Borneo

August 1–19, 2015

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Borneo! The very name conjures images of steaming jungles and towering trees, odd and wonderful wildlife found nowhere else on earth, strange carnivorous plants, and exotic and unfamiliar birds. Our 2015 tour experienced all of this and much more on our visit to this unique island, the world’s third largest. We ranged from the cool and wet heights of Kinabalu, the highest mountain between New Guinea and the Himalayas, to the primeval rainforests of the Danum Valley. In between were other lowland forests and explorations by boat of the lower Kinabatangan River region. All combined they made for a very successful trip, complemented by many delightful meals, good accommodations, friendly people, and our very talented local guides, Adrian Chin and Hazwan Suban.

Our first excursion from the modern and attractive city of Kota Kinabalu took us to a remnant coastal peat swamp forest, a specialized environment with poor soils that are flooded and saturated at times, but also dry enough to burn. Here we glimpsed our first macaques and gained an introduction to the lowland avifauna. Our best finds were the Black-bellied Malkoha that we followed down the trail and the beautiful big Red-crowned Barbets that needed a lot of coaxing before they finally came into view. Nepenthes pitcher plants, typical of this habitat, were studied along the boardwalk, while the many colorful butterflies delighted us. A late afternoon bird walk back at the Tanjung Aru Resort was highlighted by a long study of a Blue-naped Parrot feeding on *Casuarina* cones, but also yielded great looks at the Sunda Woodpecker, Pied Triller, and Common Iora, typical coastal garden birds that we would not see again.

The second day found us creeping up through the foothills of the Crocker Range, only to have the weather catch us as the rain began. Before long we found ourselves held up by a muddy landslide across the road, but though it was cleared within an hour, the rain had not stopped, so we sat and enjoyed coffee and tea in a local café as we waited it out. Eventually it did stop as we visited the Rafflesia Center (no flowers in bloom, but a nice display), and here we found our first mid-elevation mountain birds, including endemics like the Mountain Barbet, Bornean Bulbul, and the male Black-sided Flowerpecker practically at our feet as it fed on melostome berries. Several lively mixed-flocks produced birds like the Gray-chinned Minivet, Bornean Whistler, Chestnut-hooded Laughingthrushes, a male Black-and-Crimson Oriole, active Chestnut-naped Yuhinas and more.

Dawn the next day found us at the edge of the gorgeous montane forest at Kinabalu National Park, with a shy Bornean Green-Magpie foraging in the open, the endemic Eye-browed Jungle-Flycatcher jumping out of the forest edge and landing on the ground nearby, and a pair of shy and scarce Bald-headed Laughingthrushes bounding through the mid-story. As we explored further, we discovered that squirrels of many sizes were abundant here, including the tiny Whitehead’s Pygmy-Squirrel with its fancy white ear tufts. The squirrels were more conspicuous than most of the birds, but steadily we dug out more of the specialties, even as the fog, wind, and rain made viewing conditions difficult much of the time. Golden-naped Barbet, Checker-throated and Orange-backed woodpeckers, Bornean Treepie, Sunda Laughingthrush, Indigo Flycatcher, Bornean Whistling-Thrush, Mountain Black-eye, and Temminck’s Sunbird all appeared through the course of the day. Unfortunately, the wet weather persisted through the next morning, so that afternoon we drove downhill to the Poring Hot Springs in the foothills and got out from under the rain. A big treat here was a chance to see the amazing *Rafflesia* in bloom. This parasitic plant is one of the wonders of the botanical world, producing the world’s largest flower, a big fleshy mass, and though it takes nine months for the bud to develop, the flower only lasts for less than a week. We were lucky to see this especially nice specimen! Poring itself provided us with a variety of barbets.
bulbuls, flowerpeckers and more. Finally, on our last morning on the mountain, the weather improved, and we were delighted to see that the many small birds in the mixed-flocks actually had some color. Commonly heard—but rarely seen—Crimson-headed Partridges crossed the trail in front of us, and a final walk inside the gorgeous forest produced one of the very finest birds of the mountain, a stunning male Whitehead’s Broadbill that just sat and sat for us.

Now it was time to start our explorations of the lowland forests, at the Sepilok Forest Reserve. We began on the wonderfully sturdy canopy walkway, where birds appeared in quick succession, many of them at eye level and almost all of them new to us. A favorite was the colorful little Black-and-yellow Broadbill, but our first hornbills, the Black, caused the greatest excitement when they flew through the tall trees and landed. As the day warmed up, we descended the walkway to explore the shadier forest trails, where a stunning Rufous-backed Dwarf-Kingfisher sat still at close range for a long time, and Raffles’s Malkohas and babblers foraged in the viny understory for insects. We learned that bulbuls are abundant and diverse in these forests, not only providing the dawn chorus, but also swarming in the small fruiting trees, the many look-alikes guaranteed to confuse. Here too were numerous spiderhunters—we picked out four species for sure—and several sunbirds. An afternoon visit to the Orang-Utan Rehabilitation Center, an excellent facility that prepares captive and orphaned animals for release back into the wild when possible, gave us a wonderful introduction to these captivating creatures. A second morning at Sepilok yielded yet more special birds of the lowland forests. Shortly after daybreak we saw four species of woodpeckers in quick succession and then tracked down our first trogon, a male Red-naped. Even better was the incredible pair of Rufous-collared Kingfishers that posed in the shady understory for a lengthy photo session. This forest species is heard often, but rarely spotted—thanks Hazwan! We also found a nice mixed-flock of forest insectivores, including the striking Black-throated Babbler, though some of the group were distracted by the troop of Pig-tailed Macaques moving slowly through the forest at the same time, the male a huge and somewhat fearsome baboon-like monkey.

After a big lunch in Sandakan, we boarded the boat to begin the next phase of our explorations, up the lower Kinabatangan River, Sabah’s largest. As we crossed the bay at Sandakan, a magnificent White-bellied Sea-Eagle circled slowly overhead, and then we entered a maze of channels through the mangrove forests, with Lesser Adjutants strolling on the tidal mudflats. It wasn’t long before we were in the main course of the river and our first Proboscis Monkeys greeted us. This amazing and rather comical creature is one of the iconic animals of Borneo and here, in the heart of their favored habitat, we were to see them often and in abundance, including the six troops seen before we even got to Abai Lodge! Here, and at Sukau Lodge a little farther upriver, we would spend our mornings and late afternoons on very productive (and refreshing) cruises by boat, watching all the while for wildlife along the riverbanks and side streams. Monkeys of four species were abundant, and the antics of the weird-looking baby Long-tailed Macaques were especially amusing, while the Maroon Langurs (aka Red Leaf Monkeys) seemed relaxed in comparison. Notable birds appeared one after another, from endangered Storm’s Storks to a variety of raptors, including both Gray-headed and Lesser fish-eagles, to skulkers like a stunning Hooded Antpitta and sneaky White-breasted Babblers. One especially memorable late afternoon cruise produced 5 species of hornbills, including 7 of the giant Rhinoceros, a tight flock of 9 Bushy-crested that chased a Wallace’s Hawk-Eagle, and a surprise Wreathed that flew across the river against a colorful sunset. Night walks and a night cruise gave us a chance to see some of the smaller nocturnal prowlers, while it was downright strange to see our first Malaysian Blue-Flycatchers and Black-and-red Broadbills on their night roosts, plus the Blue-eared and Stork-billed kingfishers that allowed a close approach and incredibly bold Buffy Fish-Owls near both lodges.

From Sukau we left the river behind, boarded our van, and drove to the Gomantong Caves, finding a nice selection of birds along the entry road. The cave itself was full of small cave specialists, from insects and arthropods to bats and 4 species of swiftlets, each with a distinctive nest, but it was also a rather smelly and messy experience not savored by all! From the nearby town of Lahad Datu, we then made our way
down the long road to the Borneo Rain Forest Lodge in the heart of the Danum Valley, the forest and trees becoming more impressive with every passing kilometer. We arrived at this incredibly beautiful site along the Danum River after a midafternoon shower, as the towering trees dripped and the mist rose, and we weren’t here long before a Bornean Gibbon was spotted high up in an emergent tree on the opposite hillside, a very fortuitous beginning to our time here. Though we would hear wonderful choruses from these shy apes daily, we never saw another one.

Since we had not yet seen an Orang-Utan in the wild, this became our top priority. We had barely started out from the lodge our first morning here before we got word that a male had been located nearby. Moving quickly, we were soon watching this incredible animal as it slowly swung through the mid-story and moved away from its night nest to forage. In the following days we would accumulate three more sightings of this magnificent animal, unfortunately now an increasingly rare sight except in a few very special places like Danum.

These towering forests, some of the oldest and richest on earth, provided us with a wealth of other sightings too. At times birds were abundant and obvious as they came in and out of the fruiting trees to feed, while at other times it took patience and persistence, but every day brought its rewards. Certainly one of our best finds was the enigmatic and unique Bornean Bristlehead, seen at length in the giant trees along the entry road on two different days, but we also thrilled to birds like the giant hornbills, Blue-throated Bee-eaters, a Green Broadbill, gorgeous Black-headed Pittas, and the rare Straw-headed Bulbul. Mixed-flocks with a variety of broadbills, babblers, Malkohas, and others roamed the forest interior, perhaps not as exciting as the more colorful and conspicuous birds, but just as important a part of this complex web. Night drives were highlighted by a fabulous Leopard Cat that strolled down the road in front of us and a cute Slow Loris feeding in a fruiting tree, while one evening at the lodge we had not even left the dinner table before a Sambar Deer was spotted in front of the deck and a Brown Wood-Owl came to hunt around the lights. On our final night here it began to rain heavily after midnight, and dawn was a bit discouraging, but we were not through with Danum yet, for just after breakfast the group found a stunning pair of Crested Firebacks parading around under the boardwalk to the rooms! We followed them with cameras in-hand for 15 minutes or more, the rain let up, and we departed on a final hike through some very tall forest downriver. Here we were enchanted by a responsive pair of Striped Wren-Babblers sitting side by side, but the grand finale came as we worked our way back to the lodge, when a well-known old male Orang-utan named “Abu” was found slowly and methodically feeding just beside the trail. It was a humbling experience to watch him at length, as he ignored us, and a fitting conclusion to our very successful Borneo tour.

**ITINERARY:**

**August 3, 2015; Day 1:** the group gathers for dinner at the Tanjung Aru Resort in Kota Kinabalu.

**August 4; Day 2:** early departure for Klias Peat Swamp Field Center for the morning; after lunch we returned to the Tanjung Aru Resort for a late afternoon walk around the grounds and nearby.

**August 5; Day 3:** Rafflesia Center in the Crocker Range in Tambunan District; late afternoon travel to the Zen Garden Resort near Kinabalu National Park.

**August 6; Day 4:** morning and afternoon excursions to Kinabalu National Park, to the end of the road at the Timpohon Gate to the trail up the mountain.

**August 7; Day 5:** morning excursion back to Kinabalu National Park; afternoon trip to Poring Hot Springs in the foothills, with a slight detour to see a flowering Rafflesia.

**August 8; Day 6:** morning excursion to Kinabalu National Park, working from the Timpohon Gate down and including a short distance down a trail into the forest. After lunch we said goodbye to Adrian and met Hazwan, and then traveled to Sandakan.
August 9; Day 7: morning visit to the canopy walkway and trails at the Rainforest Discovery Center at Sepilok Reserve. Afternoon at the Sun Bear Exhibit and then the Orangutan Rehabilitation Center at Sepilok.

August 10; Day 8: morning return to the trails at Sepilok Reserve; lunch in Sandakan and then afternoon boat cruise across the bay to the mangroves and the up the lower reaches of the Kinabatangan River to Abai Lodge. Late afternoon boat excursion on the river from Abai Lodge.

August 11; Day 9: early morning boat trip from Abai Lodge to the oxbow lake, followed by breakfast and birding on the lodge boardwalk. Late morning upriver for an hour to Sukau Lodge. Late afternoon boat excursion from Sukau.

August 12; Day 10: morning boat cruise up a small tributary near Sukau Lodge; late afternoon boat excursion on the main river (after a mid-afternoon rainshower).

August 13; Day 11: early morning departure from Sukau for the Gomantong Caves, where we birded the entry road, trail to the cave and the cave itself before driving to Lahad Datu for lunch. After lunch we traveled to the Borneo Rain Forest Lodge in the Danum Valley, arriving just after a rainshower.

August 14; Day 12: morning walk from the lodge to the staff quarters (to view our first Orangutan) and then out the entry road, looping back along the Hornbill Trail. Late afternoon walk along the river and the entry road.

August 15; Day 13: early morning departure for the canopy walkway, returning to the lodge along the entry road. Light rain in the mid-afternoon didn’t stop us from going a short distance downriver for another Orangutan sighting.

August 16; Day 14: morning along the entry road some distance out from the lodge (very productive). Afternoon near the lodge and on the short hike up to the “Jacuzzi Pool” on the hillside.

August 17; Day 15: morning again along the entry road well out from the lodge. Afternoon along the road near the lodge.

August 18; Day 16: heavy rain overnight (after midnight until dawn), but it lifted shortly after dawn so we made a nice final hike through the forest downriver, highlighted by “Abu”, an older male Orangutan that is well known to the lodge guides. After packing up and lunch we drove to Lahad Datu for a late afternoon flight back to Kota Kinabalu and the Tanjung Aru Resort.

August 19; Day 17: departure from Kota Kinabalu for home or on-going travels.

KEY:

KK = Kota Kinabalu area, in particular around the Tanjung Aru Resort and nearby.
Klias = Klias Peat Swamp Field Center (in the morning on August 4).
RC = the Rafflesia Center in the Crocker Range in Tambunan District (August 5).
KNP = Kinabalu National Park and nearby.
Por = Poring Hot Springs, in the foothills of Kinabalu National Park.
Sand = the open country surrounding Sandakan city.
Sep = Sepilok Reserve area, including the Rainforest Discovery Center and the Orangutan Rehabilitation Center.
Abai = Abai Lodge and nearby areas on the lower Kinabatangan River.
Suk = Sukau Lodge and nearby areas on the lower Kinabatangan River.
Gom = Gomantong Caves, including the entry road.
Dan = the Danum Valley in the vicinity of the Borneo Rain Forest Lodge.
hd = heard

BIRDS: Borneo endemics are bolded. The checklist order, and common and scientific names, are those given in “The Clements Checklist of Birds of the World” and supplements: Cornell University Press. Subspecies are provided for a few species for which there are known taxonomic issues.

Ducks, Geese & Waterfowl: Anatidae

Wandering Whistling-Duck (*Dendrocygna arcuata*) – Suk (pair glimpsed in flight).
Pheasants, Grouse & Allies: Phasianidae

Red-breasted Partridge (*Arborophila hyperythra*) – KNP (seen by Bob, but heard only for the rest of us).
Chestnut-necklaced Partridge (*Arborophila charltonii*) – Abai (hd), Suk (seen by some).
**Crimson-headed Partridge** (*Haematoryx sanguiniceps*) - KNP
Crested Fireback (*Lophura ignita*) - Dan
Great Argus (*Argusianus argus*) – Dan (heard only).

Storks: Ciconiidae
Storm’s Stork (*Ciconia stormi*) – Suk, Dan
Lesser Adjutant (*Leptoptilos javanicus*) – Abai, Suk

Anhingas: Anhingidae
Oriental Darter (*Anhinga melanogaster*) – Abai, Suk

Herons, Egrets & Bitterns: Ardeidae
Cinnamon Bittern (*Ixobrychus cinnamomeus*) – Klias (flew across the road near Beaufort).
Purple Heron (*Ardea purpurea*) – Klias, Abai, Suk
Great Egret (*Ardea (Egretta) alba*) – Klias, KK, Sand, Abai, Suk
Intermediate Egret (*Mesophoyx intermedia*) – Klias (en route)
Little Egret (*Egretta garzetta*) – Klias, Abai, Suk
Pacific Reef-Heron (*Egretta sacra*) - KK
Cattle Egret (Eastern Cattle Egret) (*Bubulcus ibis coromandus*) – KK, Klias, Lahad Datu
Striated (Little) Heron (*Butorides striata*) – KK, Abai, Suk

Hawks, Eagles & Kites: Accipitridae
Oriental Honey-buzzard (*Pernis ptilorhynchus*) - Dan
Jerdon’s Baza (*Aviceda jedoni*) - Dan
Crested Serpent-Eagle (*Spilornis cheela*) – Klias, Sep, Abai, Suk, Dan
Bat Hawk (*Macheiramphus alcinus*) – Suk, Gom
Changeable Hawk-Eagle (*Nisaetus (Spizaetus) limnaetetus*) – Sep, Abai, Dan
Wallace’s Hawk-Eagle (*Nisaetus nanus*) – Suk, Dan
Rufous-bellied Eagle (*Lophotriorchis kienerii*) – Sep, Dan
Crested Goshawk (*Accipiter trivirgatus*) – Abai, Suk, Dan
Brahminy Kite (*Haliastur indus*) – Abai, Suk
White-bellied Sea-Eagle (*Haliaeetus leucogaster*) – KK, Abai
Lesser Fish-Eagle (*Ichthyophaga humilis*) – Abai, Suk
Gray-headed Fish-Eagle (*Ichthyophaga ichthyaeus*) - Abai

Rails, Gallinules & Coots: Rallidae
White-breasted Waterhen (*Amaurornis phoenicurus*) – Klias, Sep, Suk

Sandpipers & Allies: Scolopacidae
Common Sandpiper (*Actitis hypoleucos*) - Abai

Pigeons & Doves: Columbidae
Rock (Feral) Pigeon (*Columba livia*) – KK to Beaufort, Sand, Lahad Datu (introduced).
Spotted Dove (*Streptopelia chinensis*) – KK, Klias, Sand, Sep, Lahad Datu
Little Cuckoo-Dove (*Macropygia ruficeps*) - KNP
Emerald Dove (*Chalcophaps indica*) – Klias, Sep, Gom, Dan
Zebra Dove (*Geopelia striata*) – KK, Sand (introduced).
Little Green-Pigeon (*Treron olax*) – Klias, Abai, Suk
Pink-necked Pigeon (*Treron vernans*) – KK, Abai
Cinnamon-headed Pigeon (*Treron fulvicollis*) - Abai
Thick-billed Pigeon (*Treron curvirostra*) - Dan
Green Imperial-Pigeon (*Ducula aenea*) – KK, Sep, Abai, Suk, Gom, Dan
Mountain Imperial-Pigeon (*Ducula badia*) - KNP

Cuckoos: Cuculidae
Moustached Hawk-Cuckoo (*Hierococcyx vagans*) – Suk (seen by a few).
Banded Bay Cuckoo (*Cacomantis sonneratii*) - Sep
Violet Cuckoo (*Chrysococcyx xanthorhynchus*) - Dan
Black-bellied Malkoha (*Phaenicophaeus diardi*) - Dan
Chestnut-bellied Malkoha (*Phaenicophaeus sumatranus*) - Klias
Raffles’s Malkoha (*Phaenicophaeus chlorophaeus*) – Klias, Sep, Suk, Dan
Red-billed Malkoha (*Phaenicophaeus javanicus*) – Abai, Suk, Dan
Chestnut-breasted Malkoha (*Phaenicophaeus curvirostris*) – Sep, Abai, Dan
Greater Coucal (*Centropus sinensis*) – Klias, Sep, Suk

**Owls:** *Strigidae*
- Buffy Fish-Owl (*Ketupa ketupu*) – Abai, Suk, Dan
- Brown Wood-Owl (*Strix leptogrammica*) - Dan

**Swifts:** *Apodidae*
- Silver-rumped Needletail (*Rhipidura leucopygialis*) – Por, Sep, Dan
- Glossy Swiftlet (*Collocalia esculenta*) – all areas and seen daily.
- Mossy-nest Swiftlet (*Aerodramus salangana*) - Gom
- Black-nest Swiftlet (*Aerodramus maximus*) - Gom
- White-nest Swiftlet (*Aerodramus fuciphagus*) - Gom
- House Swift (*Apus nipalensis*) - Beaufort

**Treeswifts:** *Hemiprocnidae*
- Gray-rumped Treeswift (*Hemiprocnas longipennis*) – Por, Sep, Dan
- Whiskered Treeswift (*Hemiprocnas comata*) - Dan

**Trogons:** *Trogonidae*
- Red-naped Trogon (*Harpactes kasumba*) - Sep
- Diard’s Trogon (*Harpactes diardii*) - Dan
- Scarlet-rumped Trogon (*Harpactes duvaucelii*) – Gom, Dan

**Kingfishers:** *Alcedinidae*
- Blue-eared Kingfisher (*Alcedo meninting*) – Abai, Suk
- Blue-banded Kingfisher (*Alcedo euryzona*) - Dan
- Rufous-backed (Oriental Dwarf) Dwarf-Kingfisher (*Ceyx rufidorsa*) – Sep, Abai, Suk, Dan
- Stork-billed Kingfisher (*Pelargopsis capensis*) – Abai, Suk, Dan
- Ruddy Kingfisher (*Halcyon coromanda*) – Abai (hd), Suk (hd) (heard only).
- Collared Kingfisher (*Todiramphus chloris*) – Klias, KK, Sand, Abai, Lahad Datu
- Rufous-collared Kingfisher (*Actenoides concretus*) - Sep

**Bee-eaters:** *Meropidae*
- Red-bearded Bee-eater (*Nyctyornis amictus*) - Dan
- Blue-throated Bee-eater (*Merops viridis*) – Klias, Sep, Abai, Suk, Dan

**Rollers:** *Coraciidae*
- Dollarbird (*Eurystomus orientalis*) – Abai, Suk

**Hornbills:** *Bucerotidae*
- Oriental Pied-Hornbill (*Anthracoceros albirostris*) – Sep, Abai, Suk, Gom
- Black Hornbill (*Anthracoceros malayanus*) – Sep, Suk, Dan
- Rhinoceros Hornbill (*Buceros rhinoceros*) – Abai, Suk, Dan
- Helmeted Hornbill (*Buceros vigil*) – Dan (seen by a lucky few).
- Bushy-crested Hornbill (*Anorrhinus galeritus*) – Suk, Dan
- Wreathed Hornbill (*Aceros undulatus*) – Suk, Dan

**Asian Barbets:** *Megalaimidae*
- Brown Barbet (*Calorhamphus fuliginosus*) – Sep, Abai, Dan
- Blue-eared Barbet (*Psilopogon duvaucelii*) – Klias, Sep, Gom, Dan
- Red-crowned Barbet (*Psilopogon rafflesii*) - Klias
- Red-throated Barbet (*Psilopogon mystacophanos*) – Por, Suk, Gom (hd), Dan
Golden-naped Barbet (*Psilopogon pulcherrima*) - KNP
Yellow-crowned Barbet (*Psilopogon henricii*) - Dan
Mountain Barbet (*Psilopogon monticola*) - RC
Gold-faced Barbet (*Psilopogon chrysopsis*) – Por (hd), Dan

Woodpeckers: *Picidae*
Rufous Piculet (*Sasia abnormis*) - Abai
Sunda Woodpecker (*Dendrocopos moluccensis*) – KK, Abai
White-bellied Woodpecker (*Dryocopus javensis*) – Dan (heard only).
Banded Woodpecker (*Picus miniaceus*) – Sep, Dan
Crimson-winged Woodpecker (*Picus puniceus*) - Dan
Checker-throated Woodpecker (*Picus mentalis*) - KNP
Common Flameback (*Dinopium javanense*) - Abai
Rufous Woodpecker (*Micropterus brachyurus*) - Dan
Buff-rumped Woodpecker (*Meiglyptes tristis*) – Sep, Dan
Buff-necked Woodpecker (*Meiglyptes tukki*) – Sep, Gom, Dan
Maroon Woodpecker (*Blythipicus rubiginosus*) - Dan
Orange-backed Woodpecker (*Reinwardtipicus validus*) - KNP
Gray-and-buff Woodpecker (*Hemicircus concretus*) – Sep-

Falcons & Caracaras: *Falconidae*
White-fronted Falconet (*Microhierax latifrons*) – Sep, Dan

Old World Parrots: *Psittaculidae*
Blue-rumped Parrot (*Psittinus cyanurus*) - Dan
Long-tailed Parakeet (*Psittacula longicauda*) – Sep, Abai
Blue-naped Parrot (*Tanygnathus lucionensis*) – KK (introduced).
Blue-crowned Hanging-Parrot (*Loriculus galgulus*) – Klias, Sep, Abai, Suk, Dan

Asian & Grauer's Broadbills: *Eurylaimidae*
Black-and-red Broadbill (*Cymbirhynchus macrorhynchos*) – Suk, Dan
Banded Broadbill (*Eurylaimus javanicus*) - Dan
Black-and-yellow Broadbill (*Eurylaimus ochromalus*) – Sep, Suk, Dan

Pittas: *Pittidae*
Black-headed Pitta (*Erythropitta ussheri*) – Sep, Dan
Blue-headed Pitta (*Hydrornis baudii*) - Dan
Hooded Pitta (*Pitta sordida*) – Sep (hd), Suk

Vangas, Helmetshrikes & Allies: *Vangidae*
Large Wood-Shrike (*Tephrodornis gularis*) - Dan
Black-winged Flycatcher-Shrike (*Hemipus hirundinaceus*) – Suk, Gom, Dan
Rufous-winged Philentoma (*Philentoma pyrhoptera*) – Sep, Abai, Dan
Maroon-breasted Philentoma (*Philentoma velata*) – Suk, Dan

Woodswallows: *Artamidae*
White-breasted Woodswallow (*Artamus leucorhynchus*) – Klias (en route), RC, Ranau, Suk

Bristlehead: *Ptyriaseidae*
Bornean Bristlehead (*Pityriasis gymnocephala*) - Dan

Ioras: *Aegithinidae*
Common Iora (*Aegithina tiphia*) – KK, Abai
Green Iora (*Aegithina viridissima*) – Sep, Gom, Dan

Cuckooshrikes: *Campephagidae*
Fiery Minivet (*Pericrocotus igneus*) – Sep, Abai
Gray-chinned Minivet (*Pericrocotus solaris*) - KNP
Pied Triller (*Lalage nigra*) - KK
Lesser Cuckoo-Shrike (*Lalage fimbriata*) - Dan

**Whistlers & Allies: Pachycephalidae**

**Bornean Whistler** (*Pachycephala hypoxantha*) – RC, KNP

**Vireos, Shrike-Babblers & Erpornis: Vireonidae**

Pied (White-browed) Shrike-Babbler (*Pteruthius flaviscapix*) – RC, KNP
White-bellied Erpornis (*Erpornis zantholeuca*) – Sep, Dan

**Old World Orioles: Oriolidae**

Dark-throated Oriole (*Oriolus xanthonotus*) – Dan
Black-and-crimson Oriole (*Oriolus cruentus*) - RC

**Drongos: Dicruridae**

Ashy Drongo (*Dicrurus leucophaeus*) – RC, KNP
Bronzed Drongo (*Dicrurus aeneus*) – Sep, Gom, Dan
Hair-crested Drongo (*Dicrurus hottentottus*) - KNP
Greater Racket-tailed Drongo (*Dicrurus paradiseus*) – Sep, Suk, Dan

**Fantails: Rhipiduridae**

Spotted Fantail (*Rhipidura perlata*) - Dan
Malaysian Pied-Fantail (*Rhipidura javanica*) – KK, Abai, Suk, Dan
White-throated Fantail (*Rhipidura albicollis*) – RC, KNP

**Monarch Flycatchers: Monarchidae**

Black-naped Monarch (*Hypothymis azurea*) – Sep, Suk, Gom, Dan
Asian Paradise-Flycatcher (*Tersiphone paradisi*) - Dan

**Crows, Jays & Magpies: Corvidae**

Crested Jay (*Platyrodis galericulatus*) – Dan (heard only).
Black Magpie (*Platysmurus leucopterus*) – Sep, Suk, Dan
Bornean Green-Magpie (*Cissa jefferyi*) - KNP

**Bornean Treepie** (*Dendrocitta cinerascens*) - KNP
Slender-billed Crow (*Corvus enca*) – Sep, Abai, Suk, Dan

**Swallows: Hirundinidae**

Barn Swallow (*Hirundo rustica*) – Abai, Suk
Pacific Swallow (*Hirundo tahitica*) – all areas and seen daily.

**Fairy Flycatchers: Stenostiridae**

Gray-headed Canary Flycatcher (*Culicicapa ceylonensis*) – RC, Dan

**Nuthatches: Sittidae**

Velvet-fronted Nuthatch (*Sitta frontalis*) – KNP, Dan

**Bulbuls: Pycnonotidae**

Black-and-white Bulbul (*Pycnonotus melanocephus*) - Dan
Puff-backed Bulbul (*Pycnonotus eutilotus*) - Sep
Black-headed Bulbul (*Pycnonotus atriceps atriceps*) – Por, Sep, Suk, Dan
Straw-headed Bulbul (*Pycnonotus zeylanicus*) - Dan
**Bornean (Black-crested) Bulbul** (*Pycnonotus montis*) - RC

**Flavescent (Pale-faced) Bulbul** (*Pycnonotus flavescens leucops*) - KNP
Yellow-vented Bulbul (*Pycnonotus goiavier*) – Klias, KK, KNP, Por, Sep, Abai, Dan
Olive-winged Bulbul (*Pycnonotus plumosus*) – Sep, Abai, Suk, Gom, Dan
Cream-vented Bulbul (*Pycnonotus simplex*) – Klias, Sep, Suk, Dan
Red-eyed Bulbul (*Pycnonotus bruneus*) – Klias, Por, Sep, Abai, Suk, Gom, Dan
Spectacled Bulbul (*Pycnonotus erythropthalmos*) – Sep, Dan
Hairy-backed Bulbul (*Tricholestes criniger*) – Sep, Suk, Dan
Ochraceous Bulbul (*Alophoixus ochraceus*) – RC, KNP
Gray-cheeked Bulbul (*Alophoixus bres*) – Sep, Gom, Dan
Yellow-bellied Bulbul (*Alophoixus phaeocephalus*) – Sep, Dan
Buff-vented Bulbul (*Iole olivacea*) – Sep, Dan
Ashy (Cinereous) Bulbul (*Hemixos flavala cinereus*) - RC
Streaked Bulbul (*Ixos malaccensis*) - Por

**Bush-Warblers & Allies: Cettidae**
Sunda Bush-Warbler (*Horornis vulcania*) - KNP

**Leaf-Warblers: Phylloscopidae**
Mountain Warbler (*Phylloscopus trivirgatus kinabaluensis*) - KNP
Yellow-breasted Warbler (*Seicercus montis*) – RC, KNP

**Grassbirds & Allies: Locustellidae**
Striated Grassbird (*Megalurus palustris*) – Klias (en route).

**Cisticolas & Allies: Cisticolidae**
Dark-necked Tailorbird (*Orthotomus atrogularis*) – Klias, Sep, Dan
Ashy Tailorbird (*Orthotomus ruficeps*) – Klias, KK, Sep, Abai, Suk, Dan
Rufous-tailed Tailorbird (*Orthotomus sericeus*) – Sep, Suk
Yellow-bellied Prinia (*Prinia flaviventris*) – KNP, Sep, Dan

**White-eyes, Yuhinas & Allies: Zosteropidae**
Chestnut-crested Yuhina (*Yuhina everetti*) - RC
Pygmy White-eye (*Oculocincta squamifrons*) – RC, Dan
Mountain Black-eye (*Chlorocharis emiliae*) - KNP
Black-capped White-eye (*Zosterops atricapilla*) - KNP

**Tree-Babblers, Scimitar-Babblers & Allies: Timaliidae**
Bold-striped Tit-Babbler (*Mixornis bornensis*) – Sep, Abai (hd), Dan
Fluffy-backed Tit-Babbler (*Macronous ptilosus*) - Dan
Chestnut-winged Babbler (*Cyanoderma erythropterus*) – Sep, Gom, Dan
Rufous-fronted Babbler (*Cyanoderma rufifrons*) - Dan
Chestnut-backed Scimitar-Babbler (*Pomatorhinus montanus*) - Dan
Black-throated Babbler (*Stachyris nigricollis*) – Sep, Gom
Chestnut-rumped Babbler (*Stachyris maculata*) – Sep, Gom (hd), Dan
Gray-throated Babbler (*Stachyris nigriceps*) – RC, KNP
Gray-headed Babbler (*Stachyris poliocephala*) - Dan

**Ground Babblers & Allies: Pellorneidae**
Sooty-capped Babbler (*Malacopteron affine*) – Gom, Dan
Scaly-crowned Babbler (*Malacopteron cinereum*) - Dan
Rufous-crowned Babbler (*Malacopteron magnum*) - Dan
Black-capped Babbler (*Pellorneum capistratum*) – Sep, Dan
Short-tailed Babbler (*Pellorneum malaccense*) – Dan (by a few).
White-chested Babbler (*Pellorneum rostratum*) - Suk
Ferruginous Babbler (*Pellorneum bicolor*) – Gom (hd), Dan
Striped Wren-Babbler (*Kenopias striata*) - Dan
Horsfield’s Babbler (*Turdinus sepiarius*) - Gom
Mountain Wren-Babbler (*Turdinus crassus*) – KNP (heard only).

**Laughingthrushes & Allies: Leiothrichidae**
Brown Fulvetta (*Alcippe brunneicauda*) - Dan
Sunda Laughingthrush (*Garrulax palliatus*) - KNP
Bare-headed Laughing-Thrush (*Garrulax (Melanocichla) calvus*) - KNP
Chestnut-hooded Laughing-Thrush (*Ianthocincla treachery*) – RC, KNP

**Fairy-bluebirds: Irenidae**
Asian Fairy-bluebird (*Irena puella*) - Dan

**Old World Flycatchers: Muscicapidae**
Oriental Magpie-Robin (*Copsychus saularis*) – KK, Por, Sep, Dan
White-rumped (White-crowned) Shama (*Copysycbus malabaricus stricklandii*) – Por, Abai, Suk, Gom, Dan

Pale Blue-Flycatcher (*Cyornis unicolor*) - Dan
Malaysian Blue-Flycatcher (*Cyornis turcosus*) – Abai, Suk

Bornean Blue-Flycatcher (*Cyornis superbus*) - Dan
Indigo Flycatcher (*Eumyias indigo*) - KNP
Verditer Flycatcher (*Eumyias thalassinus*) - Dan

Eyebrowed Jungle-Flycatcher (*Vauriella gularis*) - KNP

Bornean Whistling-Thrush (*Myophonus borneensis*) - KNP
White-crowned Forktail (*Enicurus leschenaultia frontalis*) – Dan (this race is restricted to streams in the lowland dipterocarp forests).

Bornean Forktail (*Enicurus [leschenaultia] borneensis*) – RC (this form is sometimes split as a montane replacement for the preceding (i.e. Myers). We had a long close look at a juvenile in a roadside ditch near the Rafflesia Center on 5 August).

Chestnut-naped Forktail (*Enicurus ruficapillus*) - Dan

Little Pied Flycatcher (*Ficedula westermanni*) - RC

Starlings: *Sturnidae*
Asian Glossy Starling (*Aplonis panayensis*) – Klias (en route), KK, Sep
Common Hill Myna (*Gracula religiosa*) – Sep, Abai, Suk, Dan (hd)
Javan Myna (*Acidotheres javanicus*) – Sand, Sep (introduced).

Leafbirds: *Chloropseidae*
Greater Green Leafbird (*Chloropsis sonneratii*) – Suk, Dan
Lesser Green Leafbird (*Chloropsis cyanopogon*) – Sep, Dan

Flowerpeckers: *Dicaeidae*
Yellow-breasted Flowerpecker (*Prionochilus maculatus*) - Dan

Yellow-rumped Flowerpecker (*Prionochilus xanthopygius*) – Sep, Dan
Orange-bellied Flowerpecker (*Dicaeum trigonostigma*) – Klias, Por, Sep, Dan

Black-sided Flowerpecker (*Dicaeum monticolium*) – RC, KNP
Scarlet-backed Flowerpecker (*Dicaeum cruentatum*) – Klias, Sep, Suk

Sunbirds: *Nectariniidae*
Ruby-cheeked Sunbird (*Chalcoparia singalensis*) – Sep, Suk, Dan
Plain Sunbird (*Anthreptes simplex*) – Klias, Sep, Dan
Plain-throated (Brown-throated) Sunbird (*Anthreptes malacensis*) – KK, Sep, Abai, Suk
Red-throated Sunbird (*Anthreptes rhodolaemus*) – Sep, Dan
Copper-throated Sunbird (*Leptocoma calcostetha*) - Abai
Olive-backed Sunbird (*Cinnyris jugularis*) - KK
Temminck’s Sunbird (*Aethopyga temminckii*) - KNP

Crimson Sunbird (*Aethopyga siparaja*) – Sep, Abai, Dan
Long-billed Spiderhunter (*Arachnothera robusta*) – Gom, Dan
Little Spiderhunter (*Arachnothera longirostra*) – Sep, Dan
Purple-naped Spiderhunter (*Arachnothera hypogrammicum*) – Sep, Suk
Yellow-eared Spiderhunter (*Arachnothera chrysogenys*) – Sep, Dan
Spectacled Spiderhunter (*Arachnothera flavigaster*) - Dan

Streaky-breasted Spiderhunter (*Arachnothera affinis*) – Sep, Dan

Old World Sparrows
Eurasian Tree Sparrow (*Passer montanus*) – KK to Beaufort, Sep, Sand, Gom, Lahad Datu, Dan

Waxbills & Allies: *Estrildidae*
Dusky Munia (*Lonchura fuscans*) – KK, RC, KNP, Sep, Dan
Chestnut Munia (*Lonchura atricapilla*) – Klias

**MAMMALS:**
Treeshrews: Tupaiidae
Lesser Treeshrew (Tupaia minor) – Dan
Large Treeshrew (Tupaia tana) – Suk

Loris, Pottos & Galagos: Lorisidae
Slow Loris (Nycticebus coucang) – Dan

Horseshoe Bats: Rhinolophidae
horseshoe bat sp? (Rhinolophus sp?) – Gom
small bat sp? – Sep (feeding back and forth over forest interior stream by day).
insectivorous bats sp? – varying sizes of unidentified bats; seen at many places.

Old World Monkeys: Cercopithecidae
Maroon Langur (Red Leaf Monkey) (Presbytis rubicunda) – Suk, Gom, Dan
Silvered Langur (Presbytis cristata) – Abai, Suk
Proboscis Monkey (Nasalis larvatus) – Abai, Suk
Long-tailed Macaque (Macaca fascicularis) – Klias, Abai, Suk, Dan
Southern Pig-tailed Macaque (Macaca nemestrina)

Gibbons: Hylobatidae
Bornean Gibbon (Hylobates muelleri) – Sep (hd), Dan

Primates: Pongidae
Bornean Orang-Utan (Pongo pygmaeus) – Dan

Squirrels: Sciuridae
Pale Giant Squirrel (Ratufa affinis) – Sep, Dan (huge in size).
Prevost’s Squirrel (Callosciurus prevostii) – Por, Sep, Abai, Suk, Gom, Dan (easily identified and the most widespread squirrel).
Plantain Squirrel (Callosciurus notatus) – Klias (en route), Abai (an open country species).
Bornean Black-banded Squirrel (Callosciurus orestes) – RC (scoped as it fed on a fruit).
Low’s Squirrel (Sundasciurus lowi) – Suk, Dan (very plain).
Jentink’s Squirrel (Sundasciurus jentinki) – RC, KNP (very small; common on Kinabalu).
Bornean Mountain Ground Squirrel (Dremomys everetti) – KNP (on the ground at the entrance to the Summit Trail).
Whitehead’s Pigmy Squirrel (Exilisciurus whiteheadi) – KNP (tiny, with white ear tufts).
Plain Pigmy Squirrel (Exilisciurus exilis) – Sep, Abai, Dan (tiny and hyper-active).
Thomas’s Flying Squirrel (Aeromys thomasi) – Dan (on the night drives).
Red Giant Flying Squirrel (Petaurista petaurista) – Sep, Dan (peeking out of holes).

Civets, Genets & kin: Viverridae
Malay Civet (Tangalong) (Viverra tangalunga) – Suk (night cruise).
Common Palm Civet (Paradoxurus hermaphroditus) – Dan (night drive).
Small-toothed Palm Civet (Arctogalidia trivirgata) – Suk (night cruise).

Cats: Felidae
Leopard Cat (Felis bengalensis) – Dan (fabulous look at one in the road on a night drive).

Pigs: Suidae
Bearded Pig (Sus barbatus) – Abai, Dan

Deer: Cervidae
Lesser Mouse Deer (Tragulus javanicus) - Dan
Greater Mouse Deer (Tragulus napu) – Dan
Sambar Deer (Cervus unicolor) – Dan

REPTILES:
Saltwater Crocodile (Crocodylus porosus) – Suk (a small one on the night cruise on the river).
Crested Green Lizard (Bronchocela cristatella) – Suk (night cruise), Dan (by day)
green agamid lizard sp? – Tanjung Aru Resort
agamid sp? - Sep
flying lizard (*Draco sp.?*) – Sep
Bornean Angle-headed Lizard (*Gonocephalus bornensis*) – Dan (low down inside the forest understory; photographed).

Asian House Gecko (*Hemidactylus frenatus*) – Tanjung Aru, Abai, Suk, Dan
litter skink (*Mabuya sp.?*) – Sep, Dan, (striped forest skinks).
Water Monitor (*Varanus salvator*) – Sep, Suk, Dan
“Dog-toothed Cat Snake” – Dan (on our final night drive)