

Report of a Birding Trip to

Borneo

Ba'kelalan, Payeh Maga, Klias Peat Swamp and Danum Valley

from 28 April to 9 May 2016

Participants:

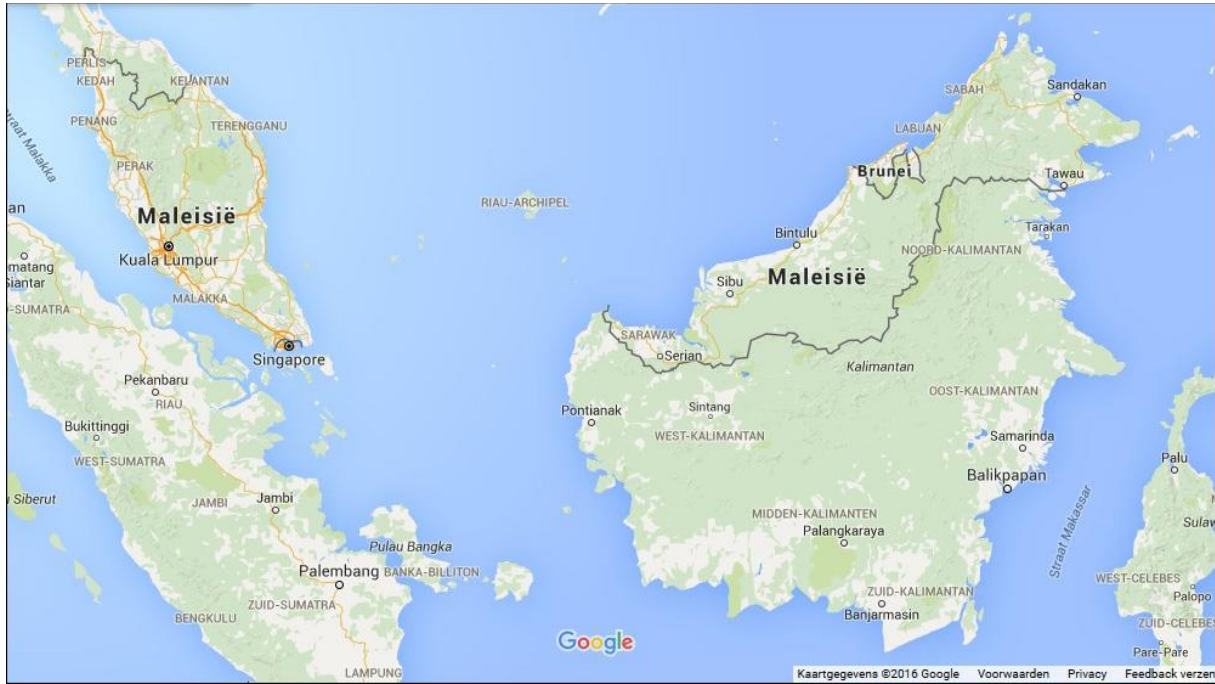
Arjan Brenkman & Jan van der Laan



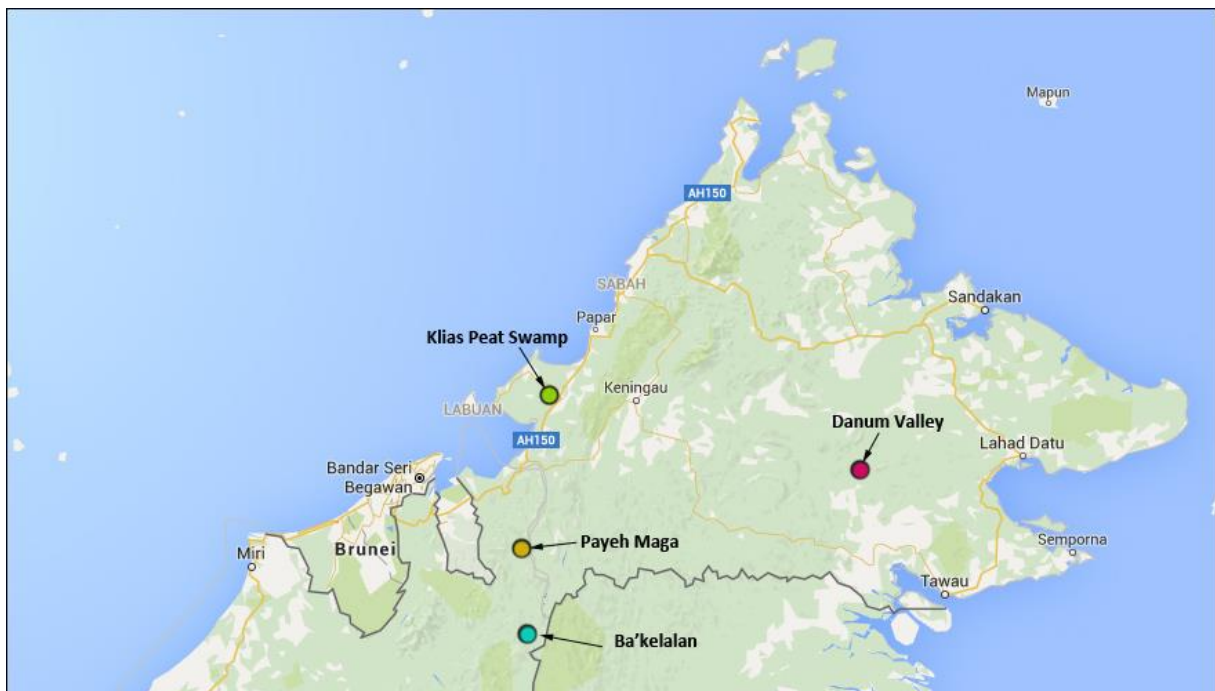
Dulit Frogmouth – *Batrachostomus harterti*, 30 April 2016, Ba'kelalan, Sarawak, Borneo, Malaysia; © Jan van der Laan.



Maps



Map of Malaysia; the big island on the right is Borneo.



Map of Sabah and Sarawak, northern part of Borneo.





Introduction

In 2016 we had our five-year lustrum of the Virtual Birders® and we thought Borneo would be a good idea to celebrate. Dulit Frogmouth was high on our priority list followed by Hose's Broadbill, all endemic pitta's, Black Oriole, Bornean Bristlehead and Bornean Ground Cuckoo. Arjan had visited Mount Kinabalu and the Kinabatangan River already in 2003, but missed some species. James Eaton advised us to do the Bornean Rain Forest Lodge as the best chance to see the Bristlehead and also we had a reasonable chance to see the Ground Cuckoo. For the Payeh Maga part we decided to contact Yeo Siew Teck, a Malaysian based birder with good organization and birding skills. James Eaton made the contact for us with Sang Sigar, owner of a homestay and the person who rediscovered the Dulit Frogmouth in 2013.

Itinerary

- 28 April** Arjan took the train from Culemborg, I was brought by my family to Schiphol, **Amsterdam**. On arrival at around 18:00 hours we heard our KLM flight (KL808, departure 20:45) to Kuala Lumpur had a delay of four hours. This meant we would miss our connecting flight of Air Asia AK 5648 at 18:35 to Miri, so we had to do something. We had to be at Miri on Borneo Saturday morning for our 8:35 hours flight to Ba'kelalan. This flight only departs three times a week. At first we learned a later flight to Miri was full, so we thought to take an early morning flight at 5:00 hours from Kuala Lumpur to Miri. We quickly booked this flight, but when the boarding passes were emailed to us, it turned out it was 17:00 hours instead of 5:00 hours! We checked the evening flights again with another mobile app and one of these showed there were still two business class seats to Miri at 21:05 hours for c € 375 each. We booked this flight and hoped for the best. Finally the KLM flight to **Kuala Lumpur** departed at c 1:00 hours.
- 29 April** Arrival **Kuala Lumpur** at 18:20 hours. We picked up our bags and went to the Malaysian Airlines counter to check in. Being business class now we could easily and quickly check-in and we even could use the business class lounge (free food and drinks, alas no alcohol). We departed on time at 21:05 hours (MH2598). We arrived at **Miri** on time at 23:20 hours and we quickly collected our luggage and took a taxi to the **Imperial Hotel** in Miri (very good for only € 54 for a room). At 00:30 hours we went to sleep, very relieved we made it on time.
- 30 April** We rose at 6:00 hours, had breakfast and took a taxi to the **Miri airport** for our MH3540 flight to **Ba'kelalan** of 8:35 hours. The plane was a small Twin Otter and there were only 10 passengers plus some chickens in a crate. We departed on time and at first we flew to **Lawas**. On our way to Lawas we saw large tracts of primary lowland forest, but also large palm-oil plantations. We had a short stop at Lawas and after c 20 minutes we departed again, obviously following the Lawas-Ba'kelalan Road. Again we saw good large areas of primary foothill forest. Just before Ba'kelalan, it started to rain and visibility was now only 50%. However the landing strip was clearly visible and finally we landed just past 10:00 hours at **Ba'kelalan**. On arrival we met Mike Nelson of Birdtour Asia and we changed the latest news on the whereabouts of several of the target species. Then four helicopters came out of nothing and landed on the airstrip. A lot of soldiers came out and at first Ba'kelalan Willie Liau - MP for Ba'kelalan district - appeared and shook everybody's hand, including ours. The show was not over yet as the deputy Prime Minister of Malaysia Ahmad Zahid Hamidi appeared and shook our hands too! It was election time and Ahmad Zahid Hamidi visited as much MP's as possible. The helicopters disappeared to the central grass field of the village. We finally got our bags, met Sang Sigar and we walked to the **Homestay Juliasang**, our base for the coming two nights. It had started to rain, so we had lunch first, but at 15:00 hours we went up to the **Ba'kelalan-Bario road** for some afternoon birding. We quickly found Bornean Leafbirds, Mountain and Bornean Barbets, Bornean Bulbuls, Chestnut-hooded Laughingthrushes and had a long battle with a Blue-banded Pitta that did not come into view. At dusk we returned to the homestay and continued birding later at 19:30 hours in search of our main target,





the Dulit Frogmouth. At first we searched for the bird at two locations just south of the village, but the only bird we heard was a distant Sunda Scops Owl. Finally we tried the location where a Birdtour Asia group had it some weeks before. At that very location a bird responded and after 10 long minutes it crossed the road and perched in the tree above us. There the bird gave us a wonderful show. Arjan could even make a video of the bird doing two call-types. After this great success we tried for a close Barred Eagle Owl and an Oriental Bay Owl, but both birds stayed away. At 21:00 hours we were back at the homestay, had a wonderful dinner and went to bed.

1 May We rose at 5:00 hours and walked to the Blue-banded Pitta place, along the **Ba'kelalan-Bario Road**. As it was Sunday, nobody in the village wanted us to bring to the road. Sang told us it was just an hour walk, but it took us at least four hours to reach the location of the Blue-banded Pitta we heard the day before. During the walk up we saw lots of birds, with good birds such as Jambu Fruit Dove, Black-and White Bulbul, Philippine Cuckoo-Dove, Black Bittern, Painted Snipe and Black-sided Flowerpecker. The pitta did not respond, so we walked back, now in the midday sun. After three hours, just a few kilometers before **Ba'kelalan** a car approached and we managed to stop it, so finally we arrived at 14:00 hours just before lunch. Tired of the seven hour walk, we had some afternoon nap.

2 May In the early morning we went back to the **Ba'kelalan-Bario Road** to a place where Mike Nelson had seen Bornean Frogmouth. At that very spot nothing happened, but Sang knew another place a few hundred meters further up the road and indeed one bird was calling. Fruit Bats were flying and the first morning chorus started and a new dawn was fading. It in the last minutes of the night we found one bird sitting close to the road, just a meter above the ground. We could make some pictures before the bird disappeared. Next we positioned ourselves at the Blue-banded Pitta place, but after an hour wait we gave up. But a beautiful Whitehead's Broadbill made everything ok. We birded till 9:00 hours and returned to the homestay, where we had breakfast, said goodbye and started to drive to the village of **Long Tuyo**, c 88 km north of **Ba'kelalan**. It took us three hours to reach **Long Tuyo**, because the road was full of potholes. Happily we had a very skillful driver and a good 4x4 car. We arrived at Long Tuyo at 14:00 hours at the house of the village headman Salimun Baruk and his wife Dayang Duguk. There we met Yeo Siew Teck, our guide for the coming three days plus two porters. We had a quick lunch and drink, put all our important luggage in one bag, went back to the car and drove c 5 km till the end of a side road and started the 5 km walk to **Payeh Maga**, where we would camp for two nights. At the start of the trail we already heard the long whistle of a Blue-banded Pitta. We went off the trail and saw the bird instantly! The coming hour we had occasional good views of this beautiful pitta. We continued our walk uphill. During the walk our best birds were Black & Helmeted Hornbill, Scarlet-rumped Trogon, Banded Kingfisher, Mountain & Bornean Barbet, Rufous-winged & Maroon-breasted Philentoma, Grey-bellied Bulbul, Cinereous Bulbul, Chestnut-backed or Sunda Scimitar Babbler, Chestnut-crested Yuhina, Chestnut-naped Forktail and Yellow-rumped Flowerpecker. We arrived at the lodge just before dark. After dinner we heard at least three Bornean Frogmouths, but we couldn't get one into view.

3 May We rose before sunrise in order to see Bornean Frogmouths. We managed to see one bird, but it quickly disappeared. When the sun rose the first Black Orioles started to sing around the **Payeh Maga Lodge**. Also near the lodge was newly split Dayak Blue Flycatcher with its complete orange underparts including the undertail coverts. We birded all morning around the lodge with best birds being Temminck's Babbler, Chestnut-breasted Malkoha, Bornean Bulbul, Maroon-breasted Philentoma, Banded Kingfisher of the Bornean race *melanops* with black around the eye, Bornean Leafbird, Lesser Cuckooshrike and Brown Fulvetta. During a break I was the only one to see a Straw-headed Bulbul. After lunch we descended some kilometers in order to find Hose's Broadbill. After some hours search a bird responded and after an hour wait we finally had good views of a beautiful male. Unfortunately my camera was packed away in my bag to protect it from a short period of rain. We descended further





in order to try our luck for Bornean Banded Pitta, but we only heard a bird which did not come closer. Other good birds were Helmeted & Rhinoceros Hornbill, Crested Honey Buzzard, Mountain Serpent Eagle, Blyth's Hawk Eagle, Red-naped Trogon, Pygmy White-eye and White-tailed Flycatcher. In the evening we again had three Bornean Frogmouths, but now no bird came into view, so we went to sleep.

4 May The last morning at **Payeh Maga** we tried to see Bornean Banded Pitta around the river next to the lodge. After a two-hours wait one bird finally appeared for a short time, but long enough to see all feather details. Other birds were Rufous-chested Flycatcher, Crested Jay, Pygmy White-eye and Finsch's Bulbul. Around 10:00 hours we started the descent. At 12:00 hours we arrived at the place where the car was supposed to be, but after an hour wait we were not sure if it ever would appear, so we decided to walk the 5 km to the road. After an hour walk in the midday sun we reached the road and Yeo managed to stop a car and negotiate with the driver to bring us to Lawas after we picked up our bags at Long Tuyo. At **Long Tuyo** we learned that the initial driver thought he had to pick us the 4th day of the week and not the 4th of May. After c 90 minutes we arrived at **Lawas** and from there Yeo had arranged another driver who would bring us to **Beaufort** and the next morning to the Klias Peat Swamp Nature reserve and eventually to Kota Kinabalu Airport. We checked in at the River Park Hotel in Beaufort (clean with spacious beds). After a quick dinner we went to the **Klias Peat Swamp Nature Reserve** for night birding. We had a long battle with two Sunda Frogmouths who refused to come closer and heard a Sunda Scops Owl in the distance. We were both too tired (we both fell asleep while standing) to motivate ourselves to get into the swamp. After this defeat we returned to **Beaufort** and went to sleep.

5 May In the early morning we went again to the **Klias Peat Swamp Nature Reserve**. We walked the first kilometer on the boardwalk. The boardwalk makes a fork, forms a square or triangle and comes back in the same fork. Just after sunrise we quickly found our main targets: Hook-billed Bulbul and Grey-breasted Babbler. Both species were seen at close range. Our next target was the Scarlet-breasted Flowerpecker, but we had much trouble to find this. In the meantime we saw Common Hill Myna, Crimson Sunbird, Velvet-fronted Nuthatch and Red-crowned Barbet. Just before we had to leave a large Flowerpecker answered the call and came close, but it was chased away by a sunbird. At 9:00 hours we had to leave to catch the plane at **Kota Kinabalu Airport**. We arrived in time at c 11:00 hours. We said goodbye to Yeo, who was a great guide and good companion, and took the flight MH3016 of 12:10 hours for **Lahad Datu**. The plane departed on time and we arrived at c 13:00 hours. At the small airport of Lahad Datu we were picked up by personnel of the Bornean Rainforest Lodge, had some coffee at the office nearby, bought lunch and with a very comfortable car we were driven for two hours to the **Danum Valley**. During the ride we saw Black Hornbill and our only White-fronted Falconet. When we arrived at the **Bornean Rainforest Lodge** we were given a short introduction about the lodge and were brought to our cabin. We met Paul, our guide for the next three days. We gave him our wish list and we started to walk along the **Entrance Road** of the lodge. Almost immediately we heard our first Black-crowned Pitta, but it was quite difficult to get good views. As darkness fell we would join the night drive with Theo as our guide. At the moment we stepped into the back of the lorry we heard there was a Western Tarsier (a rare mammal) at the **Nature Trail**. We quickly left the vehicle and ran to the Tarsier, which showed itself very well. The night drive produced lot of Flying Squirrels (Black and red ones) plus some Civet cats. Birds were thin on the ground as we only heard a Barred Eagle Owl and a Brown Wood Owl. At the volley ball field behind the lodge we found two Brown Wood Owls sitting on a wire. After a very good dinner we went to sleep at around 22:30 hours.

6 May Today would be one of our best birding days ever. In the early morning an Helmeted Hornbill flew over the lodge. We started walking at the **Hornbill Trail** and after a few hundred meters a Sabah Partridge was calling. We lured the bird into view and it crossed the trail, giving good views. We could not enjoy





this for long as a Bristlehead started calling. We quickly found two birds in the top of a large tree and we had very good views, albeit a little far up. A Blue-headed, Black-crowned and a Hooded Pitta were heard only as was a Black-throated Wren-Babbler that refused to come closer. We continued to **Takala Trail** and quickly found Cinnamon-rumped and Diard's Trogon and a Rufous-chested Flycatcher. Then we heard a calling Bornean Ground Cuckoo. We positioned ourselves and waited, but nothing happened. Paul said we had to change position and so we approached the two calling birds closely, but now from a riverbank hidden under some tree branches. The birds continued calling and suddenly we saw a bird walking on a horizontal branch on the opposite side of the river. What a bird it was! At the same time a Great Argus was calling, but we had to ignore it in favour of the Ground Cuckoos. Next we crossed the **Raleigh Bridge** and walked back to the lodge via the **Segama Trail**. During the walk back we encountered a family of Striped Wren-Babblers allowing us close views and (for me new) a Dusky Broadbill. We had a short lunch break and we did a short walk on the **Nature Trail** that produced Buff-rumped Woodpecker, Spotted Fantail, Oriental Paradise Flycatcher, Hairy-backed Bulbul, Sooty-capped and Scaly-crowned Babblers. The remaining afternoon we decided to spent time on Black-throated Wren-Babbler and Blue-headed Pitta along the **E-Trail** and the **Belian Trail**. First we found a beautiful Blue-headed Pitta in a dark gully and the bird remained on one spot so we could see every feather detail, although it was too dark to photograph. Then a Black-throated Babbler called and it took some effort to finally see the bird completely. Other goods birds were a Moustached Babbler and two Bornean Blue Flycatchers. We returned to the lodge, changed clothes and when darkness felt we returned to the **Segama Trail** and tried for Large Frogmouth. We played the tape once and before that ended a bird responded, flew in and sat above our heads! Arjan had just time to take video recordings, when an aggressive Brown Wood Owl knocked the Frogmouth from its branch. The Large Frogmouth could escape fortunately, but did not come into view again. As happy as we could be we returned to the lodge, had a good dinner again and went to sleep at 22:00 hours.

7 May

The whole morning was devoted to find the elusive Bornean Wren-Babbler. The first area we looked for it was the **Jacuzzi Trail** at the other side of the river. When crossing the river we found an Oriental Darter together with a Great-billed Heron standing in the river. A large Monitor Lizard was also lying in the river, obviously digesting a large food item in his belly. Also there were two Chestnut-naped Forktails. The Wren-Babbler did not cooperate, so we decided to go to **Seraya Tail** a few kilometers north of the lodge. The first birds we found there was a close Moustached Hawk-Cuckoo (new bird for Arjan) and finally I had good views of a Black-crowned Pitta. We heard a pair of Bornean Banded Pittas calling close-by and after some patient waiting the male gave us full views. But still not a trace of the Bornean Wren-Babbler. Just after 11:00 hours when we encountered a flock of babblers (Black-headed, Scaly-crowned and Grey-headed) we suddenly heard the two-note whistle of the Wren-Babbler. We positioned ourselves behind a fallen tree and there it was, walking like a kiwi or rail on the branches of the fallen tree and crossing the trail. What a bird! One of the best birds (and we had so many best birds) of the holiday! As we were close to the Canopy Walkway, Paul asked an available car to bring us back to the lodge. There we had a very good lunch with some good birding from the terrace. After lunch we spent time to look for Giant Pitta that was heard the day before along the **Hornbill Trail**. At the start of the trail we flushed a group of seven Bornean Crested Firebacks and also a pair of Crested Jays, Sunda Blue Flycatcher, Great Argus (heard only), Scarlet-rumped and Grey-headed babblers. We were also directed to a female Orang Oetan and we could see this big ape high up in the tallest tree around. The rest of the day we birded the **Hornbill Trail** and the **Sapa Loop**. No trace of Giant Pitta. In the evening we birded the **Entrance Road** to look for frogmouths. After a while a Blyth's Frogmouth responded and flew in a tree close by. Gould's Frogmouth however did not respond and finally we decided to go back for our last dinner. We went to bed around 22:30 hours.

8 May

In the morning we birded the **Canopy Walkway** where highlights were Puff-backed Bulbul, Pale Blue Flycatcher, Brown Barbet, Black Hornbill, Ventriloquial Oriole and Velvet-fronted Nuthatch. At 9:45





hours we left the lodge, said goodbye to Paul and were driven to **Lahad Datu**. From there we departed at 13:25 hours with Malaysian Airlines MH3017 to **Koto Kinabalu**, arrival in time at c 14:20 hours. From there we took the flight MH2607 to **Kuala Lumpur** at 17:00 hours, arrival at 19:30 hours. Finally we boarded our KLM KL809 to **Amsterdam**, which departed on time at 23:20 hours.

9 May After a comfortable flight of 12 hours we arrived at 5:30 hours at **Amsterdam**. After picking up the luggage, Arjan took the train to **Utrecht** to be in time for a meeting at work and I took the train from Schiphol to **Alkmaar**, where I walked the last two kilometers to home. Next year Rusty-naped and Blue-naped Pitta in Thailand or some newly split Red-bellied Pitta's in Indonesia? Or a walk in the park on Taiwan? Or the Toktor in Southern Sumatra?



Trail map of the Borneo Rainforest Lodge. © http://www.borneonaturetours.com/www/brl_trailmap.aspx.





Species Accounts

Order and nomenclature follows www.worldbirdnames.org, version 13.2. Pale-faced Bulbul is from the Flavescent Bulbul and Penang Bulbul is split from Flavescent Bulbul in this version. The Ruddy Cuckoo-dove of Borneo is now retained in Philippine Cuckoo-Dove. Glossy Swiftlet has become Plume-toed Swiftlet and Buff-vented Bulbul is now Charlotte's Bulbul. In version 11.2, Grey-hooded Babbler, Bornean Black-capped Babbler and Dayak Blue Flycatcher are now endemic to Borneo. In version 13.1, the Crested Fireback is split into Bornean and Malayan Crested Fireback, plus Sabah Partridge is split from Chestnut-necklaced Partridge. In version 13.2 the Ventriloquial Oriole is split from Dark-throated Oriole and in 14.1 several babblers. There are now c **70** species endemic to Borneo, including Dusky Munia, although it also breeds on the tiny island of Mapun, Philippines.

Recommended Literature & Sound Recordings

As a field guide we used the Birds of Borneo by Susan Meyers, which was very useful. Several trip reports can be found at www.cloudbirders.com and www.birdtours.co.uk. A good article about the rediscovery of the Dulit Frogmouth can be found in [Forktail 22 \(2014\): 60-66](#).

To get the best sound recordings we used the well-known sites of [Xeno-Canto](#), [AVoCet](#) and the [Macaulay Library](#).

Acknowledgements

We would like to thank Sang Sigar and his wife Julian for taking care of us in their nice homestay. Yeo Siew Teck for guiding us in Payeh Maga and Klias. The people from Long Tuyo for providing porters and entrance to Payeh Maga. Napoleon Dimus (aka Paul) for guiding us in Danum Valley. Mike Nelson, James Eaton and Rob Hutchinson for the latest gen and on advice on ID of several observations. And finally again our dear [Wags](#) for taking care of the homefront!

[Arjan Brenkman](#), Culemborg May 2016,

[Jan van der Laan](#), Alkmaar May 2016.



Rainforest as seen from the plane, between Lawas and Ba'kelalan, Sarawak, 30 April 2016; © Jan van der Laan.





The Twin Otter that brought us to Ba'kelalan. 30 April 2016, Miri, Sarawak; © Jan van der Laan.



Left: seconds before touch-down: seen from the cockpit. Right: Ba'kelalan Airport, Sarawak, 30 April 2016; © Jan van der Laan.



The Juliasang Homestay in Ba'kelalan, Sarawak, where we stayed two nights; © Tripadvisor.





Left: Long-tailed Broadbill; right: Bornean Leafbird, 30 April 2016, Bario-Ba'kelalan Road, Sarawak; © Jan van der Laan.



Dulit Frogmouth while calling, 30 April 2016, Ba'kelalan, Sarawak; © Jan van der Laan. Note the uniform inner web of the primaries. In [Bing Wen Low et al 2014](#) it was stated that "...Plate 9. Undersides of primaries: extensively barred on Large (top), less so on Dulit (bottom)...." The same apparently is true for the upperside of the primaries. Compare with our Large Frogmouth here on page 16.



Left and right: Dulit Frogmouth, 30 April 2016, Ba'kelalan, Sarawak. Note the black spots on the scapulars and the hexagonal white spots on the greater coverts; © Jan van der Laan.



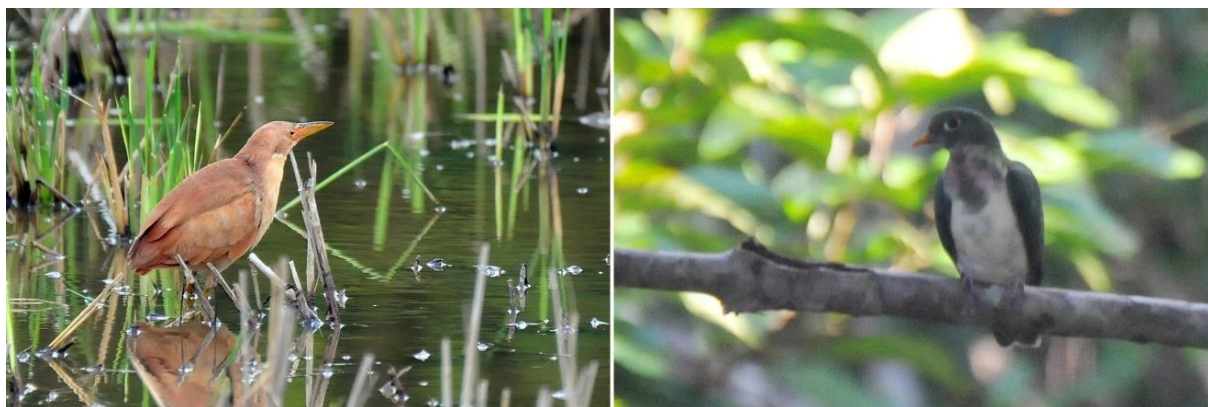


The place where most birders go for Whitehead's Spiderhunter, Bario-Ba'kelalan Road, Sarawak, 1 May 2016; © Jan van der Laan.



Primary forest, Bario-Ba'kelalan Road, Sarawak, 1 May 2016; © Jan van der Laan.

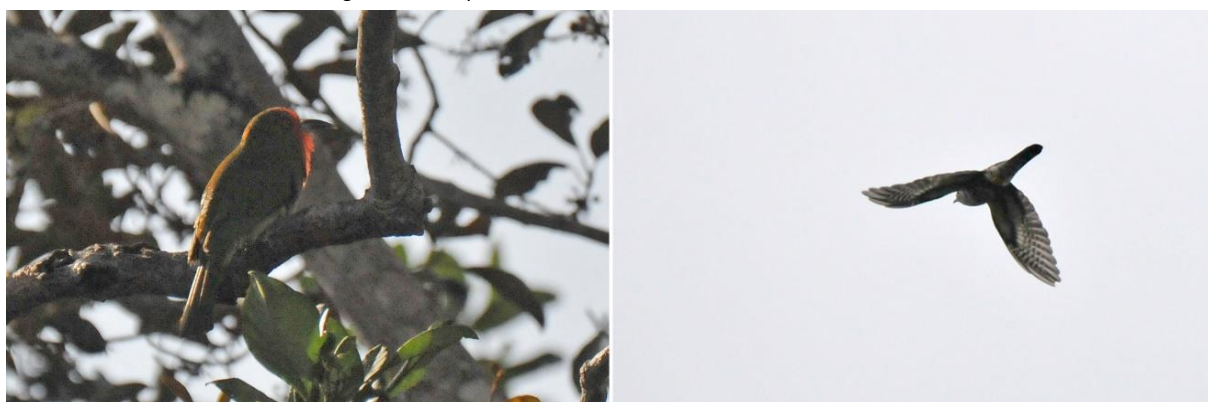




Left: Cinnamon Bittern, 1 May 2016, Ba'kelalan, Sarawak; © Jan van der Laan; right: young male Jambu Fruit-Dove, one of our best finds this holiday! 1 May 2016, Ba'kelalan-Bario Road, Sarawak; © Arjan Brenkman.



Bornean Frogmouth, 2 May 2016, Ba'kelalan-Bario Road, Sarawak; © Jan van der Laan.



Left: Red-bearded Bee-eater, 1 May 2016, Ba'kelalan-Bario Road, Sarawak; © Arjan Brenkman; right: Indian Cuckoo, 2 May 2016, Ba'kelalan-Bario Road, Sarawak; © Jan van der Laan.





Arjan in front of the Payeh Maga Lodge; 4 May 2016, Sarawak; © Jan van der Laan.



Left: Rufous-winged Philentoma, 2 May 2016, Payeh Maga, Sarawak; right: Black Oriole at first light, 3 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.



Left: Scarlet-rumped Trogon, 3 May 2016, Payeh Maga, Sarawak; right: Bornean Banded Kingfisher ssp. *melanops*, note the black around the eye, 3 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.





Left: Juvenile Maroon-breasted Philentoma, note the rufous body feathers, typical for young birds; right: a pair of Mountain Serpent-Eagle; 3 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.



The same pair of Mountain Serpent-Eagles; 3 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.



Left: Oriental Honey-Buzzard, 3 May 2016, Payeh Maga, Sarawak; right: Finsch's Bulbul, 4 May 2016 Payeh Maga; © Jan van der Laan.



Left: Hook-billed Bulbul; right: Red-crowned Barbet taking off; both 5 May 2016, Klias Peat Swamp NR, Sabah; © Jan van der Laan.





Left: Black-and-yellow Broadbill; right: Blue-crowned Hanging-Parrot; 5 May 2016, Klias Peat Swamp NR, Sabah; © Jan van der Laan.



Left: White-crowned Shama; right: Bornean Crested Fireback; 5 May 2016, Bornean Rainforest Lodge, Sabah; © Jan van der Laan.

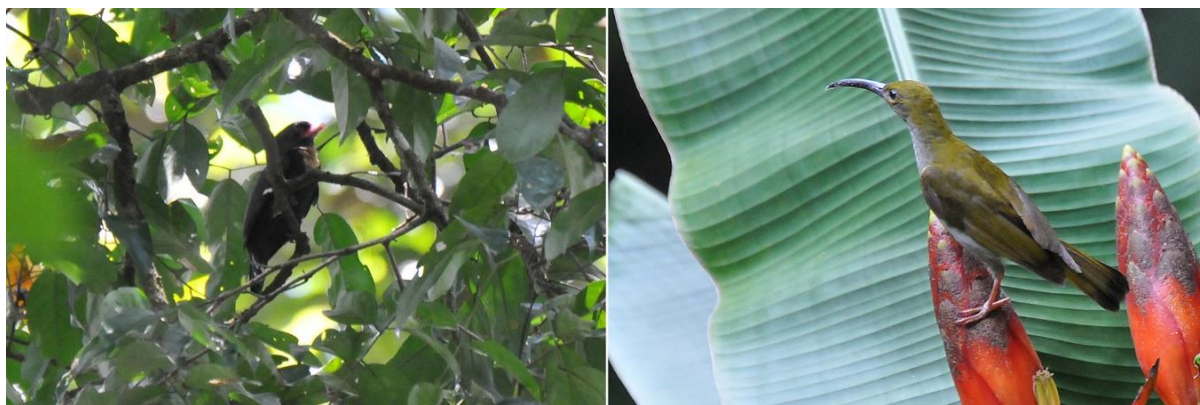


Left: Diard's Trogon, 6 May 2016, Takala Trail, Borneo Rainforest Lodge, Sabah; right: Brown Wood Owl, 5 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.



Left and right: Bornean Bristleheads, 6 May 2016, Hornbill Trail, Bornean Rainforest Lodge, Sabah; © Jan van der Laan.





Left: Dusky Broadbill; right Bornean Spiderhunter, both on 6 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.



Large Frogmouth, just before it was chased away by a Brown Wood Owl; note the triangle-shaped white spots of the greater coverts; 6 May 2016 Borneo Rainforest Lodge, Sabah; © Arjan Brenkman (from video footage).

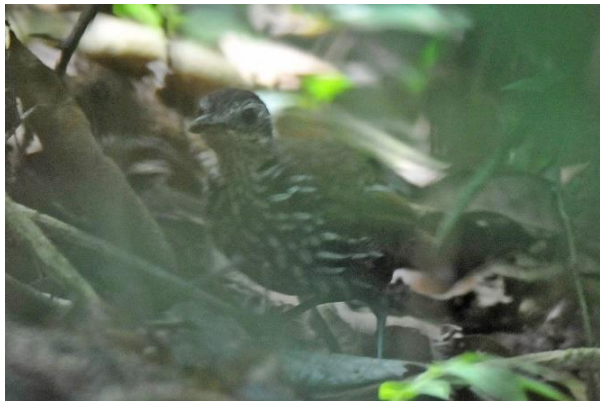


Left: Black-crowned Pitta, preening, 7 May 2016, Borneo Rainforest Lodge, Sabah; right Bornean Banded Pitta, 7 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.





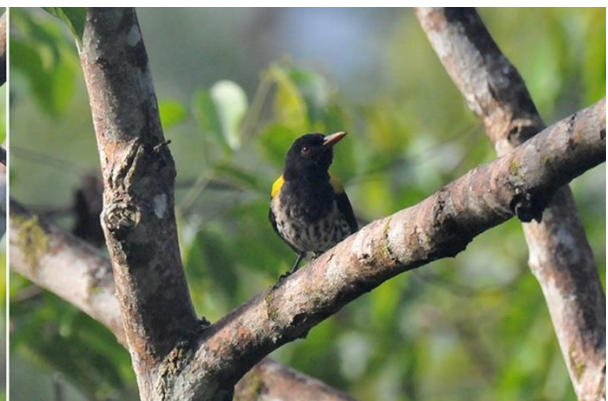
Left: Bornean Banded Pitta; right: Bornean Wren-Babbler, both on 7 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.



Left and right: Bornean Wren Babbler when crossing the trail, 7 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.



Left and right: Blyth's Frogmouth, 7 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.



The newly split Ventriloquial Oriole; 8 May 2016, Canopy Tower, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.





Arjan checking the sunbirds during a lunch break at the Bornean Rainforest Lodge, Sabah; © Jan van der Laan.



View from the restaurant of the Bornean Rainforest Lodge, Sabah; © Jan van der Laan.



A 7-8 feet tall Water Monitor Lizard resting in the stream; 7 May 2016, Borneo Rainforest Lodge, Sabah; © Jan van der Laan.





001. **RED-BREASTED PARTRIDGE** - *Arborophila hyperythra*
01-05 1-2 (heard-only) Ba'kelalan-Bario Road, Sarawak.
002. **BORNEAN CRESTED FIREBACK** - *Lophura ignita nobilis*
05-05 3 Entrance road of Borneo Rainforest Lodge, Sabah.
06-05 2 behind our cabin, Borneo Rainforest Lodge, Sabah.
07-05 7 at the start of the Hornbill Trail, Borneo Rainforest Lodge, Sabah.
003. **Great Argus** - *Argusianus argus grayi*
06-05 1 (heard only) Borneo Rainforest Lodge, Sabah.
07-05 1 (heard only, another than 6 May) Borneo Rainforest Lodge, Sabah.
004. **SABAH PARTRIDGE** - *Tropicoperdix charltonii*
06-05 1 Hornbill trail, Borneo Rainforest Lodge, Sabah.
07-05 2-3 several heard along various trails, Borneo Rainforest Lodge, Sabah.
Seen well when we lured it to cross the trail. Nice bird.
005. **Large-tailed Nightjar** - *Caprimulgus macrurus salvadorii*
04-05 1 (heard only) Klias Peat Swamp NR, Sabah.
006. **Large Frogmouth** - *Batrachostomus auritus*
06-05 1 Segama Trail, Borneo Rainforest Lodge, Sabah.
The bird was very responsive and landed in a tree c 5 meters above our heads. Next it was chased away by a very aggressive Brown Wood Owl.
007. **DULIT FROGMOUTH** - *Batrachostomus harterti*
30-04 1 northwest of Ba'kelalan, Sarawak.
One of our target birds. We visited three of Sang's favorite places, but no bird responded. Then we visited the place Rob Hutchinson's group had photographed a bird back in March. We played the tape once and it responded. Nothing happened for about 10 very long minutes. Then a dark shadow crossed the road and sat above us. We put the torch on it and it stayed all the time. We could film it and even made [footage](#) of the bird doing two different call-types!
008. **BORNEAN FROGMOUTH** - *Batrachostomus mixtus*
02-05 1 (seen) Ba'kelalan-Bario Road, Sarawak.
 3 (heard only) Payeh Maga, Sarawak.
03-05 3 (1 seen) Payeh Maga, Sarawak.
04-05 2 (1 heard only) Payeh Maga, Sarawak.
009. **Blyth's Frogmouth** - *Batrachostomus affinus affinus*
07-05 1 (male seen well) [northeast](#) of the Borneo Rainforest Lodge, Sabah.
010. **Sunda Frogmouth** - *Batrachostomus cornutus cornutus*
04-05 2 (heard only) Klias Peat Swamp NR, Sabah.
011. **Grey-rumped Treeswift** - *Hemiprocne longipennis harterti*
30-04 2 Ba'kelalan-Bario Road, Sarawak.



**012. Whiskered Treeswift** - *Hemiprocne comata comata*

| | | |
|-------|-----|---------------------------------|
| 01-05 | c 5 | Ba'kelalan-Bario Road, Sarawak. |
| 02-05 | 2 | Ba'kelalan-Bario Road, Sarawak. |
| 03-05 | 2-3 | Payeh Maga, Sarawak. |
| 06-05 | c 5 | Borneo Rainforest Lodge, Sabah. |
| 07-05 | 3 | Borneo Rainforest Lodge, Sabah. |
| 08-05 | 2 | Borneo Rainforest Lodge, Sabah. |

013. Plume-toed Swiftlet - *Collocalia affinis cyanoptila*

Common at the Borneo Rainforest Lodge, Sabah with up to c 20 birds seen daily.

--. Mossy-nest / Black-nest Swiftlet - *Aerodramus salangana /maximus*

The all black swiftlets at Ba'kelalan and Payeh Maga are either Black-nest or Mossy-nest Swiftlets.

014. Germain's Swiftlet - *Aerodramus germani germani*

| | | |
|-------|------|----------------|
| 30-04 | c 10 | Miri, Sarawak. |
|-------|------|----------------|

015. Silver-backed Needletail - *Hirundapus cochinchinensis*

| | | |
|-------|---|----------------------|
| 03-05 | 2 | Payeh Maga, Sarawak. |
| 04-05 | 2 | Payeh Maga, Sarawak. |

Seen daily at the Bornean Rainforest Lodge, with 2-3 birds seen a day.

016. Brown-backed Needletail - *Hirundapus giganteus giganteus*

| | | |
|-------|---|---------------------------------|
| 30-04 | 1 | Ba'kelalan-Bario Road, Sarawak. |
|-------|---|---------------------------------|

017. Asian Palm Swift - *Cypsiurus balasiensis infumatus*

| | | |
|-------|------|-----------------------------|
| 05-05 | c 10 | Klias Peat Swamp NR, Sabah. |
|-------|------|-----------------------------|

018. House Swift - *Apus nipalensis subfurcatus*

| | | |
|-------|---|----------------|
| 30-04 | 3 | Miri, Sarawak. |
|-------|---|----------------|

019. Greater Coucal - *Centropus sinensis bubutus*

| | | |
|-------|---|--|
| 01-05 | 2 | rice fields just south of Ba'kelalan, Sarawak. |
| 02-05 | 1 | just north of Ba'kelalan, Sarawak. |
| 07-05 | 2 | Borneo Rainforest Lodge, Sabah. |
| 08-05 | 1 | Borneo Rainforest Lodge, Sabah. |

020. Lesser Coucal - *Centropus bengalensis javanensis*

| | | |
|-------|---|--|
| 02-05 | 1 | seen from the car between Ba'kelalan and Long Tuyo, Sarawak. |
| 04-05 | 1 | seen from the car between Long Tuyo and Lawas, Sarawak. |

021. BORNEAN GROUND CUCKOO - *Carpococcyx radiceus*

| | | |
|-------|---|----------------------------------|
| 06-05 | 2 | Bornean Rainforest Lodge, Sabah. |
|-------|---|----------------------------------|

Well seen in an oxbow near the lodge. We saw them while we hid ourselves on the opposite site of the river. The birds were low in the trees on the branches overhanging the river shore. The absence of records in trip records is mainly caused by the fact that birders already have seen it in the Kinabatangan River and do not spent time to find it here.





022. **Raffles's Malkoha** - *Rhinortha chlorophaea*
07-05 1 (female) trees before restaurant of the Borneo Rainforest Lodge, Sabah.
023. **Red-billed Malkoha** - *Zanclostomus javanicus pallidus*
30-04 2 Ba'kelalan-Bario Road, Sarawak.
02-05 2 at 1240 asl, Ba'kelalan-Bario Road, Sarawak.
024. **Chestnut-breasted Malkoha** - *Phaenicophaeus curvirostris microrhinus*
02-05 1 Payeh Maga, Sarawak.
03-05 1 Payeh Maga, Sarawak.
025. **Black-bellied Malkoha** - *Phaenicophaeus diardi borneensis*
01-05 1 Ba'kelalan-Bario Road, Sarawak.
02-05 1 Payeh Maga, Sarawak.
04-05 1 Payeh Maga, Sarawak.
026. **Plaintive Cuckoo** - *Cacomantis merulinus threnodes*
30-04 c 5 (heard only) Ba'kelalan-Bario Road, Sarawak.
02-05 1-2 (heard only) Ba'kelalan-Bario Road, Sarawak.
07-05 1 in front of the Bornean Rainforest Lodge, Sabah.
027. **Square-tailed Drongo-Cuckoo** - *Surniculus lugubris brachyurus*
02-05 1-2 (heard only) Payeh Maga, Sarawak.
03-05 1-2 (heard only) Payeh Maga, Sarawak.
04-05 1-2 (heard only) Payeh Maga, Sarawak.
Heard daily around the Bornean Rainforest Lodge, Sabah, with c 2-3 birds each day.
028. **Moustached Hawk-Cuckoo** - *Hierococcyx vagans*
06-05 1 (heard only) Hornbill trail, Borneo Rainforest Lodge, Sabah.
07-05 1 Seraya Trail, Borneo Rainforest Lodge, Sabah.
029. **Indian Cuckoo** - *Cuculus micropterus concretus*
30-04 c 5 (heard only) Ba'kelalan-Bario Road, Sarawak.
01-05 c 5 (heard only) Ba'kelalan-Bario Road, Sarawak.
02-05 2 (1 seen, 1 heard only) Ba'kelalan-Bario Road, Sarawak.
030. **Sunda Cuckoo** - *Cuculus lepidus*
30-04 c 5 (heard only) Ba'kelalan-Bario Road, Sarawak.
01-05 8 (heard only) Ba'kelalan-Bario Road, Sarawak.
02-05 c 5 (heard only) Ba'kelalan-Bario Road, Sarawak.
031. **Spotted Dove** - *Spilopelia chinensis tigrina*
Regularly observed along road sites and forest edges.
032. **Philippine Cuckoo-Dove** - *Macropygia tenuirostris borneensis*
30-04 4 Ba'kelalan-Bario Road, Sarawak.
01-05 2 Ba'kelalan-Bario Road, Sarawak.
02-05 2 Ba'kelalan-Bario Road, Sarawak.





033. **Little Cuckoo-Dove** - *Macropygia ruficeps nana*
- | | | |
|-------|------|---------------------------------|
| 30-04 | c 5 | Ba'kelalan-Bario Road, Sarawak. |
| 01-05 | c 10 | Ba'kelalan-Bario Road, Sarawak. |
| 02-05 | c 5 | Ba'kelalan-Bario Road, Sarawak. |
| | c 5 | Payeh Maga, Sarawak |
| 03-05 | c 10 | Payeh Maga, Sarawak. |
| 03-05 | c 5 | Payeh Maga, Sarawak. |
034. **Zebra Dove** - *Geopelia striata*
- | | | |
|-------|---|--------------------|
| 05-05 | 1 | Lahad Datu, Sabah. |
|-------|---|--------------------|
035. **Pink-necked Green Pigeon** - *Treron vernans*
- | | | |
|-------|------|---------------------------------|
| 01-05 | c 10 | Ba'kelalan-Bario Road, Sarawak. |
| 02-05 | c 5 | Ba'kelalan-Bario Road, Sarawak. |
036. **Thick-billed Green Pigeon** - *Treron curvirostra nasica*
- | | | |
|-------|---|--|
| 08-05 | 5 | (3 males, 2 females) Canopy Walkway, Borneo Rainforest Lodge, Sabah. |
|-------|---|--|
037. **Jambu Fruit Dove** - *Ptilinopus jambu*
- | | | |
|-------|---|---|
| 01-05 | 1 | (young male) Ba'kelalan-Bario Road , Sarawak. |
|-------|---|---|
- A very good find of this nomadic species.
038. **Green Imperial Pigeon** - *Ducula aenea polia*
- | | | |
|-------|---|---|
| 06-05 | 2 | Entrance Road, Bornean Rainforest Lodge, Sabah. |
| 08-05 | 1 | (heard only) Borneo Rainforest Lodge, Sabah. |
039. **Mountain Imperial Pigeon** - *Ducula badia badia*
- | | | |
|-------|---|---------------------------------|
| 01-05 | 2 | Ba'kelalan-Bario Road, Sarawak. |
|-------|---|---------------------------------|
040. **Common Moorhen** - *Gallinula chloropus orientalis*
- | | | |
|-------|-----|--|
| 01-05 | c 5 | rice fields just south of Ba'kelalan, Sarawak. |
| 02-05 | 2 | rice fields just south of Ba'kelalan, Sarawak. |
041. **White-breasted Waterhen** - *Amaurornis phoenicurus phoenicurus*
- | | | |
|-------|---|--|
| 01-05 | 8 | rice fields just south of Ba'kelalan, Sarawak. |
| 02-05 | 4 | rice fields just south of Ba'kelalan, Sarawak. |
042. **Greater Painted-snipe** - *Rostratula benghalensis*
- | | | |
|-------|---|--|
| 01-05 | 1 | (displaying female!) in rice fields just south of Ba'kelalan, Sarawak. |
| | 3 | (male & young, rice field opposite airstrip, Ba'kelalan, Sarawak. |
043. **Oriental Darter** - *Anhinga melanogaster*
- | | | |
|-------|---|---|
| 07-05 | 2 | in the Sungai Segama river, Borneo Rainforest Lodge, Sabah. |
|-------|---|---|
044. **Cinnamon Bittern** - *Ixobrychus cinnamomeus*
- | | | |
|-------|---|--|
| 30-04 | 1 | rice fields just south of Ba'kelalan, Sarawak. |
| 01-05 | 3 | rice fields just south of Ba'kelalan, Sarawak. |





045. **Black Bittern** - *Ixobrychus flavicollis flavicollis*
01-05 1 rice fields just south of Ba'kelalan, Sarawak.
046. **Eastern Cattle Egret** - *Bubulcus coromandus*
Common in Sarawak and Sabah.
047. **Grey Heron** - *Ardea cinerea jouyi*
01-05 1 rice fields just south of Ba'kelalan, Sarawak.
048. **Great-billed Heron** - *Ardea sumatrana*
07-05 1 in the Sungai Segama river, Borneo Rainforest Lodge, Sabah.
08-05 1 (probably the same) in front of the Borneo Rainforest Lodge, Sabah.
049. **Purple Heron** - *Ardea purpurea manilensis*
08-05 1 Kota Kinabalu Airport, Sabah.
050. **Great Egret** - *Ardea alba modesta*
Regularly seen in Sarawak and Sabah.
051. **Medium (Intermediate) Egret** - *Ardea intermedia*
01-05 8 rice fields just south of Ba'kelalan, Sarawak.
02-05 2 rice fields just south of Ba'kelalan, Sarawak.
05-05 4 between Klias Peat Swamp NR and Kota Kinabalu, Sabah.
052. **Little Egret** - *Egretta garzetta nigripes*
01-05 c 10 rice fields just south of Ba'kelalan, Sarawak.
02-05 c 5 rice fields just south of Ba'kelalan, Sarawak.
053. **Black-winged Kite** - *Elanus caeruleus hypoleucos*
08-05 1 Lahad Datu, Sabah.
054. **Crested Honey Buzzard** - *Pernis ptilorhynchus torquatus*
03-05 1 Payeh Maga, Sarawak.
This bird mimicked a dark Blyth's Hawk-Eagle, being completely dark.
055. **Jerdon's Baza** - *Aviceda jerdoni borneensis*
08-05 1 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
056. **MOUNTAIN SERPENT EAGLE** - *Spilornis kinabaluensis*
03-05 2 (or cheela?) Payeh Maga, Sarawak.
04-05 1 (call was however more reminiscent of *S. cheela*) Payeh Maga, Sarawak.
Only on the photographs we could see the throat and cheeks were all black. A compilation of all three birds can be seen [here](#) and [here](#).
057. **Changeable Hawk-Eagle** - *Nisaetus cirrhatus limnaeetus*
08-05 2 (perched) between the Borneo Rainforest Lodge and Lahad Datu, Sabah.
058. **Blyth's Hawk-Eagle** - *Nisaetus alboniger*
04-05 1 Payeh Maga, Sarawak.





059. **Black Eagle** - *Ictinaetus malaiensis malaiensis*
 01-05 1 Ba'kelalan-Bario Road, Sarawak.
 07-05 1 above the Bornean Rainforest Lodge, Sabah. Also on 8 May.
060. **Oriental Bay Owl** - *Phodilus badius badius*
 30-04 1 (heard only) northwest of Ba'kelalan, Sarawak.
 04-05 1 (heard only, most probably this species) Payeh Maga, Sarawak.
061. **Sunda Scops Owl** - *Otus lempiji lemurum*
 30-04 2 (heard only) during search of the Dulit Frogmouth, Ba'kelalan, Sarawak.
 04-05 2 (heard only) Payeh Maga, Sarawak.
062. **Barred Eagle-Owl** - *Ketupa sumatranus tenuifasciatus*
 30-04 1 (heard only) northwest of Ba'kelalan, Sarawak.
 05-05 1 (heard only) during night drive, Borneo Rainforest Lodge, Sabah.
063. **Brown Wood Owl** - *Strix leptogrammica vaga*
 05-05 1 (heard only) during night drive, Borneo Rainforest Lodge, Sabah.
 2 (seen well) behind the staff houses, Borneo Rainforest Lodge, Sabah.
 06-05 1 (beating Large Frogmouth) Segama Trail, Borneo Rainforest Lodge, Sabah.
064. **Red-naped Trogon** - *Harpactes kasumba impavidus*
 03-05 1 Payeh Maga, Sarawak.
065. **Diard's Trogon** - *Harpactes diardii diardii*
 03-05 1 (heard only) Payeh Maga, Sarawak.
 06-05 1 Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 07-05 2 (pair) Coffin Trail, Borneo Rainforest Lodge, Sabah.
066. **Cinnamon-rumped Trogon** - *Harpactes orrhophaeus vidua*
 06-05 1 (female) Belian Trail, Borneo Rainforest Lodge, Sabah.
067. **Scarlet-rumped Trogon** - *Harpactes duvaucelii*
 02-05 3 (pair plus immature male) Payeh Maga, Sarawak.
 03-05 1 (heard only) Payeh Maga, Sarawak.
 06-05 2 (heard only) Borneo Rainforest Lodge, Sabah.
 07-05 1 (female) Borneo Rainforest Lodge, Sabah.
068. **Orange-breasted Trogon** - *Harpactes oreskios dulitensis*
 04-05 1 Payeh Maga, Sarawak.
069. **White-crowned Hornbill** - *Berenicornis comatus*
 08-05 2-3 heard at distance from Hornbill trail, Borneo Rainforest Lodge, Sabah.
070. **Rhinoceros Hornbill** - *Buceros rhinoceros borneoensis*
 03-05 1 Payeh Maga, Sarawak.
 04-05 1 Payeh Maga, Sarawak.
 06-05 2 Borneo Rainforest Lodge, Sabah.





- 07-05 c 5 (2 seen plus several heard only) Borneo Rainforest Lodge, Sabah.
08-05 2 Borneo Rainforest Lodge, Sabah.
071. **Helmeted Hornbill** - *Rhinoplax vigil*
02-05 1 (heard only) Payeh Maga, Sarawak.
03-05 2 Payeh Maga, Sarawak.
06-05 1 Borneo Rainforest Lodge, Sabah.
07-05 2 (heard only) Seraya and Hornbill trails, Borneo Rainforest Lodge, Sabah.
072. **Black Hornbill** - *Anthracoseros malayanus*
02-05 1 (heard calling) start of the Payeh Maga trail, Sarawak.
05-05 1 at the river crossing, east of the Borneo Rainforest Lodge, Sabah.
08-05 2 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
073. **Bushy-crested Hornbill** - *Anorrhinus galeritus*
07-05 3 Seraya Trail, Borneo Rainforest Lodge, Sabah.
08-05 1 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
074. **Banded Kingfisher** - *Lacedo pulchella melanops*
02-05 1 (heard calling) Payeh Maga, Sarawak.
03-05 1 Payeh Maga, Sarawak.
06-05 1 Segama Trail, Borneo Rainforest Lodge, Sabah.
The Bornean subspecies *melanops* has a black face mask.
075. **Stork-billed Kingfisher** - *Pelargopsis capensis innominata*
06-05 1 Segama Trail, Borneo Rainforest Lodge, Sabah.
07-05 1 in front of Borneo Rainforest Lodge, Sabah.
076. **Ruddy Kingfisher** - *Halcyon coromanda minor*
06-05 1 (Jan only) Segama Trail, Borneo Rainforest Lodge, Sabah.
077. **Blue-eared Kingfisher** - *Alcedo meninting meninting*
06-05 1 Segama Trail, Borneo Rainforest Lodge, Sabah.
078. **Oriental Dwarf Kingfisher** - *Ceyx erithaca motleyi*
08-05 1 start of Segama Trail, Borneo Rainforest Lodge, Sabah.
079. **Red-bearded Bee-eater** - *Nyctyornis amictus*.
01-05 1 Ba'kelalan-Bario Road, Sarawak.
080. **Blue-throated Bee-eater** - *Merops viridis viridis*
05-05 c 5 Between Beaufort and Kota Kinabalu, Sabah.
Between 5 and 8 May c 5 birds seen daily in front of the Bornean Rainforest Lodge, Sabah.
081. **Golden-whiskered Barbet** - *Psilopogon chrysopogon chrysopsis*
30-04 c 10 Ba'kelalan-Bario Road, Sarawak.
01-05 c 20 Ba'kelalan-Bario Road, Sarawak; also on 2 May.
02-05 1 Payeh Maga, Sarawak.
04-05 1 Klias Peat Swamp NR, Sabah.





082. **Red-crowned Barbet** - *Psilopogon rafflesii*
05-05 at least 1 Klias Peat Swamp NR, Sabah.
083. **Red-throated Barbet** - *Psilopogon mystacophanos mystacophanos*
04-05 1 lower part of the Payeh Maga trail, Sarawak.
084. **MOUNTAIN BARBET** - *Psilopogon Monticola*
30-04 c 10 Ba'kelalan-Bario Road, Sarawak.
01-05 c 20 Ba'kelalan-Bario Road, Sarawak.
02-05 c 10 Ba'kelalan-Bario Road, Sarawak.
02-05 1 Payeh Maga, Sarawak.
03-05 2 Payeh Maga, Sarawak.
085. **Yellow-crowned Barbet** - *Psilopogon henricii brachyrhynchus*
04-05 2-3 lower part of the Payeh Maga trail, Sarawak.
086. **Black-eared Barbet** - *Psilopogon duvaucelii duvaucelii*
04-05 1 Payeh Maga, Sarawak.
05-05 1 Entrance road, Borneo Rainforest Lodge, Sabah.
087. **BORNEAN BARBET** - *Psilopogon eximius eximius*
30-04 c 10 Ba'kelalan-Bario Road, Sarawak.
01-05 c 20 Ba'kelalan-Bario Road, Sarawak.
02-05 c 10 Ba'kelalan-Bario Road, Sarawak.
03-05 2 Payeh Maga, Sarawak.
04-05 1 Payeh Maga, Sarawak.
088. **BROWN BARBET** - *Caloramphus fuliginosus tertius*
05-05 2 Entrance Road, Borneo Rainforest Lodge, Sabah.
08-05 2 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
089. **Grey-and-buff Woodpecker** - *Hemicircus concretus sordidus*
07-05 1 (male) seen from the restaurant of the Borneo Rainforest Lodge, Sabah.
090. **White-bellied Woodpecker** - *Dryocopus javensis javensis*
05-05 1 Klias Peat Swamp NR, Sabah.
08-05 1 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
091. **Crimson-winged Woodpecker** - *Picus puniceus observandus*
03-05 2 (Arjan only) Payeh Maga, Sarawak.
08-05 1 (Arjan only) Canopy Walkway, Borneo Rainforest Lodge, Sabah.
092. **Olive-backed Woodpecker** - *Gecinulus rafflesii dulitensis*
03-05 1 Payeh Maga, Sarawak.
07-05 1 Seraya trail, Borneo Rainforest Lodge, Sabah.
08-05 1 at the start of Canopy Walkway, Borneo Rainforest Lodge, Sabah.
- No less than three birds is a good score for this rare Flameback. Note the change in genus name from *Dinopium* to *Gecinulus* following [Shakya et al. 2017](#).





105. **Black-and-yellow Broadbill** - *Eurylaimus ochromalus*
Daily (3-5 birds max) at Ba'kelalan, Payeh Maga, Klias Peat Swamp NR and the Bornean Rainforest Lodge.
106. **Green Broadbill** - *Calyptomena viridis viridis*
01-05 1 (heard only) Ba'kelalan-Bario Road, Sarawak.
107. **HOSE'S BROADBILL** - *Calyptomena hosii*
03-05 1 (male) Payeh Maga, Sarawak.
After a seven hours search we found a bird responding. Initially it was well hidden behind leaves, but after an hour wait it perched in full glory in front of us. One of the best birds we ever saw!
108. **WHITEHEAD'S BROADBILL** - *Calyptomena whiteheadi*
02-05 1 (female) [Ba'kelalan-Bario Road](#), Sarawak.
While waiting for the Blue-banded Pitta to respond, a beautiful female perched in a tree c 50 meter from us. After half a minute later it flew off, but that was long enough to see what a stunning bird it is!
109. **BORNEAN BANDED PITTA** - *Hydrornis schwaneri*
03-05 1 (heard only) Payeh Maga, Sarawak.
04-05 4 (1 seen briefly, 3 heard only) Payeh Maga, Sarawak.
07-05 2 (1 seen well) Borneo Rainforest Lodge, Sabah.
Especially the bird on 7 May was seen well, the bird on 4 May was very skulky.
110. **BLUE-HEADED PITTA** - *Hydrornis baudii*
06-05 4 (1 male seen, 3 heard only) Borneo Rainforest Lodge, Sabah.
07-05 2 (all heard only) Borneo Rainforest Lodge, Sabah.
On 6 May we managed to see one male singing from a log in a gully. Despite the bad light conditions we could observe it for quite some time. Especially the white throat and azure blue cap was very obvious.
111. **BLACK-CROWNED PITTA** - *Erythropitta ussheri*
05-05 2 (1 seen, 1 heard only) entrance road of Borneo Rainforest Lodge, Sabah.
06-05 2 (all heard only) Borneo Rainforest Lodge, Sabah.
07-05 3 (1 seen, 2 heard only) Borneo Rainforest Lodge, Sabah.
112. **BLUE-BANDED PITTA** - *Erythropitta arquata*
30-04 1 (heard only) Ba'kelalan-Bario Road, Sarawak.
02-05 1 (seen well) at the start of the trail to Payeh Maga, Sarawak.
While walking at the start of the Payeh Maga trail we heard the obvious whistling song of this species. We approached the bird and immediately saw it beneath us. For an hour or so we saw it with short intervals, sometimes peeking from behind a fern leaf or hopping from a log. Perfect bird!
113. **Western Hooded Pitta** - *Pitta sordida mulleri*
06-05 2-3 (all heard only) Borneo Rainforest Lodge, Sabah.
07-05 3 (all heard only) Borneo Rainforest Lodge, Sabah.
08-05 1 (heard only) Borneo Rainforest Lodge, Sabah.
114. **Golden-bellied Gerygone** - *Gerygone sulphurea sulphurea*
30-04 2 Ba'kelalan-Bario Road, Sarawak.
01-05 5 Ba'kelalan-Bario Road, Sarawak.





- 04-05 1 Payeh Maga, Sarawak.
115. **Large Woodshrike** - *Tephrodornis virgatus frenatus*
 04-05 1 Payeh Maga, Sarawak.
 08-05 2 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
116. **Rufous-winged Philentoma** - *Philentoma pyrhoptera pyrhoptera*
 02-05 1 Ba'kelalan-Bario Road, Sarawak.
 06-05 1 Nature trail, Borneo Rainforest Lodge, Sabah.
117. **Maroon-breasted Philentoma** - *Philentoma velata caesia*
 02-05 1 (heard only) at the start of the Payeh Maga trail, Sarawak.
 03-05 4 (pair with two young) Payeh Maga, Sarawak.
 04-05 2 Payeh Maga, Sarawak.
 07-05 2 (heard only) Coffin Trail, Borneo Rainforest Lodge, Sabah.
 08-05 1 (heard only) start of Canopy Walkway, Borneo Rainforest Lodge, Sabah.
 The juvenile bird had rufous body feathers, see photo on page 14.
118. **BORNEAN BRISTLEHEAD** - *Pityriasis gymnocephala*
 06-05 2 Hornbill trail, Borneo Rainforest Lodge, Sabah.
 One of the highlights of the holiday. First found by call and then seen perched high in a tree. In flight, the birds have white spots on the base of the outer 7 primaries.
119. **White-breasted Woodswallow** - *Artamus leucorhynchus leucorhynchus*
 Regularly observed in Sarawak and Sabah.
120. **Green Iora** - *Aegithina viridissima viridissima*
 03-05 2 Payeh Maga, Sarawak.
 Between 5 and 8 May, common along the Entrance Road, around our cabins and at the Canopy Walkway, Borneo Rainforest Lodge, Sabah.
121. **Fiery Minivet** – *Pericrocotus igneus igneus*
 08-05 4 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
122. **Scarlet Minivet** - *Pericrocotus speciosus insularis*
 30-04 2 Ba'kelalan-Bario Road, Sarawak.
 01-05 4 Ba'kelalan-Bario Road, Sarawak.
123. **Lesser Cuckooshrike** - *Lalage fimbriata schierbrandi*
 03-05 1 (female) Payeh Maga, Sarawak.
 08-05 1 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
124. **White-bellied Erpornis** - *Erpornis zantholeuca brunnescens*
 06-05 4 Belian Trail, Borneo Rainforest Lodge, Sabah.
125. **Black-and-crimson Oriole** - *Oriolus consanguineus vulneratus*
 30-04 1 Ba'kelalan-Bario Road, Sarawak.
 01-05 2 Ba'kelalan-Bario Road, Sarawak.





126. **BLACK ORIOLE** - *Oriolus hosii*
 03-05 3 Payeh Maga, Sarawak.
 04-05 4 Payeh Maga, Sarawak.
 The birds were only seen in a radius of 100 meters from the wooden lodge at 905 m above sea level.
127. **Ventriloquial Oriole** - *Oriolus consobrinus consobrinus*
 06-05 1 Nature Trail, Borneo Rainforest Lodge, Sabah.
 08-05 1 (male) Canopy Walkway, Borneo Rainforest Lodge, Sabah.
128. **Greater Racket-tailed Drongo** - *Dicrurus paradiseus brachyphorus*
 05-05 2 Klias Peat Swamp NR, Sabah.
129. **Hair-crested Drongo** - *Dicrurus hottentottus borneensis*
 01-05 1 Ba'kelalan-Bario Road, Sarawak.
130. **Ashy Drongo** - *Dicrurus leucophaeus stigmatops*
 30-04 c 5 Ba'kelalan-Bario Road, Sarawak.
 01-05 c 10 Ba'kelalan-Bario Road, Sarawak.
 02-05 2-3 Ba'kelalan-Bario Road, Sarawak.
131. **White-throated Fantail** - *Rhipidura albicollis sarawacensis*
 Several birds were seen at the higher elevations of Ba'kelalan, Sarawak between 30 April and 2 May.
132. **Malaysian Pied Fantail** - *Rhipidura javanica longicauda*
 Several birds were seen at the lower elevations of Ba'kelalan, Sarawak between 30 April and 2 May.
133. **Spotted Fantail** - *Rhipidura perlata*
 06-05 2 Nature Trail, Borneo Rainforest Lodge, Sabah, Borneo.
134. **Blyth's Paradise Flycatcher** - *Terpsiphone affinis borneensis*
 06-05 1 Belian Trail, Borneo Rainforest Lodge, Sabah.
 07-05 2 first part of the Coffin Tail, Borneo Rainforest Lodge, Sabah.
135. **Crested Jayshrike** - *Platylophus galericulatus*
 03-05 2 (*ssp coronatus*) Payeh Maga, Sarawak.
 07-05 2 (*ssp lemprieri*) Hornbill trail, Borneo Rainforest Lodge, Sabah.
 08-05 1 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
136. **BORNEAN TREEPIE** - *Dendrocitta cinerascens*
 Common in Sarawak at Ba'kelalan and Payeh Maga, with up to 10 birds seen daily.
137. **Slender-billed Crow** - *Corvus enca compiler*
 Regularly seen along roadsides in both Sarawak and Sabah.
138. **Grey-headed Canary-flycatcher** - *Culicicapa ceylonensis antioxantha*
 02-05 2 Payeh Maga, Sarawak.
 03-05 c 5 Payeh Maga, Sarawak.
 04-05 2-3 Payeh Maga, Sarawak.
 07-05 1 Coffin Trail, Borneo Rainforest Lodge, Sabah.





177. **BLACK-THROATED WREN-BABBLER** - *Turdinus atrigularis*
 06-05 1 (heard only) Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 1 Belian Trail/East Trail, Borneo Rainforest Lodge, Sabah.
 A harsh battle with this shy species resulted finally in good but short views.
178. **Sooty-capped Babbler** - *Malacopteron affine*
 06-05 c 5 Nature Trail, Borneo Rainforest Lodge, Sabah.
179. **Grey-breasted Babbler** - *Malacopteron albogulare moulti*
 05-05 2 (seen well during daybreak) Klias Peat Swamp NR, Sabah.
180. **Scaly-crowned Babbler** - *Malacopteron cinereum*
 06-05 4 Nature Trail, Borneo Rainforest Lodge, Sabah.
 07-05 c 5 Hornbill Trail, Borneo Rainforest Lodge, Sabah.
181. **Rufous-crowned Babbler** - *Malacopteron magnum saba*
 07-05 3 Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 08-05 2-3 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
182. **Moustached Babbler** - *Malacopteron magnirostre cinereocapilla*
 06-05 2 Belian Trail during afternoon walk, Borneo Rainforest Lodge, Sabah.
 07-05 5-8 various trails including Seraya trail, Borneo Rainforest Lodge, Sabah.
183. **BORNEAN BLACK-CAPPED BABBLER** - *Pellorneum capistratoides*
 06-05 2 Hornbill Trail, , Borneo Rainforest Lodge, Sabah.
 07-05 3 Coffin Trail, Borneo Rainforest Lodge, Sabah.
 4 (well seen) Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 Split from Javan Black-capped Babbler *P. capistratum*, following IOC version 11.2
184. **LEAFLITTER BABBLER** - *Pellorneum poliogene sordida*
 07-05 1 (heard only, singing loudly) Seraya Tail, Borneo Rainforest Lodge, Sabah.
 Split from Mourning Babbler (formerly Short-tailed Babbler) *P. malaccense*, following IOC version 14.1.
185. **Temminck's Babbler** - *Pellorneum pyrrogenys*
 03-05 2 (seen) Payeh Maga, Sarawak.
 04-05 1 (heard only) Payeh Maga, Sarawak.
186. **Striped Wren-Babbler** - *Kenopia striata*
 06-05 3 (foraging close without taking notice) Borneo Rainforest Lodge, Sabah.
 07-05 1 (heard only) Seraya Trail, Borneo Rainforest Lodge, Sabah.
187. **Horsfield's Babbler** - *Malacocincla sepiaria harterti*
 07-05 1-2 Coffin Trail, Borneo Rainforest Lodge, Sabah.
188. **BORNEAN WREN-BABBLER** - *Ptilocichla leucogrammica*
 07-05 1 Seraya Tail, Borneo Rainforest Lodge, Sabah.
 An all morning search finally resulted in one bird approaching us. One of the best birds of the holiday!





189. **Brown Fulvetta** - *Alcippe brunneicauda eriphaea*
 02-05 2 Payeh Maga, Sarawak
 03-05 c 5 Payeh Maga, Sarawak
 04-05 2 Payeh Maga, Sarawak
 Commonly heard and seen at the Borneo Rainforest Lodge, Sabah, between 5 and 8 May.
190. **CHESTNUT-HOODED LAUGHINGTHRUSH** - *Pterorhinus treacheri damnatus*
 30-04 6-8 Ba'kelalan-Bario Road, Sarawak.
 01-05 2 Ba'kelalan-Bario Road, Sarawak.
 02-05 1-2 Ba'kelalan-Bario Road, Sarawak.
 There was no sign of the Bare-headed Laughingthrush or Sunda Laughingthrush in Sarawak.
191. **Asian Fairy-bluebird** - *Irena puella crinigera*
 01-05 1 Ba'kelalan-Bario Road, Sarawak.
192. **Velvet-fronted Nuthatch** - *Sitta frontalis corallipes*
 05-05 1 Klias Peat Swamp NR, Sabah.
 08-05 1 (singing from the top of the highest tree) Canopy Walkway, Borneo
 Rainforest Lodge, Sabah.
193. **Asian Glossy Starling** - *Aplonis panayensis strigata*
 30 April c 10 between Miri central and Miri Airport, Sarawak.
194. **Common Hill Myna** - *Gracula religiosa religiosa*
 05-05 8 Klias Peat Swamp NR, Sabah.
195. **Javan Myna** - *Acridotheres javanicus*
 Introduced birds were seen at Kuala Lumpur, Miri and Kota Kinabalu Airports.
196. **Oriental Magpie-Robin** - *Copsychus saularis*
 01-05 2 (*ssp musicus*) Ba'kelalan-Bario Road, Sarawak.
 02-05 2 (*ssp musicus*) between Ba'kelalan and Long Tuyo, Sarawak.
 04-05 2-3 (*ssp musicus*) between Long Tuyo and Lawas, Sarawak.
 05-05 1 (*ssp adamsi*) Lahad Datu and the Bornean Rainforest Lodge, Sabah.
197. **Rufous-tailed Shama** - *Copsychus pyrropygus*
 05-05 2 (heard only) Seraya Trail, Borneo Rainforest Lodge, Sabah.
 06-05 1 (heard only) Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 08-05 4 (heard only) Entrance Road, Borneo Rainforest Lodge, Sabah.
198. **White-rumped Shama** - *Copsychus malabaricus sauis*
 02-05 1 at the start of the track to Payeh Maga, Sarawak.
 03-05 2 (heard only) Payeh Maga, Sarawak.
 04-05 1 (heard only) Payeh Maga, Sarawak.
199. **WHITE-CROWNED SHAMA** - *Copsychus stricklandii stricklandii*
 05-05 2 (one seen at close range) Borneo Rainforest Lodge, Sabah.
 06-05 c 5 Borneo Rainforest Lodge, Sabah. Also on 7 May.
 08-05 2-3 Borneo Rainforest Lodge, Sabah.





200. **White-tailed Flycatcher** - *Leucoptilon concretum everetti*
03-05 1 (male, well seen) Payeh Maga, Sarawak.
201. **Pale Blue Flycatcher** - *Cyornis unicolor harterti*
08-05 2 (male and female) Canopy Walkway, Borneo Rainforest Lodge, Sabah.
202. **DAYAK BLUE FLYCATCHER** - *Cyornis montanus*
03-05 1 (male, well seen) Payeh Maga, Sarawak.
04-05 1 Payeh Maga, Sarawak.
203. **Sunda Blue Flycatcher** - *Cyornis caerulatus caerulatus*
07-05 2 just after the Tolisai Bridge, Borneo Rainforest Lodge, Sabah.
 2 (during afternoon walk) Hornbill Trail, Borneo Rainforest Lodge, Sabah.
204. **BORNEAN BLUE FLYCATCHER** - *Cyornis superbus*
06-05 2 (pair) East Trail, Borneo Rainforest Lodge, Sabah.
07-05 1 (heard only) start of Seraya Trail, Borneo Rainforest Lodge, Sabah.
205. **Malaysian Blue Flycatcher** - *Cyornis turcosus turcosus*
06-05 1 (male) Segama Trail, Borneo Rainforest Lodge, Sabah.
206. **Verditer Flycatcher** - *Eumyias thalassinus thalassoides*
01-05 1 (male perched high in a tree) Ba'kelalan-Bario Road, Sarawak.
207. **Chestnut-naped Forktail** - *Enicurus ruficapillus*
02-05 1 Payeh Maga, Sarawak.
07-05 2 Borneo Rainforest Lodge, Sabah.
208. **Rufous-chested Flycatcher** - *Ficedula dumetoria muelleri*
04-05 1 (male, well seen) Payeh Maga, Sarawak.
06-05 1 (male) Borneo Rainforest Lodge, Sabah.
209. **Greater Green Leafbird** - *Chloropsis sonnerati zosterops*
03-05 2 (1 male singing, 1 female seen) Payeh Maga, Sarawak.
210. **Lesser Green Leafbird** - *Chloropsis cyanopogon cyanopogon*
06-05 1 (female) behind our cabin (no 9), Borneo Rainforest Lodge, Sabah.
08-05 1 (female) Canopy Walkway, Borneo Rainforest Lodge, Sabah.
211. **BORNEAN LEAFBIRD** - *Chloropsis kinabaluensis*
30-04 6-8 Ba'kelalan-Bario Road, Sarawak.
01-05 2 Ba'kelalan-Bario Road, Sarawak.
03-05 1 Payeh Maga, Sarawak.
212. **Yellow-breasted Flowerpecker** - *Prionochilus maculatus*
30-04 1 Ba'kelalan-Bario Road, Sarawak.
03-05 1 Payeh Maga, Sarawak.





213. **YELLOW-RUMPED FLOWERPECKER** - *Prionochilus xanthopygius*
Seen daily at Payeh Maga, Sarawak and around the Borneo Rainforest Lodge, Sabah, with daily totals of up to six birds. At the Rainforest Lodge easy to see in the flowering plants around the cabins.
214. **Scarlet-breasted Flowerpecker** - *Prionochilus thoracicus*
05-05 1 (female-type) Klias Peat Swamp NR, Sabah.
We had much trouble finding this flowerpecker and we had to leave at 9:00 hours to get the plane in time to Lahad Datu. In the end one bird responded to our desperate taping and flew in (a relatively large and thick flowerpecker), but it was chased away by a Crimson Sunbird almost instantly.
215. **Orange-bellied Flowerpecker** - *Dicaeum trigonostigma dayakanum*
30-04 2-3 Ba'kelalan-Bario Road, Sarawak.
03-05 1-2 Payeh Maga, Sarawak.
05-05 c 5 Klias Peat Swamp NR, Sabah.
06-05 2 behind our cabin (no 9), Borneo Rainforest Lodge, Sabah.
08-05 2-3 Canopy Walkway, Borneo Rainforest Lodge, Sabah.
216. **BLACK-SIDED FLOWERPECKER** - *Dicaeum monticolum*
01-05 1 (female) in roadside scrub along the Ba'kelalan-Bario Road, Sarawak.
Identified by the olive-brown upperparts, grey side of the head, white throat and yellowish rump and flanks.
217. **Ruby-cheeked Sunbird** - *Chalcoparia singalensis borneana*
03-05 2 (pair) Payeh Maga, Sarawak.
06-05 1 Borneo Rainforest Lodge, Sabah.
218. **Plain Sunbird** - *Anthreptes simplex*
02-05 2-3 Ba'kelalan-Bario Road, Sarawak.
05-05 c 5 Klias Peat Swamp NR, Sabah.
219. **Brown-throated Sunbird** - *Anthreptes malacensis malacensis*
05-05 2 Klias Peat Swamp NR, Sabah.
220. **Van Hasselt's Sunbird** - *Leptocoma brasiliana brasiliana*
07-05 1 (male; Jan only) at the Tolisai Bridge, Borneo Rainforest Lodge, Sabah.
221. **Ornate Sunbird** - *Cinnyris ornatus ornatus*
30-04 2 in the garden of the Imperial Hotel, Miri, Sarawak.
 2 In the village of Ba'kelalan, Sarawak.
01-05 2 In the village of Ba'kelalan, Sarawak.
Split from Olive-backed (now Garden) Sunbird *C. jugularis*, following IOC 14.1.
222. **Crimson Sunbird** – *Aethopyga siparaja siparaja*
05-05 1 (male chasing away the female Scarlet-breasted Flowerpecker) Klias Peat Swamp NR, Sabah.
223. **Temminck's Sunbird** - *Aethopyga temminckii*
02-05 1 (male) Payeh Maga, Sarawak.





224. **Purple-naped Spiderhunter** - *Kurochkinogramma hypogrammicum hypogrammicum*
 06-05 1 (Arjan only) East Trail, Borneo Rainforest Lodge, Sabah.
 07-05 1 (Arjan only) Hornbill Trail, Borneo Rainforest Lodge, Sabah.
 Note the name change (again) into Spiderhunter, following IOC 14.1.
225. **Little Spiderhunter** - *Arachnothera longirostra buettikoferi*
 06-05 1 at the entrance of the Borneo Rainforest Lodge, Sabah.
 07-05 2-4 always present around the cabins, Borneo Rainforest Lodge, Sabah.
 08-05 2-3 around the cabins, Borneo Rainforest Lodge, Sabah.
226. **Spectacled Spiderhunter** - *Arachnothera flavigaster*
 06-05 1 at the start of the Nature Trail, Borneo Rainforest Lodge, Sabah.
227. **Yellow-eared Spiderhunter** - *Arachnothera chrysogenys chrysogenys*
 03-05 2 Payeh Maga, Sarawak.
228. **BORNEAN SPIDERHUNTER** - *Arachnothera everetti*
 30-04 1 Ba'kelalan-Bario Road, Sarawak.
 02-05 1 Ba'kelalan-Bario Road, Sarawak.
 Common around the Bornean Rainforest Lodge, with c 5 birds seen daily feeding in the big red flowers. On 7 May we found one sleeping between the leaves opposite the reception area.
229. **Eurasian Tree Sparrow** - *Passer montanus malaccensis*
 Common in villages and along roadsides, seen daily in Sarawak and Sabah.
230. **Scaly-breasted Munia** - *Lonchura punctulata cabanisi*
 02-05 c 20 Ba'kelalan, Sarawak.
 A recent colonist from Sabah.
231. **DUSKY MUNIA** - *Lonchura fuscans*
 Common along roadsides, seen daily in Sarawak and Sabah.
232. **Chestnut Munia** - *Lonchura atricapilla jagori*
 Seen in and around Ba'kelalan, Sarawak, with up to 5 birds each day.



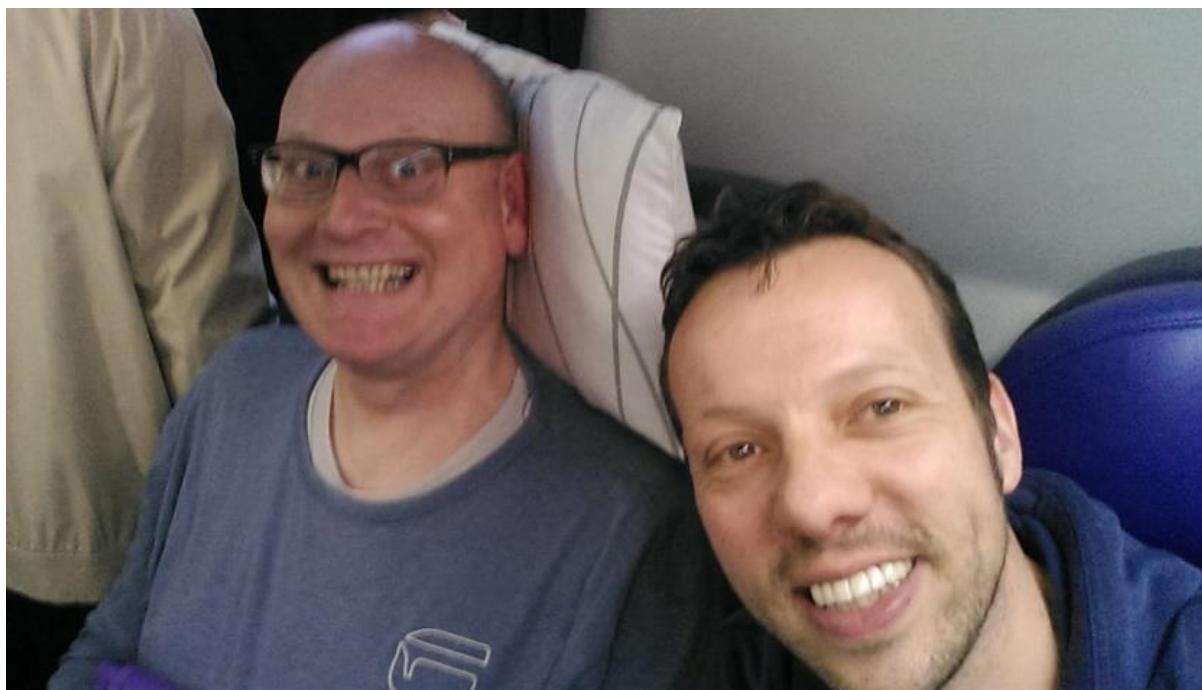


The elections gave a landslide result for the party of Ahmad Zahid Hamidi, who is the second from right. © Arjan Brenkman.



Sang Sigar, our host at Ba'kelalan; © Arjan Brenkman.





The Virtual Birders enjoying business class between Kuala Lumpur and Miri. © Arjan Brenkman.



Jan and Yeo testing new camouflage gear in order to find Bornean Banded Pitta quicker;
3 May 2016, Payeh Maga, Sarawak; © Arjan Brenkman.





List of mammals

01. **Western Tarsier** - *Cephalopachus bancanus*
Fantastic views along the Nature Trail the first evening at the Borneo Rainforest Lodge, Sabah. A lucky encounter as it is usually seen only 1-2 times a month.
02. **Hose's Langur** - *Presbytis hosei*
Twice a troop of 2-3 individuals at Payeh Maga, Sarawak.
03. **Maroon Langur** - *Presbytis chrysomelas*
A troop of at least 7 individuals daily around the Borneo Rainforest Lodge, Sabah.
04. **Long-tailed Macaque** - *Macaca fascicularis*
One in forest at the Bornean Banded Pitta gully at Payeh Maga, Sarawak.
05. **Orang Oetan** - *Pongo pygmaeus*
A female plus baby just off the Hornbill trail, the Borneo Rainforest Lodge, Sabah. Amazing primates.
06. **Bornean Gibbon** - *Hylobates muelleri*
Heard daily at Payeh Maga, Sarawak and Borneo Rainforest Lodge, Sabah, but two adults plus infant were seen once at Payeh Maga, Sarawak.
07. **Red Muntjac** - *Muntiacus muntjak*
One was seen in forest at Payeh Maga, Sarawak, just after we heard a pair of Bornean Banded Pitta's suggesting the Pitta's were following its trail.
08. **Bornean Yellow Muntjac** - *Muntiacus atherodes*
One along the Seraya trail, the Borneo Rainforest Lodge, Sabah.
09. **Sambar Deer** - *Rusa unicolor brookei*
Several each night coming to drink in the Segama river at the Borneo Rainforest Lodge, Sabah.
10. **Yellow-throated Marten** - *Martes flavigula*
One, possibly two, were seen along the roadside early morning along the Ba'kelalan-Bario road, Sarawak.
11. **Small-toothed Palm Civet** - *Arctogalidia trivirgata*
One on the boardwalk of the Klias Peat Swamp NR, Sabah.
12. **Malay Civet** - *Viverra zibetha*
Twice an encounter on the night drive at the Borneo Rainforest Lodge, Sabah.
13. **Prevost's Squirrel** - *Callosciurus prevostii pluto*
Daily at the Borneo Rainforest Lodge, Sabah.





14. Red Giant Flying Squirrel - Petaurista petaurista

7+ animals high in trees at night drive at the Borneo Rainforest Lodge, Sabah.

15. Black Flying Squirrel - Aeromys tephromelas

Seen twice on the night drive at the Borneo Rainforest Lodge, Sabah.

16. Plain Pygmy Squirrel - Exilisciurus exilis

Seen once at the Borneo Rainforest Lodge, Sabah.

17. Jentink's Squirrel - Sundasciurus jentinki

Several along the Ba'kelalan-Bario Road, Sarawak.

Several squirrels, tree shrews and numerous bats and fruit bats were noted and left unidentified.



Left: Western Tarsier, 5 May 2016; right: Orang Oetan, 8 May 2017, Bornean Rainforest Lodge, Sabah; © Jan van der Laan.



Left: Prevost's Squirrel, 7 May 2016, Borneo Rainforest Lodge, Sabah; right: Jentink's Squirrel, 2 May 2016, Ba'kelalan-Bario Road, Sarawak; © Jan van der Laan.





Butterflies and Dragonflies



Left: Rajah Brooke's Birdwing (*Trogonoptera brookiana*), 2 May 2016 Payeh Maga; © Arjan Brenkman; right: Jungle Jade Butterfly (*Papilio karna carnatus*), 4 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.



Branded Imperial (*Eooxylides tharis distanti*), 3 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.



Dragonflies species, 4 May 2016, Payeh Maga, Sarawak; © Jan van der Laan.

