

Blue-headed Pitta | Danum Valley



## BORNEO:

**BRISTLEHEADS,  
BROADBILLS, BARBETS,  
BULBULS, BEE-EATERS,  
BABBLERS,** AND EVEN SOME PITTAS

A Tropical Birding Set Departure

**June 14 – July 2, 2022**

Sarawak Pre-Trip: June 14-19

Main Tour: June 19-July 2

**Guides: Ken Behrens with**

Yeo Siew Teck (Sarawak)

Ali Osman bin Sahril (Danum)

Hazwan Suban (Sepilok to Crocker)

All photos by Ken Behrens

## TOUR SUMMARY

Borneo lies in one of the biologically richest areas on Earth – the Asian equivalent of Costa Rica or Ecuador. It holds many widespread Asian birds, plus a diverse set of birds that are restricted to the Sunda region (southern Thailand, peninsular Malaysia, Sumatra, Java, and Borneo), and dozens of its own endemic birds and mammals. For family listing birders, the Bornean Bristlehead, which makes up its own family, and is endemic to the island, is the top target. For most other visitors, Orangutan, the only great ape found in Asia, is the creature that they most want to see. But those two species just hint at the wonders held by this mysterious island, which is rich in bulbuls, babblers, treeshrews, squirrels, primates, kingfishers, hornbills, spiderhunters, pittas, and much more.

Although there has been rampant environmental destruction on Borneo, mainly due to the creation of oil palm plantations, there are still extensive forested areas left, and the Malaysian state of Sabah, at the northern end of the island, seems to be trying hard to preserve its biological

heritage. Ecotourism is a big part of this conservation effort, and Sabah has developed an excellent tourist infrastructure, with comfortable lodges, efficient transport companies, many protected areas, and decent roads and airports. So with good infrastructure, and remarkable biological diversity, including many marquee species like Orangutan, several pittas and a whole range of hornbills, Sabah stands out as one of the most attractive destinations on Earth for a travelling birder or naturalist. This trip also added a new pre-trip to Sarawak, which also holds some extensive wild areas, and adds chances at a mouth-watering suite of specialty birds which are unlikely or impossible in Sabah.



**Frogmouths were major targets on the Sarawak pre-trip. This is the smaller of the two species we saw: Bornean Frogmouth.**

This tour certainly demonstrated why Borneo is such a well-established and popular destination for travelling birders. On the bird front, we racked up 329 species, a very good total for this tour. Although the island's endemic birds are just one of many reasons to visit Borneo, we certainly did well on that front, tallying an even 50 endemics according to current Clements taxonomy, plus another score of taxa that are likely to be split in the future.

Some of the avian highlights were three species of partridge, Crested Fireback, endangered Storm's Stork, Lesser and Gray-headed Fish-Eagles, Red-legged Partridge, five species of Malkohas, two of the elusive hawk-cuckoos, the one-of-a-kind Rail-Babbler, Dulit, Bornean, Blyth's and Sunda Frogmouths, Oriental Bay-Owl, Gray-rumped and Whiskered Treeswifts, all three of the "Whitehead's Trio": Trogon, Broadbill, and Spiderhunter, all 8 of Borneo's hornbill species, including great views of Rhinoceros and White-crowned Hornbills,

Bornean Banded and Rufous-collared Kingfishers, the huge Great Slaty and White-bellied Woodpeckers, White-fronted and Black-thighed Falconets, Hose's, Black-and-red, Banded, and Black-and-yellow Broadbills, 5 species of pittas, all of which were seen superbly, great views of Bornean Bristlehead, Bornean Black Magpie, Crested Shrikejay, Black Oriole, Bornean, Scaly-breasted and Hook-billed Bulbuls, Dayak Blue-Flycatcher, Bornean, Striped, and Black-throated Wren-Babblers, Bare-headed Laughingthrush, Everett's Thrush, Scarlet-breasted Flowerpecker, and eight species of spiderhunters.

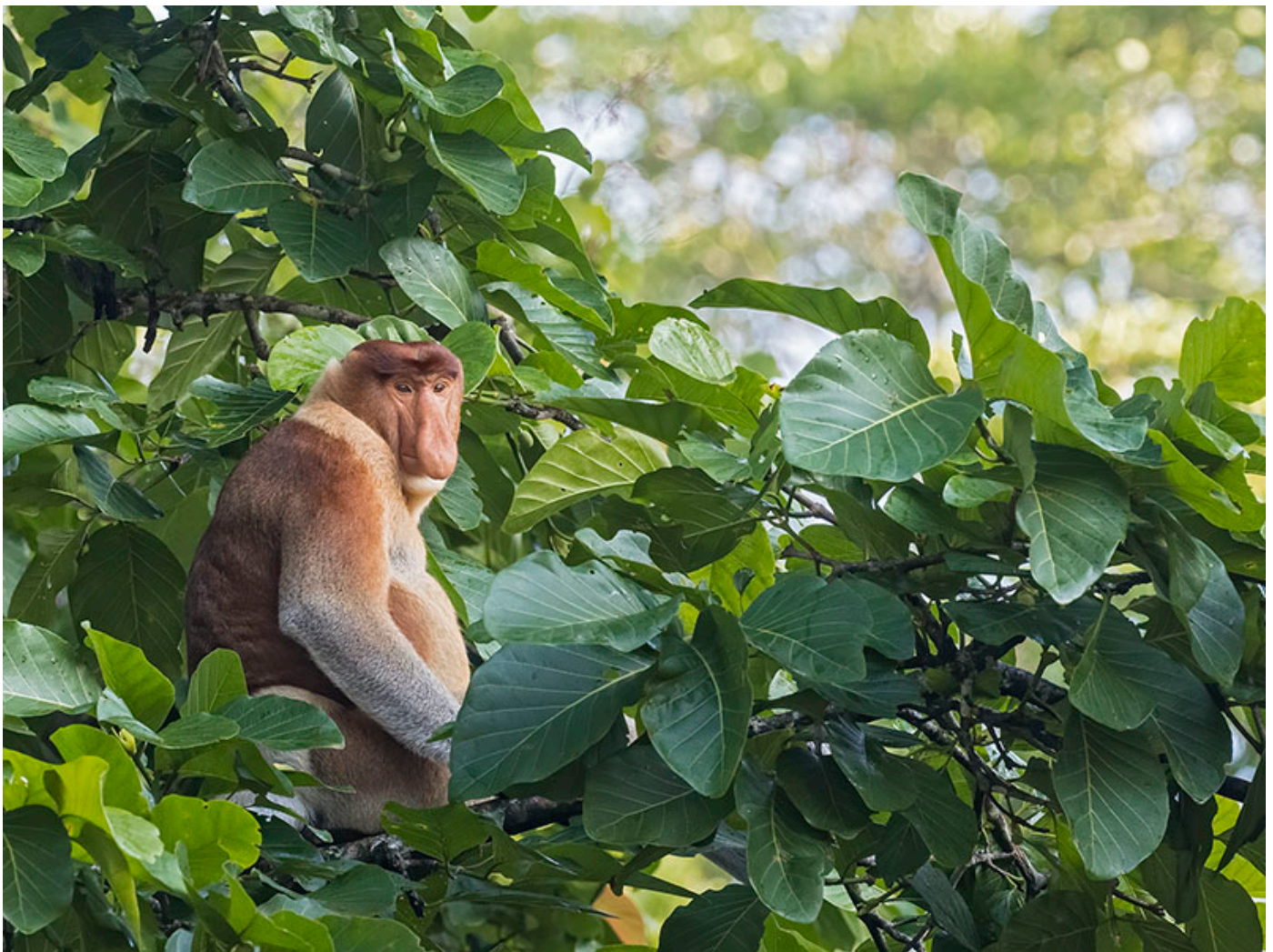


Point-blank views of Rail-Babbler were arguably the top highlight of the Sarawak extension.

Borneo is also one of the richest places on Earth for mammals. Despite being a tropical forest environment, where mammals are difficult to see, there is no other tour outside of Africa where we consistently rack up so many mammal species. On this trip, we recorded 37 species of



mammals. Of course, the top mammal was the amazing Orangutan, which saw on five separate days. Playing “second fiddle” was the amazing Bornean Pygmy Elephant, which we saw incredible well, bathing in the Kinabatangan River, on two different days. There were many other furry highlights including Bornean Striped and Masked Palm Civets, Thomas’s and Red Giant Flying Squirrels, Bornean Pygmy Squirrel, Western Tarsier, Bornean Coluga, Proboscis Monkey, Pig-tailed Macaque, Red and Silvered Langurs, and four species of treeshrews. Irrespective of the world-class birds, Borneo is worth visiting for its mammals alone!



**Proboscis Monkey is one of Borneo’s marvelous marquee mammals. This is the well-endowed male.**

Finally, as with any Tropical Birding tour, we didn’t ignore other wildlife that we encountered along the way. We did well with reptiles and amphibians, identifying 15 species of herps. Highlights there were a couple of huge Saltwater Crocodiles, Asian Water Monitors, and a



beautiful North Philippine Temple Pit Viper. We paid attention to butterflies throughout, and sighted some fabulous species like the Rajah Brooke's Birdwing, Borneo Birdwing, four species of jungle-glory, and two lovely harlequins. Our total tally of butterfly species identified was an impressive 80 species, though many of our sightings remain unidentified, at least for now. A final highlight to mention was *Rafflesia keithii*, one of the largest flowers on Earth. As the litany of highlights above suggests, there was never a dull moment on this trip. It should also be mentioned that we enjoyed wonderfully luxurious lodges throughout the main tour. Borneo Rainforest Lodge, in Danum Lodge, has to count among the finest forest lodges on Earth.

Our inaugural Sarawak pre-trip was a smashing success. This addition is highly recommended for people who sign up for Tropical Birding's Borneo tours in the future. Species



**We had a great sighting of the basilisk,  
I mean North Philippine Temple Pit Viper!**

that were seen exclusively on this pre-trip are marked in the trip list below as “SEO” (Sarawak extension only). In a part of the world with as many tricky birds as Sundaland, it helps to have many chances to see a variety of birds. Sarawak added a suite of specialty birds that are never seen in Sabah, along with providing additional and better chances for many other

species. First, the top specialties. We started with Black Oriole, an unusually dinky blackish oriole with a red-orange bill. Next up were the frogmouths: Dulit and Bornean, and we enjoyed fantastic views of both. One of the toughest Sarawak targets is the glowing-green blue-bellied Hose's Broadbill. It took a lot of work and persistence but we finally located a beautiful male of this enigmatic species. We also started the hard work of securing good views of the elusive pittas, and again after much persistence, had fantastic views of Blue-banded and Bornean Banded Pittas.

Perhaps best of all, we had an Earth-shattering encounter with a Rail-Babbler that actually climbed onto the log we were sitting on, multiple times! Sarawak was hard work, and did entail staying in some basic lodging, but was well worth it. This pre-trip was the perfect complement to the main tour.

This main tour kicked off with a short flight to Lahad Datu, then a drive into the Danum Valley. This conservation area protects some of the richest forest on Earth. Although nothing in the eastern hemisphere is quite as rich as the Amazon Basin, this is the closest Asian equivalent to that incredibly diverse system. Although



**Borneo is the world capital of broadbill diversity. The rarest of the lot is the Hose's Broadbill, which we sighted on the Sarawak pre-trip.**

Danum requires hard work – hiking in sweaty conditions and braving terrestrial leaches – your efforts pay dividends in terms of fabulous wildlife sightings, and the world-class lodge there does a great deal to mitigate the challenges of the environment. Our several days in Danum turned up a cornucopia of highlights, like Blue-headed, Bornean Banded, and Black-crowned Pittas, Helmeted and Rhinoceros Hornbills, a couple groups of Bornean Bristleheads, several kingfishers, a vast array of bulbuls and babblers, Bornean Crested Fireback, several Orangutans, Bornean Gibbon, and much more. We had a couple delightful sessions on the impressive canopy walkway, which is a great way to get views of species found high in the canopy. The whole group could happily have stayed in Danum for a couple more days, though by the time we left, we had “cleaned up” on the majority of the possible birds and mammals.





**Tarsiers, like this Western Tarsier, make up their own family; classic animals of Sundaland and Sulawesi.**

The next stop on the tour was Sepilok, where the Rainforest Discovery Center boasts one of the world's most impressive canopy walkways, through a nice patch of lowland rainforest. During our time here, we filled in a bunch species we had missed at Danum, like White-bellied, Rufous, and Orange-backed Woodpeckers, Long-tailed Parakeet, and Diard's Trogon. A night walk was very worthwhile, with highlights including Red Giant Flying Squirrel emerging at dusk, North Phillipine Temple Pit Viper, Mangrove Cat Snake, Sunda Scops-Owl, and best of all, a bizarre and beautiful Western Tarsier.

The middle of the tour was spent on the Kinabatangan River. Many boat trips on the river and its quieter tributaries turned up loads of kingfishers, hornbills, Black-and-red Broadbills, Proboscis Monkeys, more Orangutans, Long-tailed Macaques, Silvered Langurs, and some beautiful Hooded Pittas. On an evening visit to the Gomantong Caves,

we took in the spectacle of Bat Hawks and Peregrine Falcons hunting the bats emerging at dusk. Unfortunately, the boardwalk into the

cave was being renovated, so we weren't able to go inside to see the nesting swiftlets.

Our tour ended in the highlands, seeking out the many endemic birds found on and around Mount Kinabalu. During our epic first day, we located and enjoyed wonderful views of all three of the infamously difficult "Whitehead's Trio": Trogon, Spiderhunter, and Broadbill. Other highlights of Mount Kinabalu included Bornean Stubtail, Crimson-headed and Red-breasted Partridges, loads

of cool squirrels, Sunda Owlet, Bornean Green-Magpie, Bornean Treepie, Indigo Flycatcher, Mountain Black-eye, increasingly elusive Bare-headed Laughingthrush, and Everett's Thrush. The last morning of the trip was spent in the Crocker Range, where we found Bornean Bulbul, Mountain and Bornean Barbets, and a wonderful male Fruithunter in a fruiting tree (naturally enough!).

Heading to the airport to catch our flight to Peninsular Malaysia, for the start of the Asian Introtour / Peninsular Extension (be sure to check out the separate report for that trip), we each ran through our top 5 sightings of the trip, which are tallied and detailed below. No doubt... it had been a great trip to an exceptionally rich part of the world.



**Hornbills also reach peak diversity in Sundaland. We saw all eight of the Bornean hornbills.**

**This is a male Wrinkled Hornbill, along the Kinabatangan River.**



## TOP 5 TOUR SIGHTINGS AND EXPERIENCES

*As voted by all the tour participants and Ken*

**1) Whitehead's Broadbill – 12 VOTES.** This massive green broadbill is always hard to find, so when I heard one calling before sunrise on our first morning in Kinabalu National Park, I quickly rallied the group, and charged after the bird. We pretty quickly located a group of three birds, and even managed scope views. This was a great start, but even better came later, when we lucked into a photographer who had staked out an active nest, only a few feet off the road. We soaked in awesome views of a male perched nearby, and two emerald-crowned juveniles poking their big yellow-lined bills out of the nest.

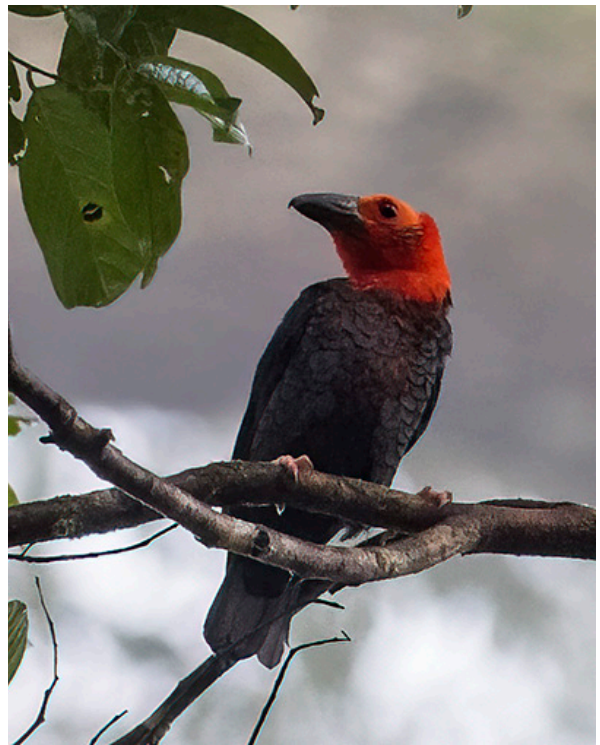


**2) Great Slaty Woodpecker – 9 VOTES.** This is the world's largest woodpecker. It's a shy and low-density species that is often seen fleetingly, if at all. All too often, it remains a disembodied and distant voice in the rainforest. This made it a real treat when a group of three birds responded strongly and flew in, to give their spread-wing group display on top of a dead tree right next to us, along a Kinabatangan tributary. It's such a cool and unusual woodpecker, with its deep-gray coloration, and bare red and yellow skin on the face and neck. Even the head shape is weird: rounded like a dove, with a big dark eye. It has the feel of a true bird of Sundaland... a giant woodpecker that has evolved to feed on the giant trees in this part of the world!





**3) Bornean Bristlehead – 8 VOTES.** As a guide, this weird bird, which makes up its own family, endemic to Borneo, is one of your top targets. It can be tricky to find, and this year it was typically tricky. So it was a great relief to finally find a small group of Bristleheads right on the main road, near the lodge. Once we finally located them, these Bristleheads were wonderfully cooperative, sticking around for several minutes of close-range views. Over the next couple days, we encountered Bristleheads a couple more times. One particular highlight of these sightings was seeing these bizarre birds feeding on huge insects, which they had to bash into submission before swallowing!



**Bornean Pygmy Elephant – 8 VOTES.**

Soon after we arrived at our lodge, along the Kinabatangan River, we heard about an elephant sighting nearby. We quickly dropped our luggage, and headed out on boats in search of this pachyderm. Within minutes we had two “pygmy” though still

enormous elephants in sight, bathing in the river. Having one sighting was great, as this animal is far from guaranteed, so a second sighting, even closer and longer, on our last morning, was a real bonus.



**Orangutan – 8 VOTES.** There are only four great apes on Earth: Chimpanzee, Bonobo, Gorilla, and Orangutan. Orangutan is the only one found in Asia, and Borneo is the best place to see it. Although good numbers remain, they can be hard to find, so we were delighted to see Orangutans on several days, at Danum Valley, from our breakfast table at Sepilok, and finally along the Kinabatangan River. Despite this being a birding tour, these charismatic mammals are always a highlight. No one wants to leave Borneo without seeing a “ran-ger”, and we enjoyed excellent success in this department.





**4) Blue-headed Pitta – 7 VOTES.** Danum is one of the best spots on Earth for pittas, which are certainly among Asia's most beautiful and sought-after birds. One of the things that make pittas so desirable, is that they are usually very tough to see. Having a fleeting encounter with a beautiful bird like a Blue-headed Pitta really gets the adrenaline pumping. As a guide, you never relax until everyone has had a good view, as these shy beauties are capable of slipping into the forest to never be seen again. In the case of Blue-headed Pitta on this trip, one participant missed the pitta during the first sighting, but eventually caught up with this beauty on a subsequent day. The Blue-headed is arguably the best-looking pitta on Earth, though the competition is fierce!



5) **Red-breasted Partridge – 6 VOTES.** We enjoyed the magic of an excellent photography stakeout for both Red-breasted and Crimson-headed Partridges. These normally shy and difficult-to-see birds came running in for point-blank views, and were even joined by Snowy-browed Flycatchers and an Orange-headed Thrush.





## ITINERARY

### → *Sarawak Pre-trip*

- June 13** Arrival in Kota Kinabalu.  
**June 14** Morning at Pulau Manukan. Afternoon drive into Sarawak. Night Lawas.  
**June 15** Lawas to Ba'kelalan.  
**June 16-17** Ba'kelalan area.  
**June 18** Ba'kelalan to Beaufort. Afternoon Klias Forest.  
**June 19** Morning Klias Forest. Afternoon drive to Kota Kinabalu.

### → *Main Tour*

- June 19** Arrival in Kota Kinabalu.  
**June 20** Kota Kinabalu to Lahad Datu to Danum Valley.  
**June 21-22** Borneo Rainforest Lodge, Danum Valley.  
**June 23** Danum Valley to Sepilok.  
**June 24** Sepilok Rainforest Discovery Center.  
**June 25** Sepilok to Kinabatangan River.  
**June 26-27** Kinabatangan River and Gomantong Caves.  
**June 28** Kinabatangan River to Kinabalu NP.  
**June 29-30** Kinabalu NP – headquarters area.  
**July 1** Poring Hot Springs to Crocker Range.  
**July 2** Crocker Range to Kota Kinabalu. Departure (connecting with Asia Introtour)



The Indigo Flycatcher was one of many montane endemics and specialties that we saw in the Sabah highlands.

## PHOTO GALLERY

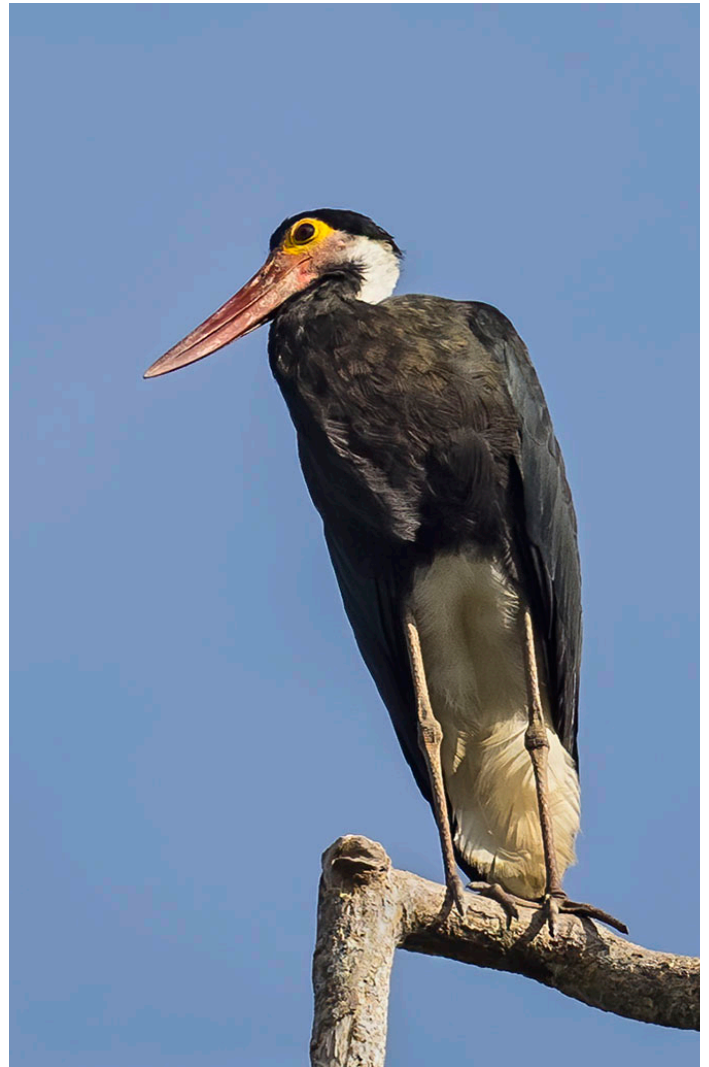


**Oriental Pied-Hornbill flying over the Kinabatangan River.**

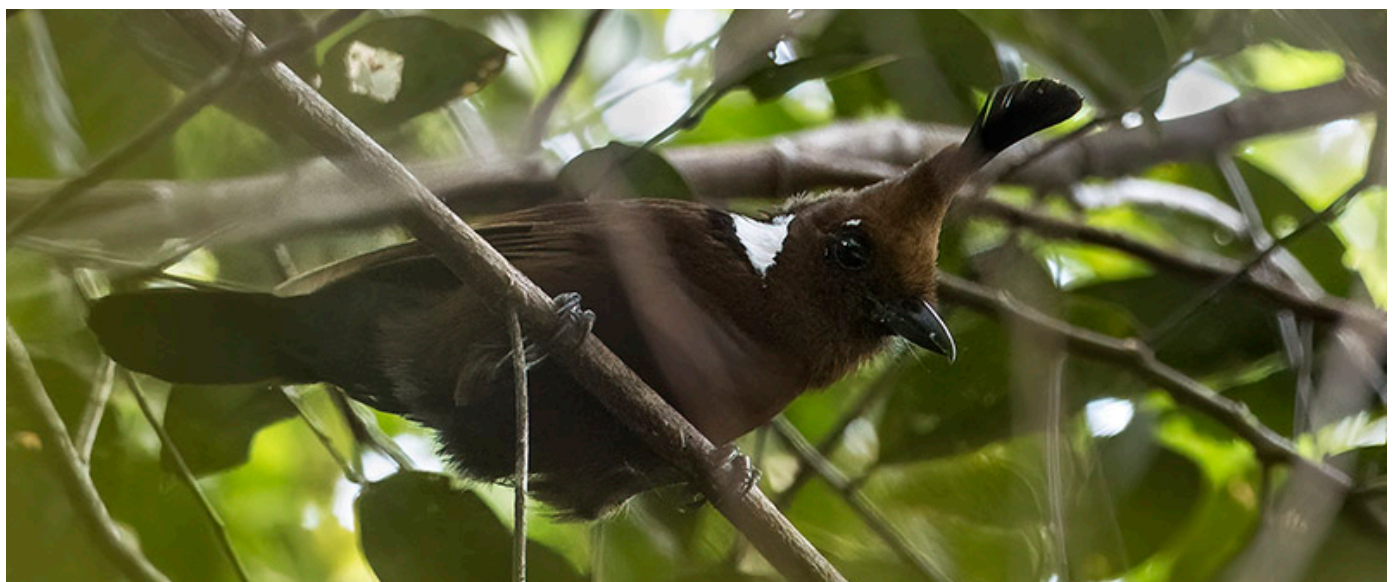


**A female Black Oriole, a rare endemic, which we sighted in Sarawak.**





Dulit Frogmouth in Sarawak (left) and Storm's Stork in Sabah, on the Kinabatangan River (right).



Crested Shrikejay now makes up its own family. We saw this cool bird both in Sarawak and Sabah.





At Klias Peat Swamp Forest, we were amazed to spot the rare Brown-backed Flowerpecker.



Rufous-backed Dwarf-Kingfisher at the Rainforest Discovery Center, Sepilok.





We completed the "Whitehead's Trio" by spotting the Whitehead's Trogon on Mount Kinabalu.



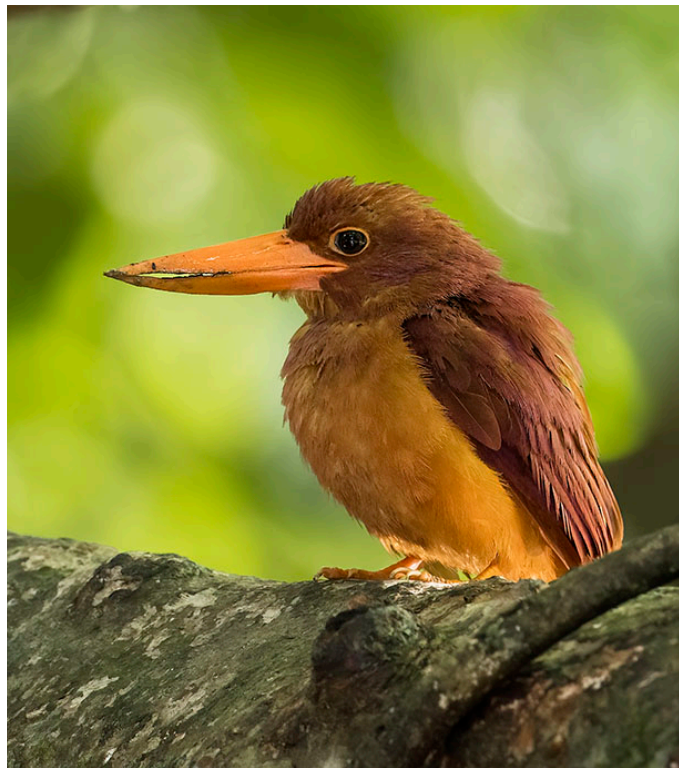


Asian Glossy Starling (left) is quite common, whereas Red-crowned Barbet (right) is scarce and localized.



This Red-legged Crake, on a night drive in Danum Valley, was an unexpected delight.



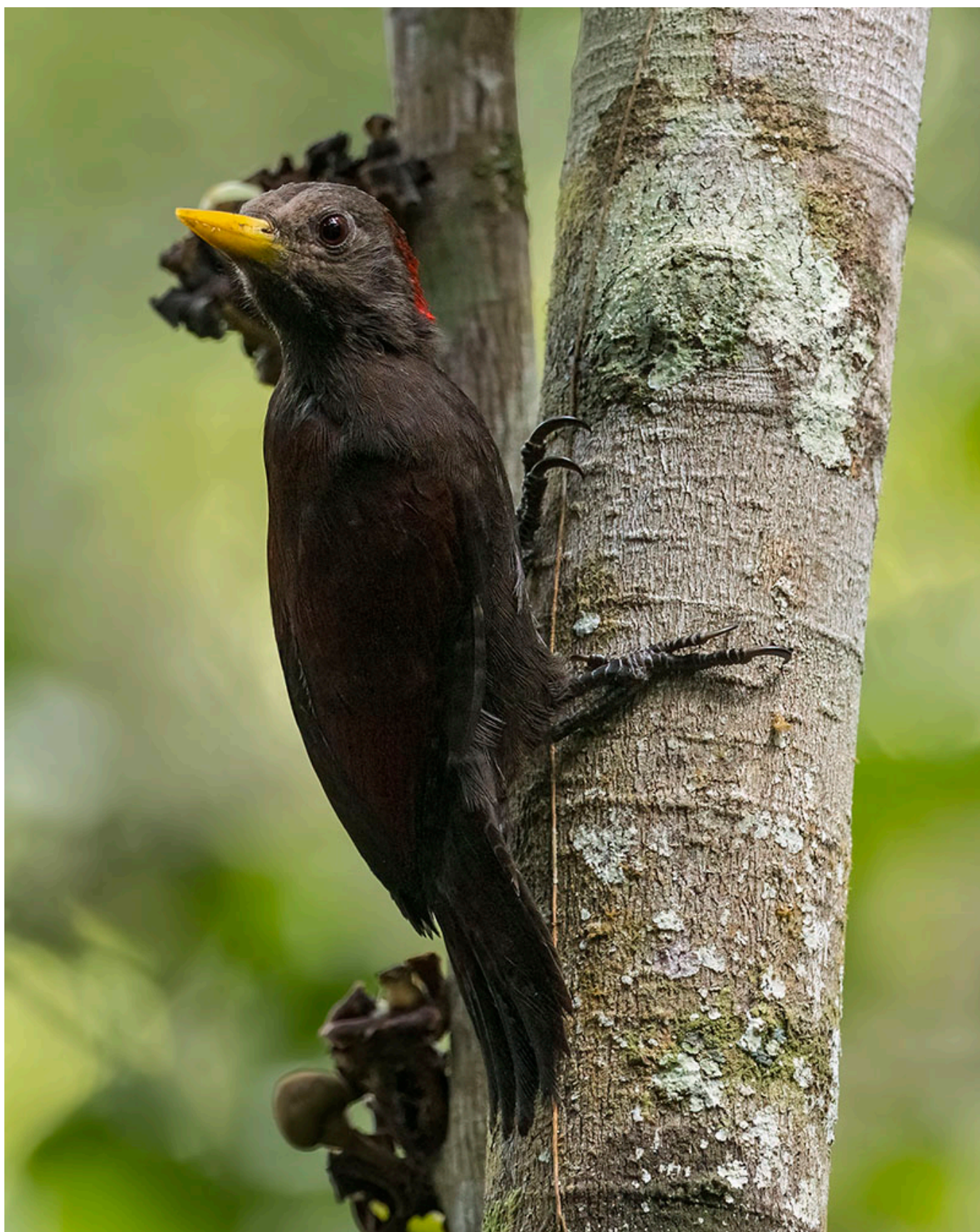


Bornean Stubtail on Kinabalu (left) and Ruddy Kingfisher along the Kinabatangan (right).



Chestnut-breasted Malkoha is the second-most common malkoha in Borneo, after Raffles's Malkoha.





Borneo has a staggering diversity of woodpeckers. Once of the hardest species to see well is the Maroon Woodpecker, but we managed good views on a few occasions.





The quality of birds in Borneo is astounding. Two examples, both endemic: Bornean Green-Magpie (left) and Bornean Banded Pitta (right).



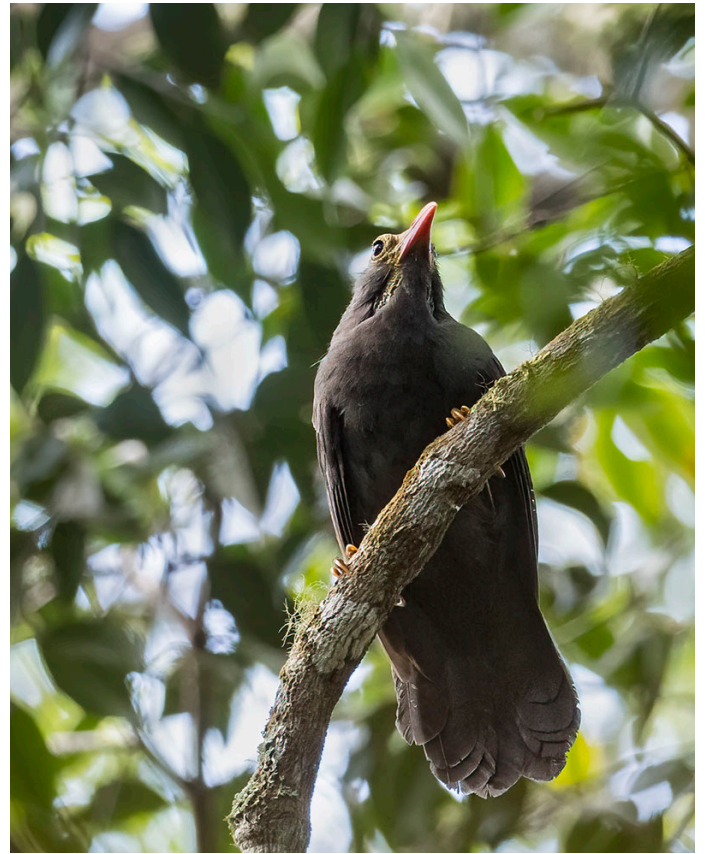
A prize of a pre-dawn outing along the Kinabatangan: the elusive Oriental Bay Owl.





In Kinabalu, we had an amazing encounter with a very angry male Crimson-headed Partridge.





The White-fronted Falconet's tininess is obvious in comparison to the hefty Green Imperial Pigeon (left)! One of the toughest highland endemics is the Bare-headed Laughingthrush (right).



Blue-throated Bee-eater is wonderfully common and widespread in Borneo.





Blue-eared Barbet is the most common of Borneo's diverse array of barbets.

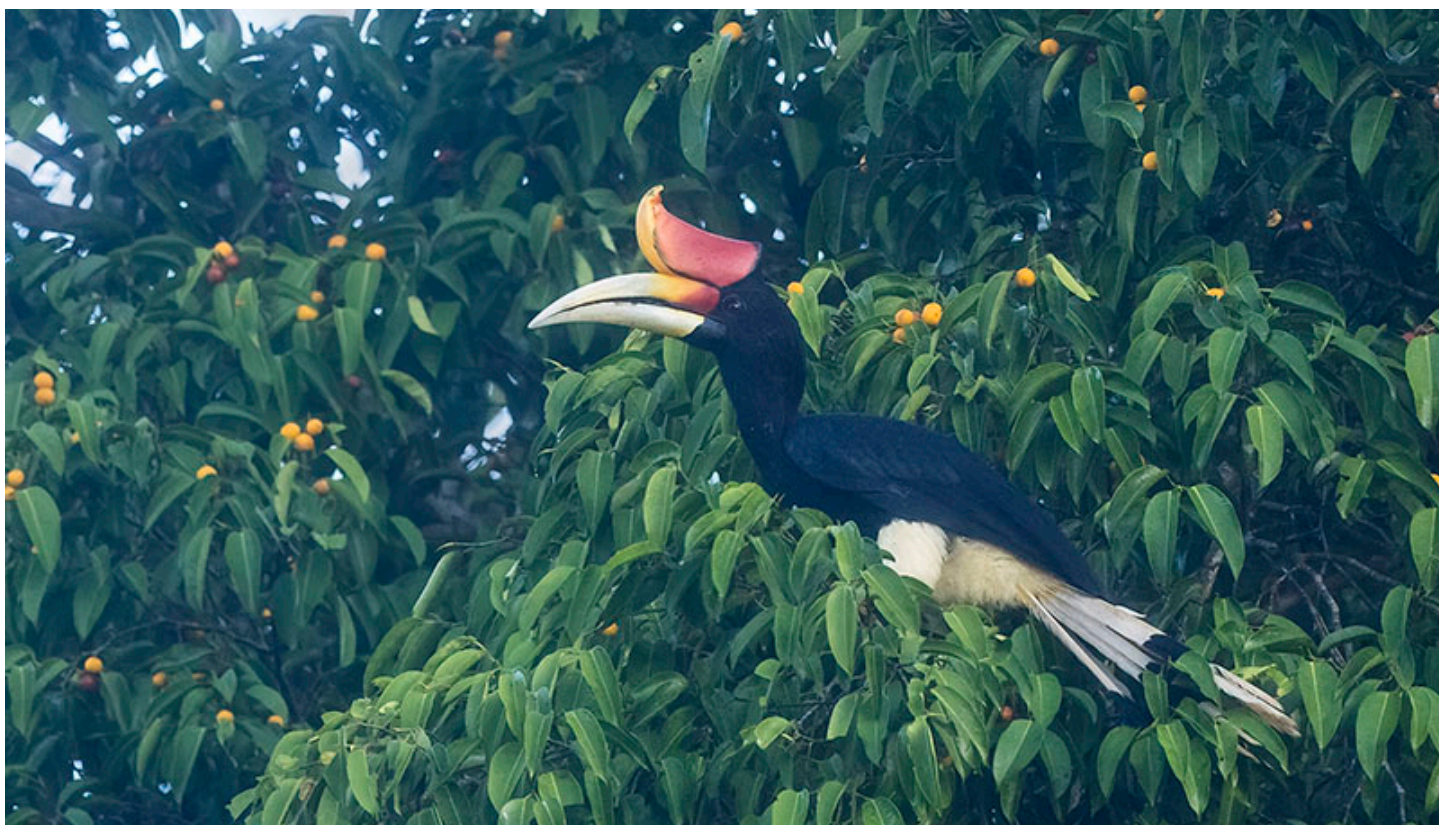


In Danum Valley, we savored unbelievably good views of the shy Chestnut-necklaced Partridge.





In Klias, we had a male Scarlet-breasted Flowerpecker feeding just above eye level!

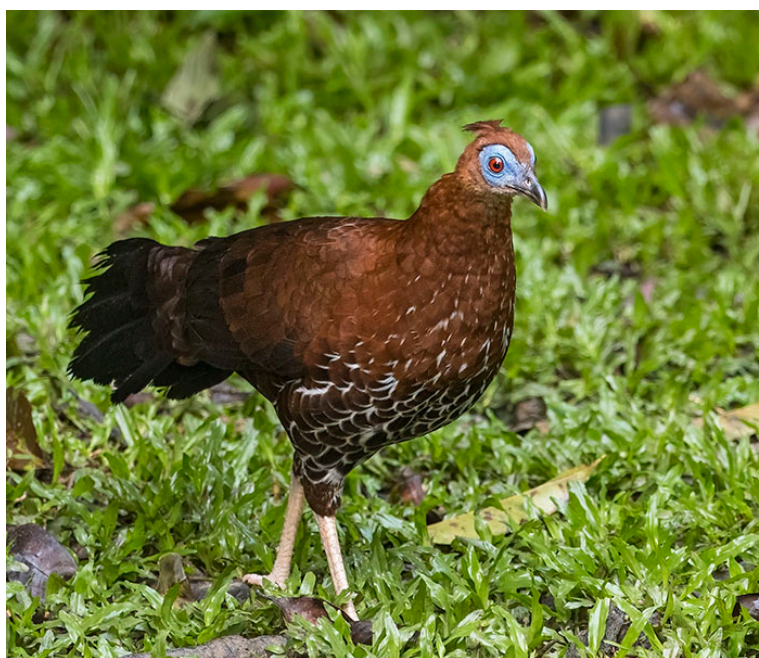


Rhinoceros Hornbill, a huge bird that remains wonderfully quite common.





**Blyth's Shrike-Babbler, actually a member of the mostly New World vireo family.**



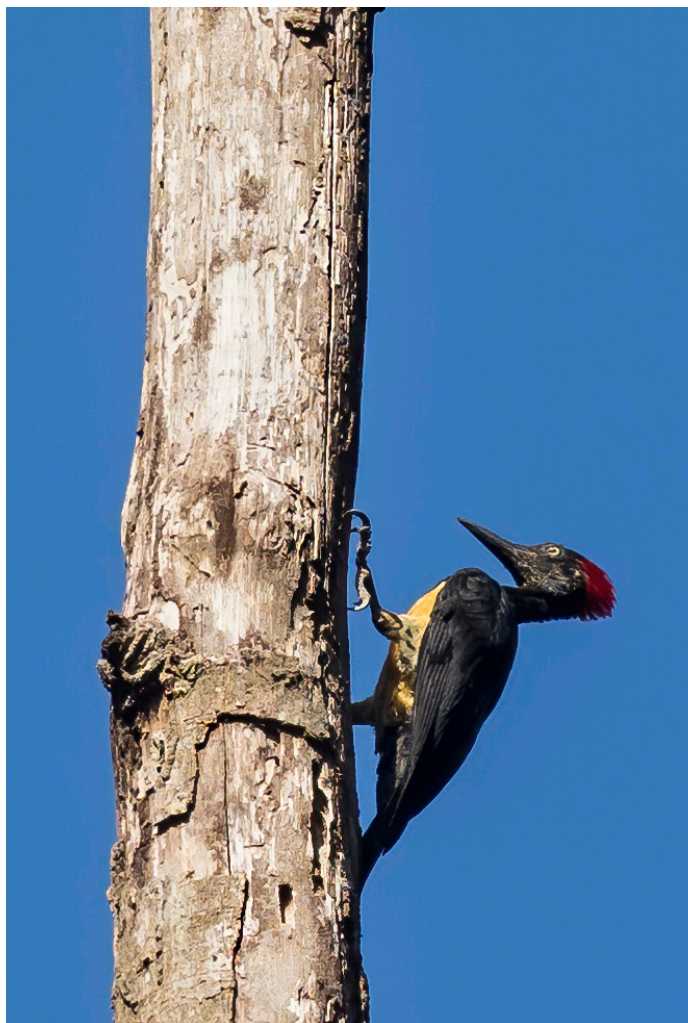
**Crested Fireback female (left) and Black Oriole male (right).**





We saw the whole “Whitehead’s Trio” in our first day on Mount Kinabalu. First came the hefty Whitehead’s Broadbill (below), and second Whitehead’s Spiderhunter (above).





**Bornean Spiderhunter (left) and White-bellied Woodpecker (right).**



**Snowy-browed Flycatcher, a dapper little bird of montane forest.**



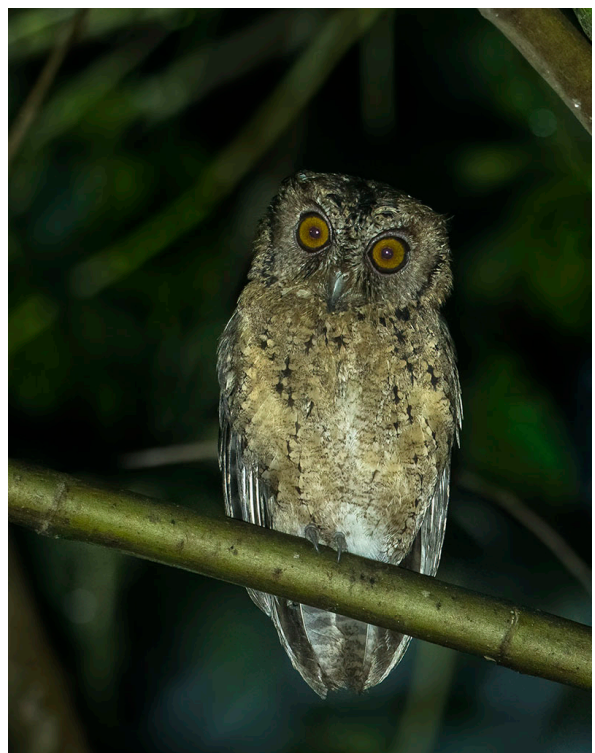


Spectacled Spiderhunter is one of the scarcest of Borneo's bounty of different spiderhunter species.





**Rufous-winged Philentoma is an unusual bird that belongs to the Vanga family.**



**Black-and-yellow Broadbill (left) and Sunda Scops-Owl (right).**





**Sunda Owlet (left) was recently split from the widespread Collared Owlet. It certainly sounds different. Blue-banded Pitta (right) was one of our prize sightings on the Sarawak pre-trip.**



**We enjoyed a bounty of babblers, including the antpitta-like Black-capped Babbler.**





Borneo is excellent for trogons, such as this Diard's Trogon.



## BIRD LIST

Taxonomy and nomenclature follow *The Clements Checklist of the Birds of the World v2021* (including updates through August 2021).

DUCKS, GEESE, and WATERFOWL: Anatidae		
Wandering Whistling-Duck	<i>Dendrocygna arcuata</i>	
PHEASANTS, GROUSE AND ALLIES: Phasianidae		
Red-breasted (Hill) Partridge (BE)	<i>Arborophila hyperythra</i>	
(Bornean) Crested Fireback (BE)	<i>Lophura ignita nobilis</i>	
Great Argus	<i>Argusianus argus</i>	H
Chestnut-necklaced Partridge (BE)	<i>Tropicoperdix charltonii graydoni</i>	
Crimson-headed Partridge (BE)	<i>Haematortyx sanguiniceps</i>	
GREBES: Podicipedidae		
Little Grebe	<i>Tachybaptus ruficollis</i>	
PIGEONS AND DOVES: Columbidae		
Rock Pigeon (Feral Pigeon)	<i>Columba livia</i>	
Spotted Dove	<i>Streptopelia chinensis</i>	
Philippine Cuckoo-Dove	<i>Macropygia tenuirostris</i>	SEO
Little Cuckoo-Dove	<i>Macropygia ruficeps</i>	
Asian Emerald Dove	<i>Chalcophaps indica</i>	
Zebra Dove	<i>Geopelia striata</i>	
Little Green-Pigeon	<i>Treron olax</i>	
Pink-necked Green-Pigeon	<i>Treron vernans</i>	
Cinnamon-headed Green-Pigeon	<i>Treron fulvicollis</i>	
Thick-billed Green-Pigeon	<i>Treron curvirostra</i>	
Large Green-Pigeon	<i>Treron capellei</i>	G / SEO

Jambu Fruit-Dove	<i>Ptilinopus jambu</i>	
Green Imperial-Pigeon	<i>Ducula aenea</i>	
Mountain Imperial-Pigeon	<i>Ducula badia</i>	
<b>CUCKOOS: Cuculidae</b>		
<b>Bornean Ground-cuckoo (BE)</b>	<i>Carpococcyx radiceus</i>	
Short-toed Coucal	<i>Centropus rectunguis</i>	H
Greater Coucal	<i>Centropus sinensis</i>	
Raffles's Malkoha	<i>Rhinortha chlorophaeus</i>	
Red-billed Malkoha	<i>Zanclostomus javanicus</i>	SEO
Chestnut-breasted Malkoha	<i>Phaenicophaeus curvirostris</i>	
Chestnut-bellied Malkoha	<i>Phaenicophaeus sumatranus</i>	G
Black-bellied Malkoha	<i>Phaenicophaeus diardi</i>	SEO
Violet Cuckoo	<i>Chrysococcyx xanthorhynchus</i>	
Banded Bay Cuckoo	<i>Cacomantis sonneratii</i>	
Plaintive Cuckoo	<i>Cacomantis merulinus</i>	
Brush (Rusty-breasted) Cuckoo	<i>Cacomantis variolosus sepulcralis</i>	
Square-tailed Drongo-cuckoo	<i>Surniculus lugubris</i>	
<b>Dark (Penan) Hawk-Cuckoo (BE?)</b>	<i>Hierococcyx bocki</i>	
Malaysian (Javan) Hawk-Cuckoo	<i>Hierococcyx fugax</i>	
Indian Cuckoo	<i>Cuculus micropterus</i>	SEO
Sunda Cuckoo	<i>Cuculus lepidus</i>	H
<b>FROGMOUTHS: Podargidae</b>		
Dulit Frogmouth (BE)	<i>Batrachostomus harterti</i>	SEO
Gould's Frogmouth	<i>Batrachostomus stellatus</i>	H



Bornean Frogmouth (BE)	<i>Batrachostomus mixtus</i>	SEO
Blyth's (Javan) Frogmouth	<i>Batrachostomus affinis</i>	
Sunda (Sundan) Frogmouth	<i>Batrachostomus cornutus</i>	SEO
<b>NIGHTJARS: Caprimulgidae</b>		
Malaysian Eared-Nightjar	<i>Lyncornis temminckii</i>	SEO
<b>SWIFTS: Apodidae</b>		
Silver-rumped (Spinetail) Needletail	<i>Rhaphidura leucopygialis</i>	
Brown-backed (Brown) Needletail	<i>Hirundapus giganteus</i>	
Plume-toed (Glossy) Swiftlet	<i>Collocalia affinis</i>	
Bornean Swiftlet (BE)	<i>Collocalia linchi</i>	
Mossy-nest / Black-nest Swiftlet	<i>Aerodramus salangana</i> / <i>maximus</i>	
White-nest (Edible-nest) Swiftlet	<i>Aerodramus fuciphagus</i>	
Germain's (German's) Swiftlet	<i>Aerodramus germani</i>	
Pacific Swift	<i>Apus pacificus</i>	
House Swift	<i>Apus nipalensis</i>	G
<b>TREESWIFTS: Hemiprocnidae</b>		
Gray-rumped Treeswift	<i>Hemiproctus longipennis</i>	
Whiskered Treeswift	<i>Hemiproctus comata</i>	
<b>RAILS, GALLINULES AND COOTS: Rallidae</b>		
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	
Red-legged Crake	<i>Rallina fasciata</i>	
<b>GULLS, TERNS AND SKIMMERS: Laridae</b>		
Little Tern	<i>Sternula albifrons</i>	
Black-naped Tern	<i>Sterna sumatrana</i>	SEO

Great Crested Tern	<i>Thalasseus bergii</i>	G
<b>STORKS: Ciconiidae</b>		
Storm's Stork	<i>Ciconia stormi</i>	
Lesser Adjutant	<i>Leptoptilos javanicus</i>	
<b>ANHINGAS: Anhingidae</b>		
Oriental Darter	<i>Anhinga melanogaster</i>	
<b>HERONS, EGRETS AND BITTERNS: Ardeidae</b>		
Yellow Bittern	<i>Ixobrychus sinensis</i>	G
Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	SEO
Purple Heron	<i>Ardea purpurea</i>	
Great Egret	<i>Ardea alba</i>	
Intermediate Egret	<i>Mesophoyx intermedia</i>	
Little Egret	<i>Egretta garzetta</i>	
Pacific Reef-Heron (-Egret)	<i>Egretta sacra</i>	
Cattle Egret	<i>Bubulcus ibis coromandus</i>	
Striated Heron	<i>Butorides striata</i>	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	
Rufous Night-Heron	<i>Nycticorax caledonicus</i>	
<b>HAWKS, EAGLES AND KITES: Accipitridae</b>		
Black-shouldered Kite	<i>Elanus caeruleus</i>	SEO
Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	
Crested Serpent-Eagle	<i>Spilornis cheela</i>	
Mountain (Kinabalu) Serpent-Eagle (BE)	<i>Spilornis kinabaluensis</i>	H / SEO
Bat Hawk	<i>Macheiramphus alcinus</i>	



Changeable Hawk-Eagle	<i>Nisaetus limnaeetus</i>	
Blyth's Hawk-Eagle	<i>Nisaetus alboniger</i>	
Wallace's Hawk-Eagle	<i>Nisaetus nanus</i>	
Rufous-bellied (Hawk-) Eagle	<i>Lophotriorchis kienerii</i>	
Black Eagle	<i>Ictinaetus malayensis</i>	
Crested Goshawk	<i>Accipiter trivirgatus</i>	
Brahminy Kite	<i>Haliastur indus</i>	
White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	
Lesser Fish-Eagle	<i>Ichthyophaga humilis</i>	
Gray-headed Fish-Eagle	<i>Ichthyophaga ichthyaetus</i>	
<b>BARN-OWLS: Tytonidae</b>		
Oriental Bay-Owl	<i>Phodilus badius</i>	
<b>OWLS: Strigidae</b>		
Reddish Scops-Owl	<i>Otus rufescens</i>	H
Sunda (Collared) Scops-Owl	<i>Otus lempiji</i>	
Buffy Fish-Owl	<i>Ketupa ketupu</i>	
Sunda (Collared) Owlet (BE)	<i>Glaucidium brodiei</i>	
<i>Brown (Bornean) Wood-Owl</i>	<i>Strix leptogrammica vaga</i>	
Brown Boobook	<i>Ninox scutulata</i>	
<b>TROGONS: Trogonidae</b>		
Red-naped Trogon	<i>Harpactes kasumba</i>	
Diard's Trogon	<i>Harpactes diardii</i>	
Whitehead's Trogon (BE)	<i>Harpactes whiteheadi</i>	
Cinnamon-rumped Trogon	<i>Harpactes orrhophaeus</i>	H

Scarlet-rumped Trogon	<i>Harpactes duvaucelii</i>	
Orange-breasted Trogon	<i>Harpactes oreskios</i>	H / SEO
<b>HORNBILLS: Bucerotidae</b>		
White-crowned Hornbill	<i>Berenicornis comatus</i>	
Helmeted Hornbill	<i>Buceros vigil</i>	
Rhinoceros Hornbill	<i>Buceros rhinoceros</i>	
Bushy-crested Hornbill	<i>Anorrhinus galeritus</i>	
(Asian) Black Hornbill	<i>Anthracoceros malayanus</i>	
Oriental (Sunda) Pied-Hornbill	<i>Anthracoceros albirostris</i>	
Wreathed Hornbill	<i>Rhyticeros undulatus</i>	
Wrinkled Hornbill	<i>Rhabdotorrhinus corrugatus</i>	
<b>KINGFISHERS: Alcedinidae</b>		
Blue-eared Kingfisher	<i>Alcedo meninting</i>	
(Malayan) Blue-banded Kingfisher	<i>Alcedo euryzona peninsulae</i>	
Rufous-backed Dwarf-Kingfisher	<i>Ceyx rufidorsa</i>	
<b>Banded (Black-faced) Kingfisher (BE)</b>	<b><i>Lacedo pulchella melanops</i></b>	
Stork-billed Kingfisher	<i>Pelargopsis capensis</i>	
Ruddy Kingfisher	<i>Halcyon coromanda</i>	
Collared Kingfisher	<i>Todiramphus chloris</i>	
Rufous-collared (Chestnut-collared) Kingfisher	<i>Actenoides concretus</i>	
<b>BEE-EATERS: Meropidae</b>		
Red-bearded Bee-eater	<i>Nyctyornis amictus</i>	
Blue-throated Bee-eater	<i>Merops viridis</i>	



ROLLERS: Coraciidae		
Dollarbird	<i>Eurystomus orientalis</i>	
ASIAN BARBETS: Megalaimidae		
(Bornean) Brown Barbet (BE)	<i>Calorhamphus fuliginosus</i>	
Blue-eared (Duvaucel's) Barbet	<i>Psilopogon duvaucelii duvaucelii</i>	
Bornean Barbet (BE)	<i>Psilopogon eximius</i>	
Red-crowned Barbet	<i>Psilopogon rafflesii</i>	SEO
Red-throated Barbet	<i>Psilopogon mystacophanos</i>	
Golden-naped Barbet (BE)	<i>Psilopogon pulcherrimus</i>	
Yellow-crowned Barbet	<i>Psilopogon henricii</i>	H
Mountain Barbet (BE)	<i>Psilopogon monticola</i>	
Gold-faced (Gold-whiskered) Barbet (BE)	<i>Psilopogon chrysopogon chrysopsis</i>	
WOODPECKERS: Picidae		
Rufous Piculet	<i>Sasia abnormis</i>	
Gray-and-buff Woodpecker	<i>Hemicircus concretus sordidus</i>	
Sunda (Brown-capped Pygmy-) Woodpecker	<i>Yungipicus moluccensis</i>	
Maroon Woodpecker	<i>Blythipicus rubiginosus</i>	
Orange-backed Woodpecker	<i>Reinwardtipicus validus</i>	
Rufous Woodpecker	<i>Micropternus brachyurus</i>	
Buff-necked Woodpecker	<i>Meiglyptes tukki</i>	
Buff-rumped Woodpecker	<i>Meiglyptes tristis</i>	
Crimson-winged Woodpecker	<i>Picus puniceus</i>	
Banded Woodpecker	<i>Chrysophlegma miniaceum</i>	
Checker-throated Woodpecker	<i>Chrysophlegma mentale</i>	

Great Slaty Woodpecker	<i>Mulleripicus pulverulentus</i>	
White-bellied Woodpecker	<i>Dryocopus javensis</i>	
<b>FALCONS AND CARACARAS: Falconidae</b>		
Black-thighed Falconet	<i>Microhierax fringillarius</i>	SEO
<b>White-fronted (Bornean) Falconet (BE)</b>	<b><i>Microhierax latifrons</i></b>	
Peregrine Falcon	<i>Falco peregrinus</i>	
<b>OLD WORLD PARROTS: Psittaculidae</b>		
Blue-rumped Parrot	<i>Psittinus cyanurus</i>	G
Long-tailed Parakeet	<i>Psittacula longicauda</i>	
Blue-naped Parrot	<i>Tanygnathus lucionensis</i>	
Blue-crowned Hanging-Parrot	<i>Loriculus galgulus</i>	
<b>AFRICAN &amp; GREEN BROADBILLS: Calyptomenidae</b>		
Green Broadbill	<i>Calyptomena viridis</i>	
<b>Hose's Broadbill (BE)</b>	<b><i>Calyptomena hosii</i></b>	SEO
<b>Whitehead's Broadbill (BE)</b>	<b><i>Calyptomena whiteheadi</i></b>	
<b>ASIAN AND GRAUER'S BROADBILLS: Eurylaimidae</b>		
Dusky Broadbill	<i>Corydon sumatranus</i>	
Black-and-red Broadbill	<i>Cymbirhynchus macrorhynchos</i>	
Banded Broadbill	<i>Eurylaimus javanicus</i>	
Black-and-yellow Broadbill	<i>Eurylaimus ochromalus</i>	
<b>PITTAS: Pittidae</b>		
<b>Black-crowned (Black-and-crimson) Pitta (BE)</b>	<b><i>Erythropitta ussheri</i></b>	
<b>Blue-banded Pitta (BE)</b>	<b><i>Erythropitta arquata</i></b>	SEO
<b>Bornean Banded Pitta (BE)</b>	<b><i>Hydrornis schwaneri</i></b>	



Blue-headed Pitta (BE)	<i>Hydrornis baudii</i>	
Hooded Pitta	<i>Pitta sordida</i>	
<b>THORNBILLS AND ALLIES: Acanthizidae</b>		
Golden-bellied (Sunda) Gerygone	<i>Gerygone sulphurea sulphurea</i>	
<b>CUCKOOSHRIKES: Campephagidae</b>		
Fiery Minivet	<i>Pericrocotus igneus</i>	
Gray-chinned Minivet	<i>Pericrocotus solaris</i>	
Scarlet Minivet	<i>Pericrocotus speciosus</i>	SEO
Bar-bellied Cuckooshrike	<i>Coracina striata</i>	SEO
Sunda Cuckooshrike	<i>Coracina larvata</i>	
Pied Triller	<i>Lalage nigra</i>	
Lesser Cuckooshrike (Cicadabird)	<i>Coracina fimbriata schierbrandi</i>	
<b>VIREOS, SHRIKE-BABLERS and ERPORNIS: Vireonidae</b>		
Blyth's Shrike-Babbler	<i>Pteruthius aeralatus</i>	
White-bellied Erpornis	<i>Erpornis zantholeuca</i>	
<b>WHISTLERS and ALLIES: Pachycephalidae</b>		
Bornean Whistler (BE)	<i>Pachycephala hypoxantha</i>	
<b>OLD WORLD ORIOLES: Oriolidae</b>		
Dark-throated Oriole	<i>Oriolus xanthonotus</i>	
Black Oriole (BE)	<i>Oriolus hosii</i>	SEO
Black-and-crimson Oriole	<i>Oriolus cruentus</i>	SEO
<b>WOODSWALLOWS: Artamidae</b>		
White-breasted Woodswallow	<i>Artamus leucorhynchus</i>	

VANGAS, HELMETSHRIKES AND ALLIES: Vangidae		
Large Woodshrike	<i>Tephrodornis virgatus</i>	
Bar-winged Flycatcher-Shrike	<i>Hemipus picatus</i>	
Black-winged Flycatcher-Shrike	<i>Hemipus hirundinaceus</i>	
Rufous-winged Philentoma	<i>Philentoma pyrhoptera</i>	
Maroon-breasted Philentoma	<i>Philentoma velata</i>	
BRISTLEHEAD: Pityriaseidae		
Bornean Bristlehead (BE)	<i>Pityriasis gymnocephala</i>	
IORAS: Aegithinidae		
Common Iora	<i>Aegithina tiphia</i>	
Green Iora	<i>Aegithina viridissima</i>	
FANTAILS: Rhipiduridae		
Spotted Fantail	<i>Rhipidura perlata</i>	SEO
Malaysian (Sunda) Pied-Fantail	<i>Rhipidura javanica longicauda</i>	
White-throated Fantail	<i>Rhipidura albicollis</i>	
DRONGOS: Dicruridae		
Ashy Drongo	<i>Dicrurus leucophaeus stigmatops</i>	
Bronzed Drongo	<i>Dicrurus aeneus</i>	SEO
<b>Hair-crested (Bornean Spangled) Drongo (BE)</b>	<b><i>Dicrurus hottentottus borneensis</i></b>	
Greater Racket-tailed Drongo	<i>Dicrurus paradiseus</i>	
MONARCH FLYCATCHERS: Monarchidae		
Black-naped Monarch	<i>Hypothymis azurea</i>	
Blyth's (Asian) Paradise-Flycatcher	<i>Terpsiphone affinis</i>	



SHRIKEJAY: <i>Platylophidae</i>		
Crested Shrikejay	<i>Platylophus galericulatus</i>	
SHRIKES: <i>Laniidae</i>		
Long-tailed Shrike	<i>Lanius schach</i>	
CROWS, JAYS AND MAGPIES: <i>Corvidae</i>		
(Bornean) Black Magpie (BE)	<i>Platysmurus leucopterus aterrimus</i>	
Bornean (Short-tailed) Green-Magpie (BE)	<i>Cissa jefferyi</i>	
Bornean Treepie (BE)	<i>Dendrocitta cinerascens</i>	
House Crow	<i>Corvus splendens</i>	
Slender-billed (Sunda) Crow	<i>Corvus enca compilator</i>	
RAIL-BABBLER: <i>Eupetidae</i>		
Malaysian Rail-babbler	<i>Eupetes macrocerus</i>	SEO
FAIRY FLYCATCHERS: <i>Stenostiridae</i>		
Gray-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</i>	
CISTICOLAS AND ALLIES: <i>Cisticolidae</i>		
Dark-necked Tailorbird	<i>Orthotomus atrogularis</i>	
Ashy Tailorbird	<i>Orthotomus ruficeps</i>	
Rufous-tailed Tailorbird	<i>Orthotomus sericeus</i>	
Yellow-bellied Prinia	<i>Prinia flaviventris</i>	
SWALLOWS: <i>Hirundinidae</i>		
Barn Swallow	<i>Hirundo rustica</i>	G
Pacific (House) Swallow	<i>Hirundo tahitica</i>	
BULBULS: <i>Pycnonotidae</i>		
Puff-backed Bulbul	<i>Brachypodius eutilotus</i>	

Black-headed Bulbul	<i>Brachypodius atriceps</i>	
Spectacled Bulbul	<i>Rubigula erythrophthalmos</i>	
Scaly-breasted Bulbul	<i>Rubigula squamatus</i>	SEO
<b>Bornean Bulbul (BE)</b>	<i>Rubigula montis</i>	
<b>Pale-faced (Flavescent) Bulbul (BE)</b>	<i>Pycnonotus leucops</i>	
(Sunda) Yellow-vented Bulbul	<i>Pycnonotus goiavier gourdini</i>	
<b>(Bornean) Olive-winged Bulbul (BE)</b>	<i>Pycnonotus plumosus insularis</i>	
Cream-eyed Bulbul	<i>Pycnonotus pseudosimplex</i>	
Cream-vented Bulbul	<i>Pycnonotus simplex</i>	
Red-eyed Bulbul	<i>Pycnonotus brunneus</i>	
<b>(Sabah) Hairy-backed Bulbul</b>	<i>Tricholestes criniger</i>	
Hook-billed Bulbul	<i>Setornis criniger</i>	SEO
Finsch's Bulbul	<i>Alophoixus finschii</i>	SEO
<b>(Sabah) Yellow-bellied Bulbul</b>	<i>Alophoixus phaeocephalus connectens</i>	
<b>Gray-cheeked (Guttural) Bulbul (BE)</b>	<i>Alophoixus bres gutturalis</i>	
<b>Penan (Ochraceous) Bulbul (BE)</b>	<i>Alophoixus ruficrissus</i>	
<b>Charlotte's Bulbul (BE)</b>	<i>Iole charlottae</i>	
Cinereous Bulbul	<i>Hemixos cinereus</i>	
Streaked Bulbul	<i>Ixos malaccensis</i>	
<b>LEAF WARBLERS: Phylloscopidae</b>		
Yellow-breasted Warbler	<i>Seicercus montis</i>	
Mountain Leaf Warbler	<i>Phylloscopus trivirgatus kinabaluensis</i>	
<b>BUSH-WARBLERS AND ALLIES: Scotocercidae</b>		
<b>Bornean Stubtail (BE)</b>	<i>Urosphena whiteheadi</i>	



<b>Yellow-bellied (Sabah Bamboo Bush) Warbler</b>	<i>Abroscopus superciliaris</i>	
Mountain Tailorbird	<i>Phyllergates cucullatus</i>	
Sunda Bush-Warbler	<i>Horornis vulcanius</i>	
<b>WHITE-EYES, YUHINAS, and ALLIES: Zosteropidae</b>		
<b>Chestnut-crested Yuhina (BE)</b>	<i>Staphida everetti</i>	
<b>Pygmy White-eye (Heleia / Bornean Ibon) BE</b>	<i>Heleia squamifrons</i>	
Black-capped White-eye	<i>Zosterops atricapilla</i>	
<b>Mountain Black-eye (BE)</b>	<i>Chlorocharis emiliae</i>	
Hume's (Everett's) White-eye	<i>Zosterops auriventer</i>	SEO
<b>TREE-BABBLERS, SCIMITAR-BABBLERS and ALLIES: Timaliidae</b>		
Bold-striped Tit-Babbler	<i>Mixornis bornensis</i>	
Fluffy-backed Tit-Babbler	<i>Macronus ptilosus</i>	
<b>Chestnut-winged (Bicolored) Babbler (BE)</b>	<i>Cyanoderma erythropterum bicolor</i>	
Rufous-fronted Babbler (Sunda Leaf Babbler)	<i>Cyanoderma rufifrons</i>	
<b>Bare-headed Laughingthrush (BE)</b>	<i>Melanocichla calva</i>	
Chestnut-backed (Sunda) Scimitar-Babbler	<i>Pomatorhinus montanus bornensis</i>	
Black-throated Babbler	<i>Stachyris nigricollis</i>	
Chestnut-rumped Babbler	<i>Stachyris maculata</i>	
Gray-throated Babbler	<i>Stachyris nigriceps</i>	
Gray-headed Babbler	<i>Stachyris poliocephala</i>	
<b>GROUND BABBLERS and ALLIES: Pellorneidae</b>		
<b>Black-throated Wren-Babbler (BE)</b>	<i>Turdinus atrigularis</i>	
Sooty-capped Babbler	<i>Malacopteron affine</i>	
Scaly-crowned Babbler	<i>Malacopteron cinereum</i>	

Rufous-crowned Babbler	<i>Malacopteron magnum</i>	
<b>(Bornean) Moustached Babbler (BE)</b>	<i>Malacopteron magnirostre cinereocapilla</i>	
<b>(Sabah) Black-capped Babbler (BE)</b>	<i>Pellorneum capistratum morrelli</i>	
Short-tailed Babbler	<i>Pellorneum malaccense</i>	
Temminck's Babbler	<i>Pellorneum pyrrogenys</i>	
White-chested Babbler	<i>Pellorneum rostratum</i>	
Ferruginous Babbler	<i>Pellorneum bicolor</i>	
Striped Wren-Babbler	<i>Kenopia striata</i>	
<b>Horsfield's (Salvadori's Wren) Babbler (BE)</b>	<i>Turdinus sepiarius harteri</i>	
<b>Mountain Wren-Babbler (BE)</b>	<i>Turdinus crassus</i>	
<b>Bornean (Ground-) Wren-Babbler (BE)</b>	<i>Ptilocichla leucogrammica</i>	
<b>LAUGHINGTHRUSHES and ALLIES: Leiothrichidae</b>		
<b>Brown (Bornean) Fulvetta (BE)</b>	<i>Alcippe brunneicauda eriphaea</i>	
Sunda Laughingthrush	<i>Garrulax palliatus</i>	
<b>Chestnut-hooded Laughingthrush (BE)</b>	<i>Lanthocincla treacheri</i>	
<b>NUTHATCHES: Sittidae</b>		
Velvet-fronted Nuthatch	<i>Sitta frontalis</i>	
<b>STARLINGS: Sturnidae</b>		
Asian Glossy Starling	<i>Aplonis panayensis</i>	
Common Hill Myna	<i>Gracula religiosa</i>	
Javan Myna	<i>Acridotheres javanicus</i>	
<b>THRUSHES and ALLIES: Turdidae</b>		
<b>Everett's Thrush (BE)</b>	<i>Zoothera everetti</i>	
<b>Fruit-hunter (BE)</b>	<i>Chlamydochaera jefferyi</i>	



Orange-headed Thrush	<i>Geokichla citrina</i>	
<b>OLD WORLD FLYCATCHERS: Muscicapidae</b>		
Oriental Magpie-Robin	<i>Copsychus saularis</i>	
Rufous-tailed Shama	<i>Copsychus pyrrropygus</i>	
<b>White-crowned (White-rumped) Shama (BE)</b>	<b><i>Copsychus malabaricus stricklandii</i></b>	
White-rumped Shama	<b><i>Copsychus malabaricus</i></b>	SEO
Pale Blue Flycatcher	<i>Cyornis unicolor</i>	
<b>Dayak Blue Flycatcher (BE)</b>	<b><i>Cyornis montanus</i></b>	SEO
Long-billed (Large-billed) Blue-Flycatcher	<i>Cyornis caeruleus</i>	
Malaysian Blue-Flycatcher	<i>Cyornis turcosus</i>	
<b>Bornean Blue-Flycatcher (BE)</b>	<b><i>Cyornis superbus</i></b>	
Fulvous-chested Jungle-Flycatcher	<i>Cyornis olivaceus</i>	
Indigo Flycatcher	<i>Eumyias indigo</i>	
Verditer Flycatcher	<i>Eumyias thalassinus</i>	
<b>Eyebrowed Jungle-Flycatcher (BE)</b>	<b><i>Vauriella gularis</i></b>	
<b>White-browed (Bornean) Shortwing (BE)</b>	<b><i>Brachypteryx montana erythrogyna</i></b>	
<b>Bornean Whistling-Thrush (BE)</b>	<b><i>Myophonus borneensis</i></b>	
White-crowned (Sabah Lowlands) Forktail	<i>Enicurus leschenaulti</i>	
<b>White-crowned (Bornean) Forktail (BE)</b>	<b><i>Enicurus leschenaulti borneensis</i></b>	
Snowy-browed Flycatcher	<i>Ficedula hyperythra</i>	
Little Pied Flycatcher	<i>Ficedula westermanni</i>	
Rufous-chested Flycatcher	<i>Ficedula dumetoria</i>	
<b>FLOWERPECKERS: Dicaeidae</b>		
Yellow-breasted Flowerpecker	<i>Prionochilus maculatus</i>	

Yellow-rumped Flowerpecker (BE)	<i>Prionochilus xanthopygius</i>	
Scarlet-breasted Flowerpecker	<i>Prionochilus thoracicus</i>	
Brown-backed Flowerpecker	<i>Dicaeum everetti</i>	
Yellow-vented Flowerpecker	<i>Dicaeum chrysorrheum</i>	
Orange-bellied Flowerpecker	<i>Dicaeum trigonostigma</i>	
<b>Black-sided (Bornean) Flowerpecker (BE)</b>	<b><i>Dicaeum monticolum</i></b>	
Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	
<b>SUNBIRDS and SPIDERHUNTERS: Nectariniidae</b>		
Ruby-cheeked Sunbird (Rubycheek)	<i>Chalcoparia singalensis</i>	
Plain Sunbird	<i>Anthreptes simplex</i>	
Plain-throated (Brown-throated) Sunbird	<i>Anthreptes malacensis</i>	
Red-throated Sunbird	<i>Anthreptes rhodolaemus</i>	
Van Hasselt's (Purple-throated) Sunbird	<i>Leptocoma brasiliana</i>	
Copper-throated Sunbird	<i>Leptocoma calcostetha</i>	
Olive-backed (Ornate) Sunbird	<i>Cinnyris jugularis ornatus</i>	
Temminck's Sunbird	<i>Aethopyga temminckii</i>	
(Eastern / Lesser) Crimson Sunbird	<i>Aethopyga siparaja siparaja</i>	
Purple-naped Spiderhunter (Sunbird)	<i>Kurochkinogramma hypogrammicum</i>	
Thick-billed Spiderhunter	<i>Arachnothera crassirostris</i>	
Long-billed Spiderhunter	<i>Arachnothera robusta</i>	
Little Spiderhunter	<i>Arachnothera longirostra</i>	
<b>Whitehead's Spiderhunter (BE)</b>	<b><i>Arachnothera juliae</i></b>	
Yellow-eared Spiderhunter	<i>Arachnothera chrysogenys</i>	
Spectacled Spiderhunter	<i>Arachnothera flavigaster</i>	



Bornean Spiderhunter (BE)	<i>Arachnothera everetti</i>	
<b>FAIRY-BLUEBIRDS: Irenidae</b>		
Asian Fairy-bluebird	<i>Irena puella</i>	
<b>LEAFBIRDS: Chloropseidae</b>		
Greater Green Leafbird	<i>Chloropsis sonnerati</i>	
Lesser Green Leafbird	<i>Chloropsis cyanopogon</i>	
Bornean Leafbird (BE)	<i>Chloropsis kinabaluensis</i>	
<b>WEAVERS and ALLIES: Ploceidae</b>		
Baya Weaver	<i>Ploceus philippinus</i>	
<b>WAXBILLS and ALLIES: Estrildidae</b>		
Dusky Munia (BE)	<i>Lonchura fuscans</i>	
Scaly-breasted Munia (Nutmeg Mannikin)	<i>Lonchura punctulata</i>	
Chestnut (Black-headed) Munia	<i>Lonchura atricapilla jagori</i>	
<b>OLD WORLD SPARROWS: Passeridae</b>		
Eurasian Tree Sparrow	<i>Passer montanus</i>	
<b>WAGTAILS and PIPITS: Motacillidae</b>		
Paddyfield (Oriental) Pipit	<i>Anthus rufulus</i>	

H = heard-only

G = guide-only

SEO = only seen on the Sarawak pre-trip

**Bold / BE** = Bornean endemic

***Bold and Italicied* / BE** = potential Bornean endemic, if split

## MAMMAL LIST

FRUIT BATS and FLYING FOXES: Pteropodidae		
Large Flying Fox	<i>Pteropus vampyrus</i>	
HORSESHOE BATS: Rhinolophidae		
Acuminate Horseshoe Bat	<i>Rhinolophus acuminatus</i>	G
WRINKLE-LIPPED BATS: Molossidae		
Wrinkle-lipped Bat	<i>Tadarida plicata</i>	
TREESHREWS: Tupaiidae		
Slender Treeshrew (BE)	<i>Tupaia gracilis</i>	
Plain (Common) Treeshrew	<i>Tupaia logipes</i>	
Mountain Treeshrew (BE)	<i>Tupaia montana</i>	
Large Treeshrew	<i>Tupaia tana</i>	
COLUGOS: Cynocephalae		
Bornean Colugo (BE)	<i>Galeopterus borneanus</i>	
TARSIERS: Tarsiidae		
Western Tarsier	<i>Cephalopachus bancanus</i>	
LORISES: Lorisinae		
Philippine Slow Loris	<i>Nycticebus menagensis</i>	
OLD WORLD MONKEYS: Cercopithecidae		
Red Langur (Maroon Langur/Leaf-Monkey) BE	<i>Presbytis rubicunda</i>	
Silvered Langur (Leaf-Monkey)	<i>Trachypithecus cristatus</i>	
Proboscis Monkey (BE)	<i>Nasalis larvatus</i>	
Long-tailed (Crab-eating) Macaque	<i>Macaca fascicularis</i>	
Pig-tailed Macaque	<i>Macaca nemestrina</i>	



<b>GIBBONS: Hylobatidae</b>		
North Borneo Gibbon (BE)	<i>Hylobates funereus</i>	
<b>GREAT APES (Hominids): Hominidae</b>		
Bornean Orangutan (BE)	<i>Pongo pygmaeus</i>	
<b>SQUIRRELS: Sciuridae</b>		
Prevost's Squirrel	<i>Callosciurus prevostii</i>	
Jentink's Squirrel (BE)	<i>Sundasciurus jentinki</i>	
Horse-tailed Squirrel	<i>Sundasciurus hippurus</i>	
Plantain Squirrel	<i>Callosciurus notatus</i>	
Bornean Black-banded Squirrel (BE)	<i>Callosciurus orestes</i>	
Bornean (Plain) Pigmy Squirrel (BE)	<i>Exilisciurus exilis</i>	
Whitehead's Pigmy Squirrel (BE)	<i>Exilisciurus whiteheadi</i>	
Giant Squirrel	<i>Ratufa affinis</i>	
Bornean Mountain Ground Squirrel (BE)	<i>Dremomys everetti</i>	
<b>FLYING SQUIRRELS: Petauristinae</b>		
Thomas's Flying Squirrel (BE)	<i>Aeromys thomasi</i>	
Red Giant Flying Squirrel	<i>Petaurista petaurista</i>	
<b>MARTENS, WEASELS, OTTERS, and BADGERS: Mustelidae</b>		
Yellow-throated Marten	<i>Martes flavigula</i>	SEO
Malay Weasel	<i>Mustela nudipes</i>	
<b>CIVETS: Viverridae</b>		
Bornean Striped Palm Civet (BE)	<i>Arctogalidia stigmatica</i>	
Masked Palm Civet	<i>Paguma larvata</i>	

ELEPHANTS: Elephantidae		
Bornean Pygmy Elephant (BE)	<i>Elephas maximus borneensis</i>	
MOUSEDEER: Tragulidae		
Lesser Mousedeer	<i>Tragulus kanchil</i>	
DEER: Cervidae		
Sambar Deer	<i>Cervus unicolor</i>	
<b>Bornean Yellow Muntjac (BE)</b>	<b><i>Muntiacus atherodes</i></b>	H
Red Muntjac	<i>Muntiacus muntjak</i>	

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## REPTILE & AMPHIBIAN LIST

shrub frog sp.	<i>Philautus</i> sp.
Saltwater Crocodile	<i>Crocodylus porosus</i>
Rough Mabuya	<i>Eutropis rudis</i>
Asian Forest Skink sp.	<i>Sphenomorphus</i> sp.
Rough Mabuya	<i>Eutropis rudis</i>
Sabah Slender Skink	<i>Sphenomorphus sabanus</i>
Flat-tailed House Gecko	<i>Hemidactylus platyurus</i>
Tokay Gecko	<i>Gekko gekko</i>
Asian Water Monitor	<i>Varanus salvator</i>
Black-barbed Flying Dragon	<i>Draco melanopogon</i>
Green Crested Lizard	<i>Bronchocela cristatella</i>
Bornean Forest Dragon	<i>Gonocephalus bornensis</i>



North Philippine Temple Pitviper	<i>Tropidolaemus subannulatus</i>
Mangrove Cat Snake	<i>Boiga dendrophila annectens</i>
Bronzeback sp.	<i>Dendrelaphis</i> sp.

## BUTTERFLY LIST

SKIPPERS: Hesperidae	
Skipper sp.	<i>Ancistroides</i> sp.
Yellow Banded Awl	<i>Hasora schoenherr</i>
Plain Banded Awl	<i>Hasora vitta</i>
Branded Skipper sp.	<i>Hesperia</i> sp.
Pied Flat	<i>Tagiades japetus</i>
SWALLOWTAILS: Papilionidae	
Tailed Jay	<i>Graphium agamemnon</i>
Black-and-white Helen Swallowtail	<i>Papilio nephelus</i>
Malayan Birdwing	<i>Troides amphrysus</i>
Borneo Birdwing	<i>Troides andromache</i>
WHITES & SULPHURS: Pieridae	
Striped Albatross	<i>Appias libythea</i>
Chocolate Albatross	<i>Appias lyncida</i>
Orange Gull	<i>Cepora iudith</i>
Red-based Jezebel	<i>Delias pasithoe</i>
Broad-bordered Grass Yellow	<i>Eurema brigitta</i>
Common Grass Yellow	<i>Eurema hecabe</i>
Psyche	<i>Leptosia nina</i>

BLUES & HAIRSTREAMS: Lycaenidae	
Pointed Ciliate Blue	<i>Anthene lycaenina</i>
Witch	<i>Araotes lapithis</i>
White-dot Oakblue	<i>Arhopala democritus</i>
Major Yellow Oakblue	<i>Arhopala major</i>
Hairstreak sp.	<i>Sinthus</i> / <i>Araotes</i> sp.
Common Posy	<i>Drupadia ravindra</i>
Dark Posy	<i>Drupadia theda</i>
Gram Blue	<i>Euchrysops cnejus</i>
Lesser Cerulean	<i>Jamides talinga</i>
Orange Imperial	<i>Ritra aurea</i>
METALMARKS: Riodinidae	
Malay Tailed Judy	<i>Abisara savitri</i>
Malay Red Harlequin	<i>Paralaxita damajanti</i>
Common Red Harlequin	<i>Paralaxita telesia</i>
BRUSHFOOTS: Nymphalidae	
Abnormal Sergeant	<i>Athyma clerica</i>
Dot-Dash Sergeant	<i>Athyma kanwa</i>
Lesser Cell-streak Sergeant	<i>Athyma matanga</i>
Common Sergeant	<i>Athyma perius</i>
Unbroken sergeant	<i>Athyma pravara</i>
Tawny Rajah	<i>Charaxes bernardus</i>
Banded Yeoman	<i>Cirrochroa orissa</i>
Satellite Yeoman	<i>Cirrochroa satellita</i>

Rustic	<i>Cupha erymanthis</i>
Eyed Cyclops	<i>Erites argentina</i>
Purple Duke	<i>Eulaceura osteria</i>
Striped Blue Crow Butterfly	<i>Euploea mulciber</i>
Magpie Crow Butterfly	<i>Euploea radamanthus</i>
Purple Crow Butterfly	<i>Euploea tulliolus</i>
Yellow Baron	<i>Euthalia kanda</i>
Faun Butterfly sp.	<i>Faunis</i> sp.
Great Eggfly	<i>Hypolimnias bolina</i>
Paper Butterfly sp.	<i>Idea</i> sp.
Blue Glassy Tiger	<i>Ideopsis vulgaris</i>
Brown Pansy	<i>Junonia hedonia</i>
Chocolate Pansy	<i>Junonia iphita</i>
Blue Pansy	<i>Junonia orithya</i>
Angled Red Forester	<i>Lethe chandica</i>
Yellow Archduke	<i>Lexias canescens</i>
Black-tipped Archduke	<i>Lexias dirtea</i>
Commander	<i>Moduza procris</i>
Amoena Bushbrown	<i>Mycalesis amoena</i>
Tawny Bushbrown	<i>Mycalesis anapita</i>
Malayan Bushbrown	<i>Mycalesis fusca</i>
Malayan Owl	<i>Neorina lowii</i>
Common Sailer	<i>Neptis hylas</i>
Colonel	<i>Pandita sinope</i>



Yellow Glassy Tiger	<i>Parantica aspasia</i>
Clipper	<i>Parthenos sylvia</i>
Common Nawab	<i>Polyura athamas</i>
Striped Ringlet	<i>Ragadia makuta</i>
Kinabalu White-banded Count	<i>Tanaecia amisa</i>
Short-banded Viscount	<i>Tanaecia aruna</i>
Horsfield's Baron	<i>Tanaecia iapis</i>
Orphne Viscount	<i>Tanaecia orphne</i>
Malay Viscount	<i>Tanaecia pelea</i>
Dark Blue Jungle Glory	<i>Thaumantis klugius</i>
Dark Jungle Glory	<i>Thaumantis noureddin</i>
Malayan Jungle Glory	<i>Thaumantis odana</i>
Tufted Jungle King	<i>Thauria aliris</i>
Vagrant	<i>Vagrans sinha</i>
Malay Cruiser	<i>Vindula dejone</i>
Yellow Banded Nymph	<i>Xanthotaenia busiris</i>
Malayan Five-ring	<i>Ypthima horsfieldii</i>
Common Three-ring	<i>Ypthima pandocus</i>
Giant Saturn	<i>Zeuxidia aurelius</i>