i>	Bosque del Cabo (Laguna Lagartos 2013)
Olive-striped Flycatcher	<i>Mionectes olivaceus</i>	Bosque de Paz (LOB)
[Slate-headed Tody-Flycatcher	<i>Todirostrum sylvia</i>	Villablanca 2009]
Common Tody-Flycatcher	<i>Todirostrum cinereum</i>	Laguna Lagartos (Bosque Rio Tigre 2012)
Eye-ringed Flatbill	<i>Rhynchocyclus brevirostris</i>	Bosque de Paz
Golden-crowned Spadebill	<i>Platyrrinchus coronatus</i>	Bosque del Cabo
[Royal Flycatcher	<i>Onychorhynchus coronatus</i>	Laguna Lagartos 2009]
[Ruddy-tailed Flycatcher	<i>Terenotriccus erythrurus</i>	Laguna Lagartos 2011]
[Sulphur-rumped Flycatcher	<i>Myiobius sulphureipygius</i>	Bosque Rio Tigre 2012]
[Tufted Flycatcher	<i>Mitrephanes phaeocercus</i>	San Gerardo 2013]
[Olive-sided Flycatcher	<i>Contopus borealis</i>	Bosque del Cabo 2011]
Tropical Pewee	<i>Contopus cinereus</i>	Laguna Lagartos
Eastern Wood-Pewee	<i>Contopus virens</i>	Laguna Lagartos (La Ensenada 2012)
Western Wood-Pewee	<i>Contopus sordidulus</i>	Bosque del Cabo
Willow/Alder Flycatcher	<i>Empidonax sp</i>	One these two (hard to separate) species at Laguna Lagartos
Yellowish Flycatcher	<i>Empidonax flavescens</i>	Bosque de Paz, Savegre
Black-capped Flycatcher	<i>Empidonax atriceps</i>	Providencia road
Bright-rumped Attila	<i>Attila spadiceus</i>	Laguna Lagartos, Bosque del Cabo
[Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	Bosque del Cabo 2012]
[Nutting's Flycatcher	<i>Myiarchus nuttingii</i>	La Ensenada mangroves 2012]
[Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	La Ensenada]
Great-crested Flycatcher	<i>Myiarchus crinitus</i>	Bosque del Cabo
Rufous Mourner	<i>Rhytipterna holerythra</i>	With mixed flock at Bosque del Cabo
Great Kiskadee	<i>Pitangus sulphuratus</i>	Widespread, characteristic and vocal species of CR
[White-ringed Flycatcher	<i>Coryphotriccus albobittatus</i>	A couple on the way out of Laguna Lagartos 2009]
[Grey-capped Flycatcher	<i>Myiozetetes granadensis</i>	Villas Rio Mar 2010]
Social Flycatcher	<i>Myiozetetes similis</i>	Laguna Lagartos, La Ensenada, Bosque Rio Tigre
[Streaked Flycatcher	<i>Myiodynastes maculates</i>	Bosque del Cabo]
[Western Kingbird	<i>Tyrannus verticalis</i>	Widespread. Easily overlooked infavour of next species – we must have seen it!]
Tropical Kingbird	<i>Tyrannus melancholicus</i>	Very common and widespread

Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	Seen superbly at La Ensenada (also near Bosque del Cabo 2011)
[Long-tailed Tyrant	<i>Colonia colonus</i>	Two at Laguna Lagartos 2013]
Black Phoebe	<i>Sayornis nigricans</i>	Bosque de Paz and Savegre
Blue-and-white Swallow	<i>Notiochelidon cyanoleuca</i>	Common in highlands
Gray-breasted Martin	<i>Progne chalybea</i>	Lowlands e.g. Pital town
Mangrove Swallow	<i>Tachycineta albilinea</i>	Scattered, Osa (near Laguna Lagartos, Tempisque 2013)
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Scattered
[Southern Rough-winged Swallow	<i>Stelgidopteryx ruficollis</i>	One near Bosque del Cabo 2011]
Barn Swallow	<i>Hirundo rustica</i>	La Ensenada
[Cliff Swallow	<i>Hirundo pyrrhonota</i>	La Ensenada 2012]
[Brown Jay	<i>Cyanocorax morio</i>	Seen well at Bosque de Paz, also La Ensenada 2012]
White-throated Magpie-Jay	<i>Calocitta Formosa</i>	Lovely bird, habituated and highly visible at La Ensenada
[Azure-hooded Jay	<i>Cyanolyca argenticula</i>	Heard at Bosque de Paz 2011]
American Dipper	<i>Cinclus mexicanus</i>	Streams at Savegre as we drove (LOB)
Rufous-naped Wren	<i>Camplyorhynchus rufinucha</i>	Common and vocal in north-west CR as far south as Carara
Riverside Wren	<i>Thryothorus semibadius</i>	Bosque del Cabo, La Cusinga (LOB)
Ochraceous Wren	<i>Troglodytes ochraceus</i>	Bosque de Paz
House Wren	<i>Troglodytes aedon</i>	Common and widespread
Grey-breasted Wood-Wren	<i>Henicorhina leucophrys</i>	Bosque de Paz, Savegre, heard commonly in highlands, struggled to see this year
[Bay Wren	<i>Thryothorus nigricapillus</i>	Laguna Lagartos 2013, explosive song]
White-breasted Wood-Wren	<i>Henicorhina leucosticta</i>	Heard at Laguna Lagartos
Timberline Wren	<i>Thryorchilus browni</i>	Cerro de la Muerte paramo
[Scaly-breasted Wren	<i>Microcerculus philomela</i>	Formerly Southern Nightingale Wren, a terrestrial species seen well near an army at swarm at Bosque del Cabo 2011]
Tropical Gnatcatcher	<i>Poliophtila plumbea</i>	Bosque del Cabo (Laguna Lagartos 2012)
[White-lored Gnatcatcher	<i>Poliophtila albiloris</i>	La Ensenada 2012]
Wood Thrush	<i>Hylocichla mustelina</i>	Laguna Lagartos (Bosque de Paz 2012)
Swainson's Thrush	<i>Catharus ustulatus</i>	Bosque de Paz, Laguna Lagartos
[Grey-cheeked Thrush	<i>Catharus minimus</i>	Laguna Lagartos (LOB) 2010]
[Slaty-backed Nightingale-Thrush	<i>Catharus fuscater</i>	Bosque de Paz (LOB)]
Ruddy-capped Nightingale Thrush	<i>Catharus frantzii</i>	Savegre
Black-billed Nightingale-Thrush	<i>Catharus gracilirostris</i>	Savegre
Sooty Robin	<i>Turdus nigrescens</i>	Cerro de la Muerte and Savegre
[White-throated Robin	<i>Turdus assimilis</i>	Possible at Bosque del Cabo 2012, seen 2011]
Mountain Robin	<i>Turdus plebejus</i>	Savegre
Clay-colored Robin	<i>Turdus grayi</i>	Common and widespread, national bird of Costa Rica
Black-faced Solitaire	<i>Myadestes melanops</i>	One at Bosque de Paz (LOB)
[Grey Catbird	<i>Dumatella carolinensis</i>	Heard at Bosque de Paz]

[Black-and-yellow Silky Flycatcher	<i>Phainoptila melanoxantha</i>	Providencia road 2013]
Long-tailed Silky Flycatcher	<i>Phainoptila caudatus</i>	A stunner, seen well at Savegre
Brown-capped Vireo	<i>Vireo leucophrys</i>	Bosque de Paz
[Yellow-throated Vireo	<i>Vireo flavifrons</i>	La Ensenada, Bosque del Cabo 2013]
[Philadelphia Vireo	<i>Vireo philadelphicus</i>	Bosque de Paz 2012]
[Red-eyed Vireo	<i>Vireo olivaceus</i>	Bosque de Paz 2012]
Yellow-winged Vireo	<i>Vireo carmioli</i>	Savegre
[Green Shrike Vireo	<i>Vierolanius pulchellus</i>	Bosque del Cabo with mixed flock (LOB)]
Tawny-crowned Greenlet	<i>Hylophilus ochraceiceps</i>	Bosque del Cabo
[Lesser Greenlet	<i>Hylophilus decuratus</i>	Laguna Lagartos, Bosque del Cabo 2013]
Rufous-browed Peppershrike	<i>Cyclarhis gujanensis</i>	Heard at Savegre (La Ensenada 2009)
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	Bosque de Paz, Savegre
Tennessee Warbler	<i>Vermivora peregrina</i>	Common and widespread
Yellow Warbler	<i>Dendroica petechia</i>	La Ensenada mangroves (resident race), Bosque del Cabo migrant race
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	Widespread
Black-throated Green Warbler	<i>Dendroica virens</i>	Bosque de Paz, (Savegre 2013)
[Blackburnian Warbler	<i>Dendroica fusca</i>	Savegre 2012, Bosque de Paz 2011]
Townsend's Warbler	<i>Dendroica townsendii</i>	Savegre
Black-and-white Warbler	<i>Mniotilta varia</i>	Bosque de Paz, Bosque del Cabo
[American Redstart	<i>Setophaga ruticilla</i>	La Ensenada 2011]
Collared Redstart	<i>Myioborus torquatus</i>	Savegre, Bosque de Paz 2012)
Slate-throated Redstart	<i>Myioborus miniatus</i>	Bosque de Paz
Three-striped Warbler	<i>Basileuterus tristriatus</i>	Bosque de Paz
[Rufous-capped Warbler	<i>Basileuterus rufifrons</i>	Handsome species seen en route to San Jose 2009]
Black-cheeked Warbler	<i>Basileuterus melanogenys</i>	Savegre, (Cerro de la Muerte, Providencia road 2011)
[Ovenbird	<i>Seiurus aurocapillus</i>	One at Laguna Lagartos 2012]
Northern Waterthrush	<i>Seiurus noveboracensis</i>	Bosque de Paz, (La Ensenada among mangroves, Bosque del Cabo 2013).
[Louisiana Waterthrush	<i>Seiuris motacilla</i>	Savegre 2010]
[Kentucky Warbler	<i>Oporornis formosus</i>	One at Bosque del Cabo 2012]
[Prothonotary Warbler	<i>Protonotaria citrea</i>	Gorgeous lemon-yellow warbler, La Ensenada mangroves 2012]
Wilson's Warbler	<i>Wilsonia pusilla</i>	Highlands
Buff-rumped Warbler	<i>Phaeothlypis fulvicauda</i>	Bosque del Cabo (LOB)
[Wrenthrush	<i>Zeladonia coronata</i>	Also known as Zeladonia. Providencia road 2010]
Bananaquit	<i>Coereba flaveola caboti</i>	Laguna lagartos, La Cusinga
Red-legged Honeycreeper	<i>Cyanerpes cyaneus</i>	Little blue stunner. Laguna Lagartos, (Bosque del Cabo 2013)
Shining Honeycreeper	<i>Cyanerpes lucidus</i>	Laguna Lagartos
Green Honeycreeper	<i>Chlorophanes spiza</i>	Laguna Lagartos
[Scarlet-thighed Dacnis	<i>Dacnis venusta</i>	Seen at Laguna Lagartos 2011, also Puerto Jimenez 2010]
Blue Dacnis	<i>Dacnis cayana</i>	Bosque del Cabo (Laguna Lagartos 2013)
[Elegant Euphonia	<i>Euphonia elegantissima</i>	5 at Savegre 2012]
[Scrub Euphonia	<i>Euphonia affinis</i>	Two at La Ensenada 2013]
Spotted-crowned Euphonia	<i>Euphonia imitans</i>	Bosque del Cabo

Yellow-crowned Euphonia [White-vented Euphonia [Yellow-throated Euphonia Olive-backed Euphonia Golden-browed Chlorophonia Blue-Gray Tanager Palm Tanager Silver-throated Tanager	<i>Euphonia luteicapilla</i> <i>Euphonia minuta</i> <i>Euphonia hirundinacea</i> <i>Euphonia gouldii</i> <i>Chlorophonia</i> <i>Thraupis episcopus</i> <i>Thraupis palmarum</i> <i>Tangara icterocephala</i>	En route to La Cusinga Bosque Rio Tigre 2012] La Ensenada 2009, Bosque del Cabo 2010] Laguna Lagartos Simply stunning. Savegre Common and widespread Widespread Lovely species seen at Bosque de Paz and Savegre
Golden-hooded Tanager [Spangle-cheeked Tanager Bay-headed Tanager Common Bush-Tanager Sooty-capped Bush-Tanager Grey-headed Tanager [White-lined Tanager White-shouldered Tanager [Tawny-crested Tanager [Black-cheeked Ant-tanager [Olive Tanager Summer Tanager Flame-coloured Tanager Passerini's Tanager Cherries Tanager Buff-throated Saltator Slate-coloured Grosbeak [Black-faced Grosbeak [Rose-breasted Grosbeak	<i>Tangara larvata</i> <i>Tangara dowii</i> <i>Tangara gyrola</i> <i>Chlorospingus ophthalmicus</i> <i>Chlorospingus pileatus</i> <i>Eucometis penicillata</i> <i>Tachyphonus rufus</i> <i>Tachyphonus luctosus</i> <i>Tachyphonus delatirii</i> <i>Habia atrimaxillaris</i> <i>Chlorospingus carmioli</i> <i>Piranga rubra</i> <i>Piranga bidentata</i> <i>Ramphocelus passerinii</i> <i>Ramphocelus</i> <i>Saltator maximus</i> <i>Pitylus grossus</i> <i>Caryothraustes poliogaster</i> <i>Pheucticus ludovicianus</i>	A beauty, widespread Bosque de Paz (LOB) 2013] Lovely bird, Bosque del Cabo Common at Bosque de Paz Savegre, Cerro de la Muerte Bosque del Cabo Laguna Lagartos 2013] Bosque del Cabo Laguna Lagartos 2012] Bosque Rio Tigre 2013] Laguna Lagartos 2012] Widespread A beauty, San Gerardo Laguna Lagartos Bosque del Cabo, La Cusinga Laguna Lagartos Laguna Lagartos Flocks at Laguna Lagartos 2012] Widespread in Costa Rica. But only a glimpse at Savegre 2011. 2010 at Bosque del Cabo]
[Black-thighed Grosbeak	<i>Pheucticus tibialis</i>	Stunning yellow, one in flight Providencia road 2013]
[Painted Bunting	<i>Passerina ciris</i>	Stunning little bird in mangroves at La Ensenada 2012]
Indigo Bunting Black-striped Sparrow Blue-black Grassquit Variable Seedeater	<i>Passerina cyanea</i> <i>Arremonops conirostris</i> <i>Volatinia jacarina</i> <i>Sporophila aurita</i>	A juvenile at Laguna Lagartos Laguna Lagartos La Ensenada Pastureland, grassy areas e.g. Laguna Lagartos all black, Pacific coast black and white somehow absent this year!
[White-collared Seedeater [Peg-billed Finch Slaty Flowerpiercer Yellow-thighed Finch Chestnut-capped Brush-Finch Yellow-throated Brush-Finch Large-footed Finch [Orange-billed Sparrow	<i>Sporophila torqueola</i> <i>Acanthidops bairdii</i> <i>Diglossa plumbea</i> <i>Pselliophorus tibialis</i> <i>Atlapetes brunneinucha</i> <i>Atlapetes gutturalis</i> <i>Pezopetes capitalis</i> <i>Arremon aurantiirostris</i>	La Ensenada, Osa 2013] Cerro de la Muerte 2013] Savegre, Cerro de la Muerte Savegre and Bosque de Paz Bosque de Paz Savegre Savegre, Cerro de la Muerte Bosque Rio Tigre 2013, Bosque del Cabo 2009]
Stripe-headed Sparrow Rufous-collared Sparrow	<i>Aimophila ruficauda</i> <i>Zonotricha capensis</i>	Common around La Ensenada Highlands

Volcano Junco [Dickcissel [Red-breasted Blackbird [Red-winged Blackbird Eastern Meadowlark Melodius Blackbird Great-tailed Grackle	<i>Junco vulcani</i> <i>Spiza americana</i> <i>Strunella militaris</i> <i>Agelaius phoeniceus</i> <i>Sturnella magna</i> <i>Dives dives</i> <i>Quiscalus mexicanus</i>	Cerro de la Muerte paramo La Ensenada 2011] En route to Puerto Jimenez 2012] Common in rural Caribbean lowlands] Near Laguna Lagartos, where displaying Savegre, La Ensenada Very common and widespread in open areas and towns in Costa Rica Adolfo's garden, Laguna Lagartos La Ensenada La Ensenada with Streak-backed Oriole for instant comparison 2013] A juvenile at Pital garage Widespread in Costa Rica Laguna Lagartos (LOB),Bosque del Cabo 2011] Laguna Lagartos, Caribbean lowlands and La Ensenada Savegre Towns – where were they!?!]
Black-cowled Oriole Streak-backed Oriole [Spot-breasted Oriole	<i>Icterus dominicensis</i> <i>Icterus pustulatus</i> <i>Icterus pectoralis</i>	
Orchard Oriole Northern Oriole [Scarlet-rumped Cacique	<i>Icterus spurius</i> <i>Icterus pustulatus</i> <i>Cacicus uropygialis</i>	
Montezuma Oropendula	<i>Psarocolius montezuma</i>	
Yellow-bellied Siskin [House Sparrow	<i>Carduelis xanthogastra</i> <i>Passer domestica</i>	



## Systematic List # 2

## Mammals

A good mammal haul with some memorable bats in particular.

Species in parentheses have been seen at the locations visited during previous trips at this season.

Common Opossum [Grey Four-eyed Opossum [Central American Woolly Opossum	<i>Didelphis marsupialis</i> <i>Philander opossum</i> <i>Caluromys derbianus</i>	Road Kill en route to Savegre Seen well during 2010 TTL] One in Chris's cabin! 2010]
Northern Tamandua	<i>Tamandua mexicana</i>	One sleeping among mangroves long Tempisque (Bosque del Cabo 2013) En route to Laguna Lagartos 2013]
[Brown-throated Three-toed Sloth [Hoffmann's Two-toed Sloth	<i>Bradypus variegates</i> <i>Choloepus hoffmanni</i>	One at Laguna Lagartos 2010]
Nine-banded Armadillo	<i>Dasybus novemcinctus</i>	Two very cooperative individual on lawn at Bosque del Cabo
Common Tent-making Bat	<i>Uroderma bilobatum</i>	Seen beautifully at Bosque del Cabo with 12 in one roost
Silky Short-tailed Bat	<i>Carollia brevicauda</i>	One at Bosque del Cabo
Jamaican Fruit Bat	<i>Artibeus jamaicensis</i>	One narrowly escaping a Roadside Hawk at Bosque del Cabo
Nectar-feeding Bats	<i>Glossophaga soricina</i>	Two species probably including this one attending hummingbird feeders at Laguna Lagartos and the close proximity made for an enchanting experience
Western Red Bat	<i>Lasiurus blossevillii</i>	One at Bosque de Paz at roost
[Honduran White Bat	<i>Ectophylla alba</i>	Lovely little bats under a heliconia Laguna Lagartos
[Spix's Sucker-footed Bat	<i>Thyroptera tricolour</i>	Two pairs in separate leaves at Bosque del Cabo 2010]
White-throated Capuchin	<i>Cebus capuchinus</i>	A cooperative troop at Bosque del Cabo, also seen eating freshly killed toucan.
Mantled Howler	<i>Alouatta palliate</i>	Seen and heard very well at La Bosque del Cabo, also La Ensenada (Laguna Lagartos 2012)
Central American Spider Monkey	<i>Ateles geoffroyi</i>	Very common at Bosque del Cabo and also one at Laguna Lagartos
Central American Squirrel Monkey	<i>Saimiri oerstedii</i>	Seen well at Bosque del Cabo
Red-tailed Squirrel	<i>Sciurus granatensis</i>	Common and widespread
Variiegated Squirrel	<i>Sciurus variegatoides</i>	La Ensenada
Central American Dwarf Squirrel	<i>Microsciurus alfari</i>	Bosque del Cabo (LOM)
Alston's Singing Mouse	<i>Scotinomys teguina</i>	One seen by Jean at Bosque de Paz
Central American Agouti Paca	<i>Dasyprocta punctata</i> <i>Agouti paca</i>	Widespread and common Two at Bosque de Paz, also Bosque del Cabo
[Brazilian Rabbit	<i>Sylvilagus brasiliensis</i>	Bosque de Paz also near Savegre 2009]
Eastern Cottontail		La Ensenada
Northern Racocon	<i>Procyon lotor</i>	One seen, plus several prints at Bosque

White-nosed Coati	<i>Nasua narica</i>	del Cabo
Tayra	<i>Eira barbara</i>	Seen well in several places
Hooded Skunk		One along Pacific coast road
		Dead one near La Ensenada – still with a tremendous smell!
Collared Peccary	<i>Tayassu tajacu</i>	Bosque de Paz and Bosque del Cabo
[Jaguarundi	<i>Herpailurus yaguarondi</i>	Seen by Moira in rain while climbing trail up from beach at Bosque del Cabo (lucky girl)]
[Puma	<i>Panthera onca</i>	
[Baird's Tapir	<i>Tapirus bairdii</i>	Fresh tracks, plus alarm calls from monkeys - We had to be fairly close at Bosque del Cabo] Tracks at Laguna Lagartos 2012]
Bottlenose Dolphin	<i>Tursiops truncatus</i>	Two from the air and one at Bosque del Cabo, probably this species

## Systematic List # 3

## Reptiles

An excellent total of at least thirty five (live) species of reptiles and amphibians were seen during the tour. Species from previous tours are included to provide a complete record of what may be seen during the tour.

White-lipped Mud Turtle	<i>Kinosternon leucostomum</i>	Two at Laguna Lagartos
[Brown Wood Turtle	<i>Rhinoclemmys annulata</i>	One on a forest trail at Laguna Lagartos somehow it wasn't trodden on! 2011]
House Gecko	<i>Hemidatylus frenatus</i>	Widespread in buildings, an Asian import
Common Basilisk	<i>Basiliscus basiliscus</i>	Sleek and swift lizard capable of sprinting across water. Bosque del Cabo. Big one at Bosque Rio Tigre
Green Basilisk	<i>Basiliscus</i>	Juvenile at Laguna Lagartos
[Striped Basilisk	<i>Basiliscus</i>	Seen at Laguna Lagartos 2013]
Black Spiny Iguana (Ctenosaur)	<i>Ctenosaura similis</i>	Fighting males at Hacienda Baru, also La Ensenada
Green Iguana	<i>Iguana iguana</i>	Magnificent lizard with both bright green juveniles and larger older specimens at Laguna Lagartos, near Arenal and along the Tempisque
[Green Tree Anole	<i>Norops biporcatus</i>	A juvenile at Villa Blanca 2010]
Anoles	<i>Norops spp</i>	Several other species seen but not identified, the genus as a whole are difficult and individuals need to be carefully examined
Ground Anole	<i>Norops humilis</i>	Bosque del Cabo, well marked species generally seen on or near the ground. Yellow margined red dewlap
Slender Anole	<i>Norops limifrons</i>	Laguna Lagartos
Golfo Dulce Anole	<i>Norops polylepis</i>	Common at Bosque del Cabo, orange dewlap
[	<i>Norops pentaprion</i>	Red dewlap, La Cusinga 2014]
Pug-nosed Anole	<i>Norops capito</i>	Bosque del Cabo, superb camouflage
Litter Skink	<i>Sphenomorphus cherrei</i>	Small critter with red tail Bosque del Cabo
Highland Alligator Lizard	<i>Mesaspis monticola</i>	One on Cerro de la Muerte
Central American Whip-tailed Lizard	<i>Ameiva festiva</i>	Widespread, but most notable at Bosque del Cabo, Laguna Lagartos
Four-striped Whip-tailed Lizard	<i>Ameiva quadrilineata</i>	Easily overlooked in favour of festiva
Deppe's Whip-tailed Lizard	<i>Ameiva deppei</i>	La Ensenada
Green Spiny Lizard	<i>Sceloporus malachiticus</i>	One sunning itself on high (3500m) on Cerro de la Muerte
[Mussurana	<i>Clelia clelia</i>	A large dead one en route to Baru, this species preys on Fer-de-lance! 2010]
[Mica	<i>Spilotes pullatus</i>	Dead one near Laguna Lagartos 2010]
Northern Cat-eyed Snake	<i>Leptodeira septentrionalis</i>	Common around ponds at Bosque del Cabo
[Barred Forest Racer	<i>Dendrophidion vinitor</i>	Bosque del Cabo]
Snail-eating Snake		Laguna Lagartos

Hog-nosed Pit-viper		One neatly coiled on forest floor at Laguna Lagartos
Eye-lash Pit-viper	<i>Botroides schengeli</i>	Both typical green-and-red and the stunning pure yellow form at Laguna Lagartos – captured by gardening staff and posed for our enjoyment
[Fer-de-lance	<i>Bothrops asper</i>	A beauty at Bosque del Cabo 2011. Two at Laguna Lagartos, one smallish the other huge 2010! Two metres at least]
Boa Constrictor	<i>Boa constrictor</i>	One found by staff at Laguna Lagartos
Spectacled Caiman	<i>Caiman crocodiles</i>	Seen very well at Laguna Lagartos
American Crocodile	<i>Crocodylus americanus</i>	Tarcoles (close haul out views) and Tempisque rivers

## Systematic List # 4

## Amphibians

Giant Toad	<i>Bufo marinus</i>	The infamous Cane Toad, here in its' native habitat but no less rare or huge, Laguna Lagartos and Bosque del Cabo Bosque de Paz
Emerald Glass Frog [Granular Glass Frog]	<i>Centrolenella prosoblepon</i> <i>Cochranella granulosa</i>	One at Villa Blanca, unusual at this altitude 2010]
Green-and-black Poison Frog	<i>Dendrobates auratus</i>	What a beauty! Laguna Lagartos and locally common at Bosque del Cabo
Strawberry Poison Frog	<i>Dendrobates pumilio</i>	Gorgeous little red frog common at Laguna Lagartos
[Golfo Dulce Poison Frog]	<i>Phylllobates vittatus</i>	One in the forest at Bosque del Cabo, a stunner with orange stripes on black and bluish legs 2013]
Red-eyed Leaf Frog	<i>Agalychnis callidryas</i>	The quintessential Costa Rican frog seen at close quarters at Laguna Lagartos, also Pacific form at Bosque del Cabo
Parachuting Red-eyed Frog [Brilliant Forest Frog]	<i>Agalychnis</i> <i>Rana warszewitschii</i>	A small juvenile at Bosque del Cabo Brown frog with some colourful markings, Villa Blanca 2010, Laguna Lagartos 2011 (leader only frog)]
Hourglass Tree Frog	<i>Hyla ebraccata</i>	Pretty little yellowish frog at Bosque del Cabo variable markings, scarce this year
[Masked Tree Frog]	<i>Smilisca phaeota</i>	Medium-sized frog, but with an immense loud call. Only heard (a few in the flooded lawns at Bosque del Cabo 2010)]
	<i>Smilisca sp</i>	Mystery frog found at Bosque de Paz (LOF)
Bransford's Litter Frog Rain Frogs	<i>Eleutherodactylus bransfordii</i> <i>Eleutherodactylus spp</i>	Bosque del Cabo Various species of this difficult genus seen.
Savage's Thin-fingered Frog	<i>Leptodactylus savageii</i>	Truly huge frog (four times the bulk of a giant toad!) with red eyeshine. Bosque del Cabo (also Laguna Lagartos 2010). Formerly known as Central American Bullfrog or Smoky Jungle Frog L. pentadactylus
[Milk Frog]	<i>Phrynohyas venulosa</i>	A large one at Bosque del Cabo (also one climbing a tree at La Ensenada 2010)]

## Systematic List #5

## Butterflies, etc

A somewhat quiet trip for butterflies, peculiar weather had undoubtedly influenced the abundance of some species with an absence of *Adelpha* and lycaenids notable examples.

Species from previous years are included in parentheses for a complete picture of what may be seen on the tour.

### *Papilionidae*

Parides iphidamas

Parides arcas?

Cattleheart

Bosque del Cabo, large pale red hindwing patch

A species of Cattleheart was seen at Laguna Lagartos and Bosque de Paz. Scarce this year. Laguna Lagartos 2011]

[Parides euryleon

Papilio thoas

Phoas Swallowtail

Bosque del Cabo, La Cusinga, Laguna Lagartos

### *Pieridae*

Anteos chlorinde

[Eurema salome

Eurema xanthochlora

Eurema diara

Archionas eurytele

Phoebis argante

Apricot Sulphur

La Cusinga

Bosque de Paz 2013]

Laguna Lagartos

La Ensenada, Bosque del Cabo

Bosque de Paz

Bosque de Paz, Laguna Lagartos, large orange-yellow species

Phoebis rurina

Laguna Lagartos, large yellow species

Phoebis sennae

Cloudless Sulphur

Widespread, yellow, female much paler. Both heavily speckled brown on underside

Pieriballia mandela

Bosque de Paz

[Catasticta strigosa

Bosque de Paz, stunning underside markings 2011]

[Leodonta dysoni

Handsome white upperside, striking underside, Bosque de Paz 2011]

Leptophobia aripa

Common green-eyed white

Bosque de Paz

Leptophobia caesia  
tenuicornis

Bluish White

Bosque de Paz

### *Nymphalidae*

#### *Charaxinae*

Prepona omphale

Stunning blue upperwing, perching on large tree at Bosque del Cabo

#### *Nymphalinae*

[Doxocopa laurentia

A dead one at Bosque de Paz, electric blue bands]

Historis odius

Orion Cecropian

Laguna Lagartos feeding on bananas

Hamadryas feronia

Variable Cracker

Laguna Lagartos, La Cusinga

[Hamadryas amphinome

Red Cracker

Laguna Lagartos 2010]

[Leptophobia caesia

Bosque de Paz 2011]

[Marpesia merops

Daggerwing

Laguna Lagartos 2010]

[Marpesia iole

Bosque de Paz 2011]

[Marpesia berrania

Guatemalan Daggerwing

Bosque del Cabo, several narrow brown bands, long tails]

[Marpesia marcella

Striking orange species with large blue marking on hindwing, Bosque del Cabo]

Siproeta stelenes	Malachite	Bosque del Cabo
Anartia fatima	Banded Peacock	Abundant and widespread
Anartia jatrophae	White Peacock	Laguna Lagartos, Bosque del Cabo
Hypanartia arcaei		Higher altitudes, Cerro de la Muerte (Savegre 2012, Bosque de Paz 2011)
[Hypanartia lethe	Orange Mapwing	Bosque de Paz]
Hypanartia kefersteini		Bosque de Paz (LOB)
[Adelpha cytherea		Laguna Lagartos 2010]
[Adelpha iphicla	Confusing sister	Laguna Lagartos]
[Adelpha basiloides		Bosque del Cabo. All brown with white band and small orange spot on forewing.]
[Tigridia acesa	Tiger Beauty	Lovely species at Braulio Carillio 2013]
[Diaethria clymena marchalii	Cramer's Eighty-eight	Bosque de Paz 2013]
<b>Heliconiinae</b>		
Agraulis vanillae	Gulf Fritillary	La Ensenada, including pair 'in cop'
Dione junio		Bright orange, sickle-shaped wings with distinctive silver and brown spotted underwing. Bosque de Paz. Laguna Lagartos 2012.
[Dione moneta		Handsome orange species, akin to a monarch but distinctly bi-coloured orange with pale band 2013]
[Dryadula phaetusa	Banded Orange Heliconian	Handsome orange and black striped species at Laguna Lagartos 2012]
Dryas iulia ssp.moderata	Julia Heliconian	Widespread, orange sickle-shaped wings
Heliconius ismenius	Tiger Heliconian	Common at Bosque del Cabo
ssp.clarescens		
Heliconius hecale ssp.zuleika	Heart-spotted Heliconian	(Laguna Lagartos 2011), Bosque del Cabo
Heliconius pacheus		Black and cream banded species Bosque del Cabo
Heliconius erato	Erato Heliconian	Smallish black with red (vertical) barred forewing and cream banded hindwing, Bosque del Cabo
ssp.petiverana		
[Heliconius charitonius	Zebra Heliconian	Laguna Lagartos, horizontal black and cream stripes 2013]
Heliconius clysonymus		Widespread black, red (horizontal) band and cream Bosque de Paz
Heliconius sapho		Laguna Lagartos, black with white on forewing and blue hindwing, no red bars on hindwing underside
[Heliconius cydno		Similar to the above except red bands on hindwing, more widespread 2013]
[Philaethria dido	Green Heliconian	A beauty. Laguna Lagartos, Bosque del Cabo]
<b>Miletaeninae</b>		
Chlosyne lacinia		One at Bosque del Cabo
Chlosyne narva bonpland	Narva Checkerspot	Bosque del Cabo
Anthanassa crithona	Crithona Crescent	Bosque de Paz
<b>Acraeinae</b>		
Actinote guatemalana		Fluttery little grey species, somewhat moth-

		like, common in forest at Laguna Lagartos
<b><i>Ithomiinae</i></b>		
[Godyris zavaleta		Glasswing at Bosque de Paz 2011]
Greta anette		Bosque de Paz
Pteronymia simplex		Bosque de Paz (Jean)
[Oleria vicina		Common at Bosque de Paz 2013]
Mechanitis polymnia		Bosque del Cabo, like a small heliconid
<b><i>Brassolinae</i></b>		
[Caligo atreus	Giant Owl Butterfly	Bosque de Paz 2013 (also caterpillar 2011 and Bosque del Cabo 2010)]
Caligo eurilochus		Bosque del Cabo, where at least four chasing each other at dusk, also Bosque de Paz.
Opsiphanes tamarindi		One at dusk below cliffs at Bosque del Cabo
<b><i>Morphinae</i></b>		
[Catoblepia orgetorix		Handsome owl butterfly at Laguna Lagartos 2011]
Morpho amathonte	Blue Morpho	Bosque del Cabo, magnificent species, the male lacks a black margin, females a broad brown margin
Morpho peleides	Common Morpho	Widespread, the both sexes have a dark blackish margin. Laguna Lagartos, Bosque del Cabo
[Morpho granadensis		Rare species, photographed well at Laguna Lagartos. Stunning underside markings. 2010]
[Antirrhea miltiades		One in the understorey at Laguna Lagartos, prominent white band on underwing 2010]
<b><i>Satyrinae</i></b>		
Cissia spp	various	Various little brown satyrids were seen but not identified
Cissia confusa		Laguna Lagartos, white and red bands, yellow patch on forewing. (LOB)
[Cissia pseudoconfusa		Bosque del Cabo. Very similar to confusa but has two small red stripes at tip of hindwing 2013]
[Cissia hesione		Laguna Lagartos 2013]
[Chloreuptychia arnaea	Blue-smudged Satyr	Braullio carillio? 2013]
Drucina leonata		Bosque de Paz
Euptychia westwoodii		Bosque del Cabo
Hermenptychia hermes		Bosque del Cabo, common in grassy areas, non-descript.
[Magneuptychia (Cissia) libye	Blue-grey Satyr	Laguna Lagartos 2013]
[Manataria hercyna maculata		One at Bosque del Cabo, cryptic underwing 2013]
Pierella luna	Quiet Diaph	Well camouflaged species that flies close to forest floor. Bosque del Cabo
Pierella helvetica		Similar to above but has reddish-pink area on hind wing Laguna Lagartos, Bosque del Cabo
[Paraptychia ocirrhoe	White Satyr	Quite common white and brown striped understorey species, Bosque del Cabo 2013]
Taygetis andromeda		Bosque de Paz (LOB) (Laguna Lagartos 2011)



[Taygetis thamyra <b><i>Lycaenidae</i></b> [Arawacus togarna		Bosque del Cabo 2013]
[Theritas sp		Pretty striped species with typical false head markings on rear wing that wiggle constantly. Bosque del Cabo 2013]
[Eumaeus toxea.	Mexican Cycadian	Stunning deep metallic blue, Laguna Lagartos 2013]
[Strymon rufofusca	Red-crescent Scrub-Haristreak	Intriguing black winged species with red flash and white dots, hovering around bromeliads at Laguna Lagartos 2013]
[Calycopis drusilla	Field's Groundstreak	One at Bosque del Cabo, very pale almost white with red markings 2013]
<b><i>Riodinidae</i></b> Eurybia lysica		Small brown species with red hindwing spot 2013]
[Mesosemia carissima		Shining blue hindwing, La Cusinga (Laguna Lagartos, Braulio Carillio, Bosque del Cabo 2013) Has habit of settling underneath leaves Shiny blue patches on upperside, perched underneath leaves, Laguna Lagartos – very similar to previous species – may be this species 2013]
Mesosemia zonalis Mesosemia grandis		White bars on brown, Braulio Carillio Stunner with electric blue bands in understory at Bosque de Paz
[Rhetus periander		Stunning blue species with red spots on hind wing, Laguna Lagartos 2010]
[Semomesia croesus <b><i>Hesperiidae</i></b>	Croesus Eyemark	Bosque del Cabo 2013]
[Aides dysoni [Anthoptus Epictetus/Buzyges idothea	Dyson's Silverpatch Trailside or Yellow-clubbed Skipper	Many more species of skippers have now been identified thanks to Ian Small, but they are still a challenging group! The list demonstrated how rich the area around Bosque de Paz is in September. Laguna Lagartos 2013]
Astraptes fulgerator		Undecided as to which of these two this is, both similar, but does have pronounced yellow clubs and the underside lends more towards the latter. Bosque de Paz 2013]
[Bolla cuprieceps [Calpodetes ethlius [Carystoides hondura?	Golden-headed Bolla Brazilian Skipper Honduran Ruby-eye	Two distinct forms of this species seen one at Bosque de Paz the other at Bosque del Cabo. Shining blue upperwing, prominent white bars Laguna Lagartos 2013]
[Celaenorrhinus similis [Creonopyge creon creon	Similis Flat Skipper Creon Skipper	Bosque de Paz 2013]
Epargyreus sp Erynnis juvenalis		Stunning blue-black species with large orange spots on hindwing. Bosque de Paz 2013]
	Juvenal's Duskywing	Bosque de Paz Cerro de la Muerte at 3300m

[Mylon pelopidas	Pale Mylon Skipper	Bosque de Paz 2013]
[Nascus solon corilla	Great Scarlet-eye	Bosque del Cabo teak trail 2013]
Nascus paullinae	Least Scarlet-eye	Bosque de Paz
[Ouleus fredericus salvinus	Geyer's Zera	Bosque del Cabo teak trail
[Poanes zabulon	Zabulon Skipper	Bosque de Paz
[Phocides polybius	Guava Skipper	Bosque de Paz
[Polites subreticulata	Subreticulate Skipper	Bosque de Paz
Saliana antoninus	Yellow-based Saliana	Bosque del Cabo (teak trail)
[Thespieus aspernatus	Aspernatus Skipper	Bosque de Paz
[Thespieus macereus	Chestnut-marked Skipper	Bosque de Paz
[Vettius coryna conka	Silver-plated or Cloud Forest Fantastic Skipper	Bosque de Paz
Urbanus teleus		Long-tailed Skipper, widespread in lowlands, e.g. Bosque del Cabo
Urbanus procne		A brown long tailed skipper, Bosque de Paz
[Urbanus dorantes		Laguna Lagartos 2011]
[Urbanus pronus		Bosque de Paz, long-tailed blue skipper 2011]
[Pyrgus oileus	Tropical Checkered Skipper	Widespread in lowlands 2013]
[Poares zabulori		Yellow and brown skipper, Bosque de Paz 2011]
[Coreopyge creon		Iridescent blue-black skipper with two red dots at Bosque de Paz 2013]
[Pyrrhopyge chalybea chloris	Orange-rimmed Firetip	Iridescent blue-black with orange rim to hindwing, Bosque de Paz 2013]
Jonaspyge aesculapus		Some outstanding moths, odonata and other invertebrates were also seen
<b>Other significant invertebrates</b>		
Ascalapha odorata	Black Witch Moth	Widespread large moth with variable markings, seen well at Bosque de Paz
Manduca sp	Hawkmoth	Large camouflaged sphinx at Bosque de Paz
Lophandra sp		Striking caterpillar at La Cusinga
Plusiotis replendens	Hooded Mantis Shiny Beetle	Two at Laguna Lagartos Amazing reflective beetle at Savegre, maybe this species, certainly this genus.
Nephila clavipes	Orb-web Spider	Laguna Lagartos and Bosque del Cabo, Large webs, colourful abdomen.
Argiope savignyne	Orb-web Spider	Pretty little white bull's-eye web centre (or stabilimentum), overall white abdomen and dark legs, Bosque del Cabo
Orthemis ferrugineus		Stunning pink bodied dragonfly at Bosque del Cabo
Drythemis multipunctata		Blue-eyed dragonfly at Bosque del Cabo
Perithemis mooma		Small orange species at Bosque del Cabo