BORNEO

JULY 11-29, 2019



Extreme close views on our tour of this fantastic Black-and-yellow Broadbill (Photo M. Valkenburg)

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BY MACHIEL VALKENBURG

Borneo, Borneo, magical Borneo! This was my fourth trip to Sabah and, as always, it was a pleasure to bird the third largest island of the world. As in many rainforests, the birding can be tricky, and sometimes it means standing and looking at bushes within distance of a faint call from the desired jewel. Sometimes it took quite some patience to find the birds, but we did very well and were lucky with many good views of the more difficult birds of the island.

Our group flew in to Kota Kinabalu, where our journey began. During the first part of the tour we focused on the endemic-rich Kinabalu mountain, which we birded from the conveniently located Hill Lodge right at the park entrance. After birding the cool mountains, we headed with pleasure for the tropical Sabah lowlands, with Sepilok as our first stop followed by the Kinabatangan River and Danum Valley Rainforest. The Kinabatangan River is a peat swamp forest holding some very special fauna and flora. Tall dipterocarps dominate the forests of Sepilok and Danum; we did very well in finding the best birds on offer in all places visited.



We had 30-minute walkaway views of the superb Whitehead's Broadbill (photo M.Valkenburg)

In the Kinabalu park we walked some trails, but mostly we birded and walked easily along the main road through this gorgeous forest filled with epiphytes and giant tree-ferns. After every morning of birding we drove down the mountain to have our breakfast on the veranda near the headquarters. The birding here was more than wonderful, with Chestnut-crested Yuhina and large mixed groups of Chestnut-hooded and Sunda laughingthrushes coming into view more than once. Furthermore, we had scope views of a sleeping Red-breasted Partridge of the *erythrophrys* race, an endemic to Kinabalu mountain. We enjoyed a good collection of warblers such as Mountain Tailorbird, Sunda Bush Warbler, Yellow-breasted Warbler, and Mountain Leaf Warbler.

The park is also the residence of the famous Whitehead's trio (named after their discoverer John Whitehead), and we did well getting two out of three in the scope. The Spiderhunter eluded us while both Trogon and Broadbill were seen very well. The Broadbill especially gave a little show. The bird sat on a branch near the main road, pumped up his feathers a few times, and

yawned a few times, showcasing his specialized bill. When walking on a trail in the mountains, a Fruit-hunter female gave splendid extended eye level views.

This tour is especially good for an awesome selection of wonderful pittas, my personal favorite bird family! Pittas are extremely colorful, attractive birds that live in deep dark jungles. producing faint gentle, soft calls. It probably goes without saying, but it is also difficult to get good views of them. However, we did especially well on this trip. In Sepilok we enjoyed prolonged views of a magical Black-crowned Pitta. This jungle jewel was perched on a horizontal vine not more than 15 yards away from us. When cruising the river in a comfortable small boat, we had views of a perched Hooded Pitta. This emerald-green bird with a black head took some time before it finally showed. Another experience that will stay with us forever was on our first morning walk in Danum when we heard a Blue-headed Pitta AND a Giant Pitta call from a small forest patch near the lodge, the latter being a mere mythical bird with only irregular sightings from the island. We positioned ourselves tactically so we had a view of two small trails that led through this patch. Not long after, a superb male Blue-headed Pitta hopped on the trail, giving excellent views for all. Wow! The Giant Pitta was calling and came close but, as usual with this species, left before he could show himself. Another star of the jungle is the Bornean Banded Pitta, another true master skulker with gentle drawings and colors. It took us a whole morning of birding in Danum to get a scope view of this difficult to see bird. Eventually it even hopped on the trail, showcasing its beauty. Not long after this, another Blue-headed Pitta showed himself.

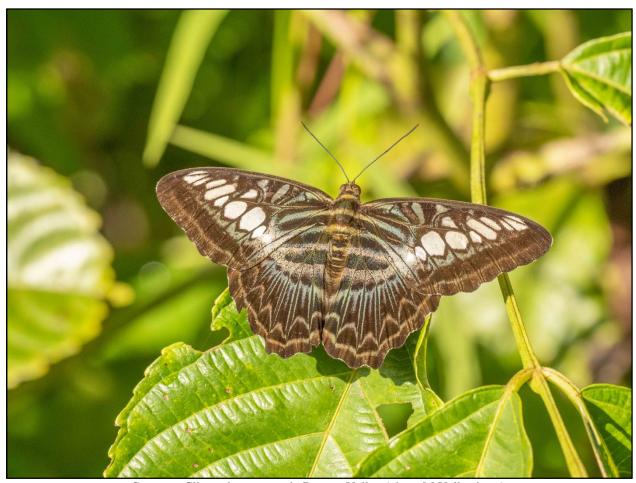


Splendid views of Blue-headed Pitta (photo M.Valkenburg)

It's not only the birds that are wonderful in Borneo; we also paid attention to the other wildlife around us. Mammals occur in abundance, and we came across many of them daily. The main reason to come to this part of the world is probably the occurrence of the Bornean Orang-Utan. We were eye to eye with these wonders on four different days of the tour, and every one of them

was a fantastic experience. When cruising the river part of the tour, we found a herd of Bornean Pygmy Elephants foraging along the river, as well as a lot of interaction between a group of Proboscis Monkeys that came to the river for the night. Sabah holds many squirrel species, of which Whitehead's Squirrel, with its very cute little ear tufts, is my favorite. On several night drives in Danum we also found Colugo, Malay Civet, and a porcupine that disappeared very quickly in the thicket.

Butterflies are a special attraction, and we had fun with these colorful creatures. Borneo is very good for many tropical species, and we mainly took pictures of them to ID them later in the evening. Rajah Brook's Birdwing, Common Clipper, Great Egg-fly, and Common Yeoman were some of the highlights!



Common Clipper is common in Danum Valley (photo M.Valkenburg)

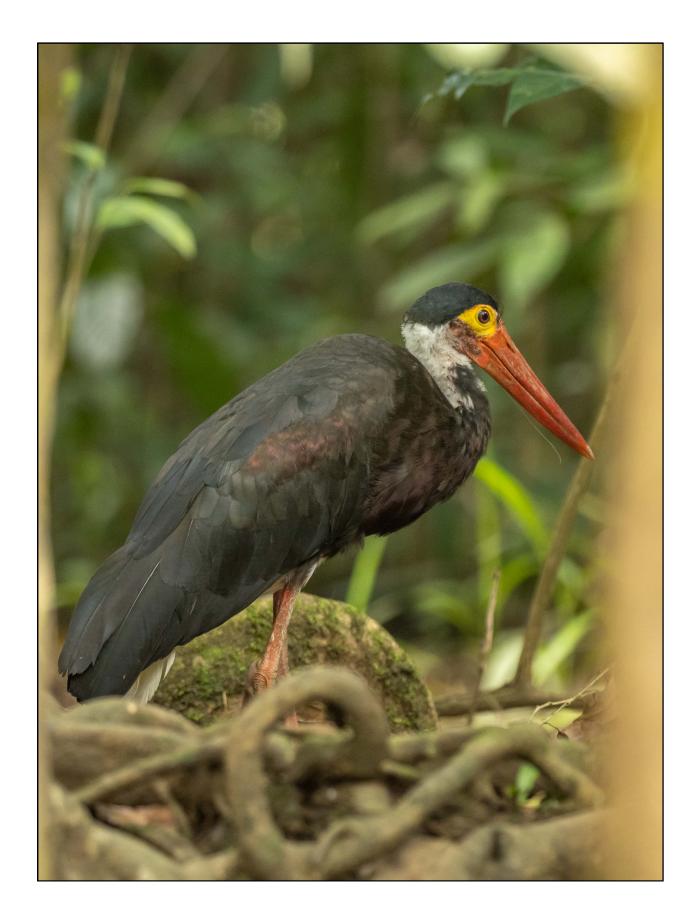
We ended this wonderful trip back in Kota Kinabalu, where we all flew home after a grand final dinner with a lot of local food! I'd like to thank all the participants—you were fun, social, and great birders. A big thank you goes out to my good friend Hazwan; without the help of this superb birder we would have seen fewer birds for sure. Thanks mate!



Black-throated Wren-Babbler posed for all (photo M.Valkenburg)



On an evening excursion we found a spectacular Vile-eared Tree Frog (photo M.Valkenburg)



Eye-to-eye with the endangered Storm's Stork (photo M.Valkenburg)



Close-up of a Bornean Leaf-nosed Pit-Viper (photo M.Valkenburg)



Scope views of a Green Broadbill (photo M.Valkenburg)



The canopy walk in Danum Valley (photo M.Valkenburg)



The oldest rainforest in the world...approximately 90 million years (photo M.Valkenburg)

BIRDS: This Checklist order, and common and scientific names are those given by James F. Clements in *The Clements Checklist of Birds of the World,* 6th Edition, Cornell University Press, with all current updates. Possible or debated species splits and alternative Common and Scientific names (particularly those of the Oriental Bird Club) are given in () or included in heavily bordered boxes. (I) = introduced species. (E) = Endemic.

COMMON NAME	SCIENTIFIC NAME	
Ducks, Geese & Waterfowl	Anatidae	
Wandering Whistling-Duck	Dendrocygna arcuata	
Lesser Whistling-Duck	Dendrocygna javanica	
Grebes	Podicipedidae	
Little Grebe	Tachybaptus ruficollis	
Pheasants, Grouse & Allies	Phasianidae	
Red-breasted Partridge (E)	Arborophila hyperythra	
Chestnut-necklaced Partridge	Arborophila charltonii	
(Sabah Partridge) (E)	(A. charltonii graydoni)	
Great Argus	Argusianus argus	
Crested Fireback	Lophura ignita	
(Bornean Crested Fireback) (E)	(Lophura ignita nobilis)	
Pigeons & Doves	Columbidae	
Rock (Feral) Pigeon (I)	Columba livia	
Spotted Dove	Streptopelia chinensis	
Little Cuckoo-Dove	Macropygia ruficeps	
Little Cuckoo-Dove (E)	(Macropygia ruficeps nana)	
Asian Emerald Dove	Chalcophaps indica	
Zebra Dove (I)	Geopelia striata	
Little Green-Pigeon	Treron olax	
Pink-necked (Green-)Pigeon	Treron vernans	
Green Imperial-Pigeon	Ducula aenea	
Mountain Imperial-Pigeon	Ducula badia	
Cuckoos	Cuculidae	
Bornean Ground-Cuckoo (E)	Carpococcyx radiceus	
Short-toed Coucal	Centropus rectunguis	heard-only
Greater Coucal	Centropus sinensis	
Lesser Coucal	Centropus bengalensis	
Raffles's Malkoha	Rhinortha chlorophaea	
Red-billed Malkoha	Zanclostomus javanicus	
Chestnut-breasted Malkoha	Phaenicophaeus curvirostris	
Black-bellied Malkoha	Phaenicophaeus diardi	
Banded Bay Cuckoo	Cacomantis sonneratii	
Plaintive Cuckoo	Cacomantis merulinus	
Frogmouths	Podargidae	
Large Frogmouth	Batrachostomus auritus	

Blyth's Frogmouth

Batrachostomus affinis

Swifts

Apodidae

Silver-rumped Needletail Rhaphidura leucopygialis Brown-backed Needletail Hirundapus giganteus Bornean Swiftlet Collocalia dodgei Plume-toed Swiftlet Collocalia affinis Mossy-nest Swiftlet Aerodramus salangana Black-nest Swiftlet Aerodramus maximus White-nest Swiftlet Aerodramus fuciphagus

House Swift Apus nipalensis

Asian Palm-Swift Cypsiurus balasiensis Leader only

Treeswifts

Hemiprocnidae

Gray-rumped Treeswift Hemiprocne longipennis Whiskered Treeswift Hemiprocne comata

Rails, Gallinules & Coots

Rallidae

Buff-banded Rail Gallirallus philippensis Eurasian (Common) Moorhen Gallinula chloropus Watercock Gallicrex cinerea

White-breasted Waterhen

Amaurornis phoenicurus

Stilts & Avocets Black-winged Stilt

Recurvirostridae Himantopus himantopus

Sandpipers & Allies Scolopacidae Wood Sandpiper Tringa glareola

Pratincoles & Coursers

Glareolidae

Oriental Pratincole Glareola maldivarum

Gulls, Terns & Skimmers

Laridae

Black-naped Tern Sterna sumatrana

Storks Ciconiidae Storm's Stork Ciconia stormi Lesser Adjutant Leptoptilos javanicus

Anhingas Anhingidae

Oriental Darter Anhinga melanogaster

Herons, Egrets & Bitterns Ardeidae

Yellow Bittern Ixobrychus sinensis Great-billed Heron Ardea sumatrana

Purple Heron Ardea purpurea

Great Egret Ardea alba (Australasian Great Egret) (Ardea alba modesta)

Intermediate Egret Ardea intermedia Leader only

Little Egret	Egretta garzetta	=
Cattle Egret	Bubulcus ibis	
(Eastern Cattle Egret)	(B. ibis coromandus)	
Javan Pond-Heron	Ardeola speciosa	
Striated (Little) Heron	Butorides striata	Leader only
Black-crowned Night-Heron	Nycticorax nycticorax	
Rufous (Nankeen) Night-Heron	Nycticorax caledonicus	
Hawks, Eagles & Kites	Accipitridae	
Black-winged Kite	Elanus caeruleus	7
Oriental Honey-buzzard	Pernis ptilorhynchus	
(Indomalayan Honey-buzzard)	(P. ptilorhynchus torquatus)	
Jerdon's Baza	Aviceda jerdoni	
Mountain Serpent-Eagle (E)	Spilornis kinabaluensis	=
Crested Serpent-Eagle	Spilornis cheela	
Crested Serpent-Eagle (E)	(S. cheela pallidus)	
Bat Hawk	Macheiramphus alcinus	
Changeable Hawk-Eagle	Nisaetus limnaeetus	
Blyth's Hawk-Eagle	Nisaetus alboniger	
Wallace's Hawk-Eagle	Nisaetus nanus	
Rufous-bellied Eagle	Lophotriorchis kienerii	
Crested Goshawk	Accipiter trivirgatus	
Brahminy Kite	Haliastur indus	
White-bellied Sea-Eagle	Haliaeetus leucogaster	
Lesser Fish-Eagle	Haliaeetus humilis	
Gray-headed Fish-Eagle	Haliaeetus ichthyaetus	
Barn-Owls	Tytonidae	
Oriental Bay-Owl	Phodilus badius	
Owls	Strigidae	
Reddish Scops-Owl	Otus rufescens	Heard only
Barred Eagle-Owl	Bubo sumatranus	Heard only
Buffy Fish-Owl	Ketupa ketupu	ricard only
Brown Wood-Owl	Strix leptogrammica	1
Brown Wood-Owl (E)		
DIOWII WOOD-OWI (E)	(Strix leptogrammica vaga)	J

Trogons	Trogonidae
Red-naped Trogon	Harpactes kasumba
Diard's Trogon	Harpactes diardii
Whitehead's Trogon (E)	Harpactes whiteheadi
Scarlet-rumped Trogon	Harpactes duvaucelii

Hornbills Bucerotidae

White-crowned Hornbill Berenicornis comatus

Helmeted Hornbill Buceros vigil Leader only

Rhinoceros Hornbill Buceros rhinoceros
Bushy-crested Hornbill Anorrhinus galeritus

Black Hornbill

Oriental Pied-Hornbill

Wreathed Hornbill

Wrinkled Hornbill

Anthracoceros albirostris

Rhyticeros undulatus

Rhabdotorrhinus corrugatus

KingfishersAlcedinidaeBlue-eared KingfisherAlcedo menintingRufous-backed Dwarf-KingfisherCeyx rufidorsa

Banded Kingfisher

(Black-faced Kingfisher) (E)

(L. pulchella melanops)

Stork-billed KingfisherPelargopsis capensisCollared KingfisherTodiramphus chlorisRufous-collared KingfisherActenoides concretus

Bee-eaters Meropidae

Red-bearded Bee-eater Nyctyornis amictus
Blue-throated Bee-eater Merops viridis

Rollers Coraciidae

Dollarbird Eurystomus orientalis

Asian Barbets Megalaimidae

Brown Barbet (E)

Brown Barbet (E)

Caloramphus fuliginosus

(C. fuliginosus tertius)

Blue-eared Barbet

Psilopogon duvaucelii

(Black-eared Barbet) (E)

(P. duvaucelii duvaucelii)

Bornean Barbet (E) Psilopogon eximia Heard only

Red-throated Barbet Psilopogon mystacophanos
Golden-naped Barbet (E) Psilopogon pulcherrima
Mountain Barbet (E) Psilopogon monticola
Gold-faced Barbet (E) Psilopogon chrysopsis

Woodpeckers Picidae
Rufous Piculet Sasia abnormis

Gray-and-buff Woodpecker Hemicircus concretus Leader only

Sunda Woodpecker Yungipicus moluccensis

Gray-capped Woodpecker

Gray-capped Woodpecker (E)

Yungipicus canicapillus

(Y. canicapillus aurantiiventris)

Maroon Woodpecker

Orange-backed Woodpecker

Rufous Woodpecker

Buff-necked Woodpecker

Buff-rumped Woodpecker

Meiglyptes tukki

Meiglyptes tristis

Checker-throated Woodpecker Chrysophlegma mentale
Great Slaty Woodpecker Mulleripicus pulverulentus

Falcons & Caracaras Falconidae

White-fronted Falconet (E) Microhierax latifrons

Old World ParrotsPsittaculidaeBlue-rumped ParrotPsittinus cyanurusLong-tailed ParakeetPsittacula longicaudaBlue-naped Parrot (I)Tanygnathus lucionensisBlue-crowned Hanging-ParrotLoriculus galgulus

African & Green Broadbills

Green Broadbill

Calyptomena viridis

Whitehead's Broadbill (E)

Calyptomena whiteheadi

Asian & Grauer's Broadbills Eurylaimidae

Black-and-red Broadbill Cymbirhynchus macrorhynchos

Banded Broadbill Eurylaimus javanicus
Black-and-yellow Broadbill Eurylaimus ochromalus
Dusky Broadbill Corydon sumatranus

Pittas Pittidae

Black-crowned Pitta (E) Erythropitta ussheri

Giant Pitta Hydrornis caeruleus
(Giant Pitta) (E) (H. caeruleus hosei)

Heard only

Bornean Banded-Pitta Hydrornis schwaneri
Blue-headed Pitta (E) Hydrornis baudii
Hooded Pitta Pitta sordida

Vangas, Helmetshrikes & Allies Vangidae

Large WoodshrikeTephrodornis virgatusRufous-winged PhilentomaPhilentoma pyrhoptera

Woodswallows Artamidae

White-breasted Woodswallow Artamus leucorynchus

Bristlehead Pityriasidae

Bornean Bristlehead (E) Pityriasis gymnocephala

IorasAegithinidaeCommon IoraAegithina tiphiaGreen IoraAegithina viridissimaCuckooshrikesCampephagidaeFiery MinivetPericrocotus igneus

Gray-chinned Minivet Pericrocotus solaris
(Gray-throated Minivet) (E) (P. solaris cinereigula)

Pied Triller Lalage nigra

Whistlers & Allies Pachycephalidae

Bornean Whistler (E) Pachycephala hypoxantha

Crested Shrikejay Platylophidae

Crested Shrikejay Platylophus galericulatus

Vireos, Shrike-Babblers & Erpornis	Vireonidae
Blyth's Shrike-Babbler	Pteruthius aeralatus
Blyth's Shrike-Babbler (E)	(P. aeralatus robinsoni)
White-bellied Erpornis	Erpornis zantholeuca
White-bellied Erpornis (E)	(E. zantholeuca brunnescens)

Old World Orioles Oriolidae

Dark-throated Oriole Oriolus xanthonotus

Drongos Dicruridae

Ashy Drongo

Dicrurus leucophaeus

Hair-crested Drongo
(Bornean Spangled Drongo) (E)

Dicrurus hottentottus
(D. hottentottus borneensis)

Greater Racket-tailed Drongo Dicrurus paradiseus

Fantails	Rhipiduridae	
Malaysian Pied-Fantail	Rhipidura javanica	
White-throated Fantail	Rhipidura albicollis	
Monarch Flycatchers	Monarchidae	
Black-naped Monarch	Hypothymis azurea	
Blyth's Paradise-Flycatcher	Terpsiphone affinis	
Blyth's Paradise-Flycatcher (E)	(T. affinis borneensis)	

Crows, Jays & Magpies Corvidae

Black Magpie	Platysmurus leucopterus
(Bornean Black Magpie) (E)	(P. leucopterus aterrimus)
Bornean Green-Magpie (E)	Cissa jefferyi
Bornean Treepie (E)	Dendrocitta cinerascens
Slender-billed Crow	Corvus enca
House Crow	Corvus splendens

Swallows Hirundinidae
Pacific Swallow Hirundo tahitica

Nuthatches Sittidae
Velvet-fronted Nuthatch Sitta frontalis

BulbulsPycnonotidaePuff-backed BulbulBrachypodius eutilotusBlack-headed BulbulBrachypodius atricepsSpectacled BulbulRubigula erythropthalmos

Gray-bellied Bulbul Rubigula cyaniventris
Scaly-breasted Bulbul Rubigula squamata
Bornean Bulbul (E) Rubigula montis
Straw-headed Bulbul Pycnonotus zeylanicus
Flavescent Bulbul Pycnonotus flavescens

Yellow-vented Bulbul Pycnonotus goiavier

(Pale-faced Bulbul) (E)

(P. flavescens leucops)

Olive-winged Bulbul	Pycnonotus plumosus
(Bornean Olive-winged Bulbul) (E)	(P. plumosus hutzi/insularis)
Red-eyed Bulbul	Pycnonotus brunneus
Hairy-backed Bulbul	Tricholestes criniger
Finsch's Bulbul	Alophoixus finschii
Ochraceous Bulbul	Alophoixus ochraceus
(Chestnut-vented) (E)	(A. ochraceus ruficrissus)
Gray-cheeked Bulbul	Alophoixus bres
Yellow-bellied Bulbul	Alophoixus phaeocephalus
Charlotte's Bulbul	Iole charlottae
Ashy Bulbul	Hemixos flavala
(Cinereous Bulbul)	(H. flavala cinereus)
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Streaked Bulbul Ixos malaccensis

Bush Warblers & Allies

Bornean Stubtail (E) Urosphena whiteheadi Mountain Tailorbird Phyllergates cucullatus

Sunda Bush Warbler Horornis vulcania

Leaf Warblers

Phylloscopidae Yellow-breasted Warbler Phylloscopus montis Mountain Leaf Warbler Phylloscopus trivirgatus

Grassbirds & Allies

Striated Grassbird

Cisticolas & Allies

Dark-necked Tailorbird Ashy Tailorbird Rufous-tailed Tailorbird Yellow-bellied Prinia

White-eyes, Yuhinas & Allies

Chestnut-crested Yuhina (E) Mountain Black-eye (E)

Black-capped White-eye

Tree-, & Scimitar-Babblers & Allies

Bold-striped Tit-Babbler (E) Fluffy-backed Tit-Babbler Chestnut-winged Babbler

(Gray-hooded) Rufous-fronted Babbler

Chestnut-backed Scimitar-Babbler

Chestnut-rumped Babbler Gray-throated Babbler Gray-headed Babbler

Scotoceridae

Heard only

Locustellidae

Megalurus palustris

Cisticolidae

Orthotomus atrogularis Orthotomus ruficeps Orthotomus sericeus Prinia flaviventris

Zosteropidae

Yuhina everetti Chlorocharis emiliae

Zosterops atricapilla

Timaliidae

Mixornis bornensis Macronus ptilosus

Cyanoderma erythropterum (C. erythropterum bicolor)

Cyanoderma rufifrons Pomatorhinus montanus Stachyris maculata Stachyris nigriceps Stachyris poliocephala

White-necked Babbler Stachyris leucotis

Ground Babblers & Allies	Pellorneidae	
Moustached Babbler	Malacopteron magnirostre	
Sooty-capped Babbler	Malacopteron affine	
Rufous-crowned Babbler	Malacopteron magnum	
Black-capped Babbler	Pellorneum capistratum	
Short-tailed Babbler	Pellorneum malaccense	Heard only
White-chested Babbler	Pellorneum rostratum	•
Ferruginous Babbler	Pellorneum bicolor	
Striped Wren-Babbler	Kenopia striata	
Bornean Wren-Babbler (E)	Ptilocichla leucogrammica	
Horsfield's Babbler	Turdinus sepiarius	
Black-throated Wren-Babbler (E)	Turdinus atrigularis	
Mountain Wren-Babbler (E)	Turdinus crassus	Heard only
Laughingthrushes & Allies	Leiothrichidae	
Brown Fulvetta	Alcippe brunneicauda	
(Bornean Fulvetta) (E)	(A. brunneicauda eriphaea)	
Sunda Laughingthrush	Garrulax palliatus	
Chestnut-hooded Laughingthrush (E)	Ianthocincla treacheri	
Fairy-bluebirds	Irenidae	
Asian Fairy-bluebird	Irena puella	
Old World Flycatchers	Muscicapidae	
Old World Flycatchers Oriental Magpie-Robin	Muscicapidae Copsychus saularis	
-		Heard only
Oriental Magpie-Robin	Copsychus saularis	Heard only
Oriental Magpie-Robin Rufous-tailed Shama	Copsychus saularis Copsychus pyrropygus	Heard only
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus	Heard only
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E)	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii)	Heard only Heard only
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E)	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher Indigo Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus Eumyias indigo	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher Indigo Flycatcher Eyebrowed Jungle-Flycatcher	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus Eumyias indigo Vauriella gularis	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher Indigo Flycatcher Eyebrowed Jungle-Flycatcher White-browed Shortwing	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus Eumyias indigo Vauriella gularis Brachypteryx montana	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher Indigo Flycatcher Eyebrowed Jungle-Flycatcher White-browed Shortwing (Bornean) White-browed Shortwing (E)	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus Eumyias indigo Vauriella gularis Brachypteryx montana (B. montana erythrogyna) Myophonus borneensis	
Oriental Magpie-Robin Rufous-tailed Shama White-rumped Shama (White-crowned Shama) (E) White-tailed Flycatcher Sunda Blue Flycatcher Malaysian Blue Flycatcher Bornean Blue Flycatcher (E) Fulvous-chested Jungle-Flycatcher Indigo Flycatcher Eyebrowed Jungle-Flycatcher White-browed Shortwing (Bornean) White-browed Shortwing (E) Bornean Whistling-Thrush (E)	Copsychus saularis Copsychus pyrropygus Copsychus malabaricus (C. malabaricus stricklandii) Cyornis concretus Cyornis caerulatus Cyornis turcosus Cyornis superbus Cyornis olivaceus Eumyias indigo Vauriella gularis Brachypteryx montana (B. montana erythrogyna) Myophonus borneensis	
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Thrushes & Allies Turdidae

Fruit-hunter (E)

Chlamydochaera jefferyi

Starlings

Asian Glossy Starling Common Hill Myna Javan Myna

Leafbirds

Greater Green Leafbird Lesser Green Leafbird Bornean Leafbird (E)

Flowerpeckers

Yellow-rumped Flowerpecker (E) Yellow-vented Flowerpecker Orange-bellied Flowerpecker Black-sided Flowerpecker Scarlet-backed Flowerpecker

Sunbirds & Spiderhunters

Ruby-cheeked Sunbird

Plain Sunbird

Plain-(Brown-)throated Sunbird

Red-throated Sunbird Olive-backed Sunbird Temminck's Sunbird Crimson Sunbird

Long-billed Spiderhunter Little Spiderhunter

Purple-naped Spiderhunter Yellow-eared Spiderhunter Bornean Spiderhunter (E)

Old World Sparrows

Eurasian Tree Sparrow (I)

Waxbills & Allies

Dusky Munia (E) Scaly-breasted Munia (I)

Chestnut Munia

Mammals

Moonrats & Hedgehogs

Moonrat Lesser Gymnure

Tree Shrews

Mountain Treeshrew (E) Lesser Treeshrew Sturnidae

Aplonis panayensis Gracula religiosa Acridotheres javanicus

Chloropseidae

Chloropsis sonnerati Chloropsis cyanopogon Chloropsis kinabaluensis

Dicaeidae

Prionochilus xanthopygius
Dicaeum chrysorrheum
Dicaeum trigonostigma
Dicaeum monticolum
Dicaeum cruentatum

Nectariniidae

Chalcoparia singalensis
Anthreptes simplex
Anthreptes malacensis
Anthreptes rhodolaemus
Cinnyris (Nectarinia) jugularis
Aethopyga temminckii
Aethopyga siparaja
Arachnothera robusta
Arachnothera longirostra

Arachnothera hypogrammicum Arachnothera chrysogenys Arachnothera everetti

Passeridae

Passer montanus

Estrildidae

Lonchura fuscans Lonchura punctulata Lonchura atricapilla

Erinaceidae

Echinosorex gymnurus Hylomys suillus

Tupaiidae

Tupaia montana Tupaia minor **Colugos (Flying Lemurs)**

Malayan Colugo

Cynocephalidae

Cercopithecidae

Presbytis cristata

Presbytis rubicunda

Cynocephalus variegatus

Old World Monkeys

Maroon Langur (E) Silvered Langur Proboscis Monkey (E) Long-tailed Macaque

Nasalis larvatus

Macaca fascicularis Macaca nemistrina

Southern Pig-tailed Macaque

Hylobatidae

Hylobates muelleri

Primates

Bornean Gibbon (E)

Pongidae

Pongo pygmaeus

Primates

Squirrels

Bornean Orang-Utan (E)

Sciuridae

Ratufa affinus

Pale Giant Squirrel Callosciurus prevostii Prevost's Squirrel Plantain Squirrel Callosciurus notatus Ear-spot Squirrel (E) Callosciurus adamsi Low's Squirrel Sundasciurus lowi Jentink's Squirrel (E) Sundasciurus jentinki Bornean Mntn. Ground Squirrel (E) Dremomys everetti

Whitehead's Pigmy Squirrel (E) Exilisciurus whiteheadi Plain Pigmy Squirrel (E) Exilisciurus exilis Thomas's Flying Squirrel (E) Aeromys thomasi Red Giant Flying Squirrel Petaurista petaurista

Old World Porcupines

Thick-spined Porcupine (E) Thecurus crassispinis

Malay Civet or Tangalong

Common Palm Civet

Civets, Genets & kin

Viverridae

Hystricidae

Viverra tangalunga

Paradoxurus hermaphroditus

Leader only

Elephants

Bornean Pygmy Elephant (E)

Elephantidae

Elaphas borneensis

Pigs

Bearded Pig

Suidae

Sus barbatus

Deer

Lesser Mouse Deer Greater Mouse Deer Cervidae

Tragulus javanicus Tragulus napu

Snakes

Cat Snakes

Yellow-ringed Cat Snake Boiga dendrophila

Flying Snakes

Paradise Tree Snake Chrysopelea paradise

Water Snakes and Keelbacks

Red-bellied Keelback Rhabdophis conspicillatus

Pit-Vipers

Bornean Leaf-nosed Pit-viper Trimeresurus borneensis

Butterflies

Swallowtails

Rajah Brooke's Birdwing Trogonoptera brookiana

Common Birdwing Troides helena
Golden Birdwing Troides aeacus
Great Mormon Papilio memnon

Whites & Sulphurs

Common Yellow Jezebel Delias baracasa Malaysian Albatross Saletara liberia Yellow Orange Tip Ixias pyrene Orange Emigrant Catopsilia scylla Malayan Wanderer Pareronia valeria Common Grass Yellow Eurema hacabe Chocolate Grass Yellow Eurema sari Malayan Grass Yellow Eurema nicevillei

Brushfoots; Milkweed Butterflies

Dark Glassy Tiger Parantica agleoides
Smaller Wood-Nypmh Ideopsis gaura
Ashy-white Tree-Nymph Idea stolli
Spotted Black Crow Euplohea crameri

Brushfoots; Browns

Great Crow Euploea phaenareta
Magpie Crow Euploea radamanthus

Brushfoots; Owls

Common Duffer Discophora sondaica

Brushfoots: Longwings & Fritillaries

Lesser Cruiser Vindula dejone
Common Yeoman Cirrochroa tyche

Brushfoots; Admirals& Relatives

Rustic Cupha erymanthis
Clipper Parthenos sylvia
Common Sailer Neptis hylas

Brushfoots; Maps & Maplets

Common Mapwing Cyrestis maenalis

Brushfoots: True Brushfoots

Great Egg-Fly Hypolimnas bolina
Peacock Pansy Junonia almana
Blue Pansy Junonia orithya

Blues

Ciliate Blue Anthene emolus

Reptiles

Saltwater (Estuarine) Crocodile

Black-beared Flying Lizard

Asian House Gecko

Smith's Green-eyed Gecko

Gekko smithii

Oriental Garden Lizard

Rough-scaled Brown Skink

Bornean Striped Tree Skink

Crocodylus porosus

Draco melanopogon

Hemidactylus frenatus

Gekko smithii

Calotes versicolor

Eutropis rudis

Apterygodon vittatum

Water Monitor Lizard Varanus salvator

Frogs

File-eared Tree Frog Polypedates otilophus

Borneo, 2019