

Once a year Royle Safaris runs our Borneo's Rare Mammals Tour (with optional post tour extension to Tawau Hills National Park) as a small group tour. We also run several private tailored tours to Sabah, Borneo (often focusing on mammals but sometimes birds, diving or herpetofauna), but for anyone wanting to visit Malaysian Borneo on a specific mammalwatching tour at a competitive price our groups are the perfect option. Our tour in late summer 2024 was one of our most successful ever, with 54 species of mammals seen including some major targets including Sunda Clouded Leopard, Sun Bear, Sunda Pangolin, Otter Civet as well as a whole host of other species often seen in Borneo.

This itinerary is a constant on our mammalwatching group tour calendar and over the years we have recorded over 115 species of mammals, 200+ species of birds, 55+ species of reptiles, 30+ species of amphibians and even 7 species of fish (across the various different trips we have run); and we added some iconic species to these lists during this trip.

Being one of the most biodiverse and wildlife rich locations in the world, the island of Borneo is a hotspot for all wildlife lovers, many of our clients are returning to Borneo after other trips, as there is so much to see it can often take a few visits to see everything. Some of the more common species people associate with Borneo include orangutans, proboscis monkeys, pygmy elephants, salt-water crocodiles as well as several species of huge hornbills. As well as targeting these species on this itinerary we focus strongly on many of the rarer and more elusive species which require long nights and expert guides to find.

As always our major targets are Borneo's top mammalian predator, the Sunda clouded leopard and its smaller cousins, Sunda Leopard Cat, Flat-headed Cat, Marbled Cat and the near mythical Bay Cat as well as the world's smallest species of bear (the sun bear) and of course several civet species, gibbon, langurs, macaques, colugos and slow loris and dozens of other species as we explore Borneo by both day and night.

There is a good probability we will not see all of our targets, that is the nature of things when looking for the rarest and most elusive. But it is very hard to spend considerable time in the forests of Borneo and not see an impressive number of species (mammals, birds, reptiles and amphibians). To help us in our quest for the rarest species we have the expert help from local spotters (this tour was guided by Mike Gordon – for the main trip and then Shavez Cheema for the Tawau extension), incredibly experienced guides and even advice and information from the leading biologists in Borneo. All of this, some specialist equipment and a huge amount of luck would be needed in order to be successful. But if you do not try you will never be successful

The main trip is based around four different destinations, firstly a brief stop at the Rainforest Discovery Centre near Sepilok before heading to the now very famous sustainably logged reserve (low-impact logging) of Deramakot, which would produce Sunda leopard cat and hopefully either or both Sunda clouded leopard and marbled cat; in fact nearly all studied animals in Borneo are found here in higher densities than in other protected areas (including the primary forests of Danum Valley). From Deramakot Forest Reserve we would have a couple of nights looking for the semi aquatic flat-headed cat along the shores of the Kinabatangan River (as well as enjoying the wonderful wildlife watching along the largest river in Borneo), before finishing in the wonderful and Tabin Wildlife Sanctuary; which has a very nice lodge and also a pretty good track record for Malayan sun bears as well as other species of mammals as their proximity (neighbouring) to a palm oil plantation means that there is a good amount of rodents around and this brings in civets and leopard cats and we hoped for good sightings of these, even if the sun bears remained hard to see on this trip. Tabin is also the location of the last Sumatran rhino in Malaysia. One old was kept in a pen inside the forest, a sad reminder of how fragile the forests here are and even sadder when this animal died a couple of years ago, leaving Malaysia with no rhinos at all.

All of these forests have one thing in common. They may not be around (or their inhabitants as numerous) in the near future. These forests are some of the most under threat in the world, increasing human population, coupled with poaching and illegal logging are culminating in the forests and the animals they harbour becoming increasingly rare and endangered. But the single biggest threat here is the ceaseless conversion of forest to monotonous palm oil plantations. By driving around a good part of Sabah (one of the more wildlife and conservation focused parts of South East Asia) we will see first-hand the difference between pristine forest and monoculture plantations. We aim to showcase the wildlife and forests of Sabah as well as increasing awareness of the problems it is facing.

We will also have the guidance of passionate local guides and there are some fantastic conservation groups working tirelessly to increase sustainable ecotourism here and save as many acres and species as possible.

As many of our targeted species are nocturnal we will be spending a large proportion of our time in the dark, searching the forests and river banks with a spotlight; looking for the tell-tale eye shine of an animals eyes reflecting back the light from your torch. It is always very hard to predict what animals you may see when you embark on a safari, but one thing we know for sure with this trip to Sabah, Borneo: that is that we will see plenty and what we do see will either be endemic, endangered or elusive.

Participants in this trip were Jesper Meedom, Fanny Brulhart, Paul Sutherland, Rahul Kumar, Bob Hussey, Heather Hughes and Simon van der Meulen and after the main trip two of our clients (Jesper Meedom and Paul Sutherland) travelled on to explore the Tawau Hills National Park (as part of our optional post-tour extension) with the expert guidance of our guide Shavez. This was a week-long trip to this remote and seldom visited park. This extension explored the hill regions of Tawau and resulted in seeing some nice bird species including the dinosaur like helmeted hornbill as well as many species of reptile and amphibian, but due to the amazing success of the main trip there were no new mammals to add other than a couple of hill specialist squirrels including **Whitehead's pygmy squirrel** and **ear-spot squirrel**. For future trips (2026 onwards) we have combining Tawau hills and Maliau basin to hopefully increase new mammal species which cannot be seen on the main trip.

Below is a run brief synopsis of the trip and then our species count in the following table and some pictures from the trip. The trip started in Sandakan with everyone's arrival and then transfer Sepilok for the first night and a night walk around the Rainforest Discovery Centre. This is the most reliable location for the western tarsier and our main target here. However today (for the first time ever) we missed the tarsier in RDC, however we did have amazing **Borneo orangutan** sightings as well as **Prevost squirrel**, **red giant flying squirrel** and very nice **Sunda colugo** sightings.

We then went to Deramakot for 8 nights, we would focus heavily at night, although the first night was completely rained off as the heavens opened and it doesn't rain anywhere like it rains in Borneo! Even with the rain we had views of a **banded civet** from the restaurant. The following night there was no rain and we were out for a long night drive. This was very successful with sightings of **Philippine slow loris**, **Sunda stink badger**, **western tarsier** (making up for missing it in RDC) and **sun bear!** Then after reaching the end of the road we turned around and had another **sun bear** before an **otter civet** foraging along the side of the road.

The following night the **sun bear** was seen again, unlike last night when the bear disappeared down a tree very fast not allowing for pictures, this sighting was much better with a very relaxed bear feeding on figs and whilst we were watching a second **sun bear** came along and started to feed to and believe it or not, after a long time and when everyone was happy with the views and photos they got we decided to leave the TWO **sun bears** feeding and carry on the drive.

The bears and otter civet were not the only mega mammals to be seen in Deramakot on the trip as we also had amazing views of a **Sunda pangolin** on the road for a while before going into the forest and then coming back out again! Just when the group was thinking that things couldn't get any better they went out before dark to have an afternoon drive and come back after dark they found another (maybe one of the ones from a couple of nights ago) **sun bear** feeding in the same fig tree in the day time for 10-15 minutes. In the words of the legendary Mike Gordon "best sighting of all time". The rest of the afternoon drive was also spectacular with no less than 11 **Borneo orangutans** seen on the one drive!

Other notable mammals seen in Deramakot included large Sunda tree mouse, Thomas's flying squirrel, Borneo striped palm civet, Sunda leopard cat, dark-tailed tree rat, Malay civet, cream-coloured giant squirrel, Island palm civet, trefoil horseshoe bat, lesser mouse deer, Hose's pygmy flying squirrel, large flying fox and Malay porcupine along with a good collection of small rodents and bats also. All are listed in the below species list.

From here the group went to the largest river in Malaysian Borneo, the Kinabatangan River. Unfortunately we didn't get a flat-headed cat (perhaps all of our luck had run out) but we did see the other major targets along the river including **proboscis monkey**, **Sundiac silvered langur** and **southern pig-tailed macaque** and others.

The third and final location was Tabin Wildlife Reserve, key species we like to see here include **north Borneo gibbons** and **Sunda stink badger** but our interest was peaked immediately on the first drive when we got to the main gate and there was a delivery van there, we turned around and headed back and the van driver waited to close the gate. Then no less than 5 minutes later the delivery driver caught up with the vehicle and told us that after we left a clouded leopard crossed the road behind us, we went back and confirmed with fresh paw tracks on the road. So with everyone pumped up we hoped for one more mega mammal sighting of the trip. Then on the very last drive of the trip a huge male **Sunda clouded leopard** came out of the forest and walked along the road and gave incredible views for everyone!

As well as mammals, below we have listed the notable birds, reptiles and amphibians seen on the trip.

We are Royle Safaris remains committed to trying to establish small-scale sustainable eco tourism centred around some of the world's rarest and little seen mammal species. So anyone who is interested in looking for such an animal (such as the elusive nocturnal wildlife of Borneo or any other animals) and cannot find a means of getting a trip together or is struggling to find like minded people to travel with; contact us (info@royle-safaris.co.uk) we have a network of local guides, researchers and conservationists around the world as well as a large following of clients and so are uniquely situated to put together pioneering mammalwatching trips and get small groups together for such trips. Or we can arrange private tours if you do not want to be in a small group. Any and all options are possible and we look forward to hearing from you and working on the next rare mammalwatching expedition.

We have filled our 2025 Borneo Rare Mammals Tour and optional post tour extension to Tawau Hills National Park, but have opened up our 2026 group tour dates and have already received some bookings, so there is limited availability. For anyone interested please contact us and we will be more than happy to answer any questions you may have and provide our brochure for the main trip and post tour extension to Tawau Hills & Maliau Basin.

Species List

Borneo's Rare Mammals Tour & Tawau Hills Extension – Aug/Sep 2024

Mammals

	Common Name	Binominal Name
1	Black Flying Squirrel	Aeromys tephromelas
2	Thomas's Flying Squirrel	Aeromys thomasi
3	Oriental Small Clawed Otter	Aonyx cinereus
4	Bornean Striped Palm Civet	Arctogalidia stigmatica
5	Ear-spot squirrel	Callosciurus adamsi
6	Plantain Squirrel	Callosciurus notatus
7	Prevost's Squirrel	Callosciurus prevostii
8	Western Tarsier	Cephalopachus bancanus
9	Sambar Deer	Cervus unicolor
10	Large Sunda tree mouse	Chiropodomys major
11	Otter civet	Cynogale bennettii
12	Lesser Short Nosed Fruit Bat	Cynopterus brachyotis
13	Moonrat	Echinosorex gymnura
14	Asiatic Elephant	Elephas maximus
15	Philippine sheath-tailed bat	Emballonura alecto
16	Plain Pygmy Squirrel	Exilisciurus exilis
17	Whitehead's Pygmy Squirrel	Exilisciurus whiteheadi
18	Sunda colugo	Galeopterus variegatus
19	Sun bear	Helarctos malayanus
20	Banded Palm Civet	Hemigalus derbyanus
21	Fawn roundleaf bat	Hipposideros cevinus
22	Diadem Roundleaf Bat	Hipposideros diadema
23	North Bornean Gibbon	Hylobates funereus
24	Malayan porcupine	Hystrix brachyura
25	Gray tree rat	Lenothrix canus
26	Long Tailed Macaque	Macaca fascicularis
27	Southern Pig Tailed Macaque	Macaca nemestrina
28	Sunda pangolin	Manis javanica
29	Rajah spiny rat	Maxomys rajah
30	Whitehead's spiny rat	Maxomys whiteheadi

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31	Wrinkle-lipped free-tailed bat	Mops plicatus
32	Sunda Skunk	Mydaus javanensis
33	Proboscis Monkey	Nasalis larvatus
34	Sunda clouded leopard	Neofelis diardii
35	Dark-tailed tree rat	Niviventer cremoriventer
36	Philippine Slow Loris	Nycticebus menagensis
37	Island Palm Civet	Paradoxurus philippinenis
38	Hose's Pygmy Flying Squirrel	Petaurillus hosei
39	Red Giant Flying Squirrel	Petaurista petaurista
40	Temminck's flying squirrel	Petinomys setosus
41	Borneo orangutan	Pongo pygmaeus
42	Maroon Langur	Presbytis rubicunda
43	Sunda Leopard Cat	Prionailurus javanensis
44	Large flying fox	Pteropus vampyrus
45	Malaysian field rat	Rattus tiomanicus
46	Cream-coloured Giant Squirrel	Ratufa affinis
47	Acuminate horseshoe bat	Rhinolophus acuminatus
48	Large eared horseshoe bat	Rhinolophus philippenensis
49	Lesser woolly horseshoe bat	Rhinolophus sedulus
50	Trefiol Horseshoe bat	Rhinolophus trifoliatus
51	Hose's pygmy shrew	Suncus hosei
52	Muller's giant Sunda rat	Sundamys muelleri
53	Low's squirrel	Sundasciurus Iowii
54	Silvery Langur	Trachypithecus cristatus
55	Lesser Mouse Deer	Tragulus kanchil
56	Greater mousedeer	Tragulus napu
57	Malay Civet	Viverra tangalunga

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Note: Some bats identified 100% at roosts or with good views. Others identified with spectrograms in combination with sightings (no spectrograms without visual confirmation are recorded as a sighting), behaviour and habitat – so not 100% but best educated guesses. For more information please email me.

Birds

	Common Name	Binominal Name
1	Crested goshawk	Accipiter trivirgatus
2	White Crowned Hornbill	Aceros comatus
3	Wrinkled Hornbill	Aceros corrugatus

4	Wreathed Hornbill	Aceros undulatus
5	Javan mynah	Acridotheres javanicus
6	Common Mynah	Acridotheres tristis
7	Common sandpiper	Actitis hypoleucos
8	Edible-nest swiftlet	Aerodramus fuciphagus
9	Black-nest swiftlet	Aerodramus maximus
10	Eastern crimson Sunbird	Aethopyga siparaja
11	Blue Eared Kingfisher	Alcedo meninting
12	Finsch's bulbul	Alophoixus finschii
13	White-breasted waterhen	Amaurornis phoenicurus
14	Oriental anhinga	Anhinga melanogaster
15	Bushy Crested Hornbill	Anorrhinus galeritus
16	Oriental Pied Hornbill	Anthracoceros albirostris
17	Asian Black Hornbill	Anthracoceros malayanus
18	Asian glossy starling	Aplonis panayensis
19	Pacific swift	Apus pacificus
20	Long-billed spiderhunter	Arachnothera robusta
21	Little spiderhunter	Aracthothera longirostra
22	Purple Heron	Ardea purpurea
23	Great argus	Argusianus argus
24	White-breasted woodswallow	Artamus leucorynchus
25	Jerdon's baza	Aviceda jerdoni
26	Blyth's frogmouth	Batrachostomus affinis
27	Barred Eagle Owl	Bubo sumatranus
28	Rhinoceros Hornbill	Buceros rhinoceros
29	Helmeted Hornbill	Buceros vigil
30	Striated heron	Butorides striata
31	Brown Barbet	Calorhamphus fuliginosus
32	Greater Coucal	Centropus sinensis
33	Oriental dwarf kingfisher	Ceyx erithaca
34	Ruby-cheeked sunbird	Chalcoparia singalensis
35	Common emerald dove	Chalcophaps indica
36	Lesser Green Leafbird	Chloropsis cyanopogon
37	Greater Green Leafbird	Chloropsis sonnerati
38	Little bronze cuckoo	Chrysococcyx minutillus
39	Storm Stork	Ciconia stormi
40	Olive-backed sunbird	Cinnyris jugularis
41	Feral Pigeon	Columba livia
42	Oriental Magpie Robin	Copsychus saularis

43	White Crowned Shama	Copsychus stricklandii
44	Lesser Cuckooshrike	Coracina striata
45	Slender Billed Crow	Corvus enca
46	Grey-headed canary-flycatcher	Culcicapa ceylonensis
47	Grey-and-buff woodpecker	Dendrocopus moluccensis
48	Thick-billed flowerpecker	Dicaeum agile
49	Orange-bellied flowerpecker	Dicaeum trigonostigma
50	Bronzed Drongo	Dicrurus aeneus
51	Greater racket-tailed drongo	Dicrurus paradiseus
52	Olive-backed sunbird woodpecker	Dinopium raffesii
53	White-bellied woodpecker	Dryocopus javanensis
54	Green Imperial Pigeon	Ducula aenea
55	Great Egret	Egretta alba
56	Little Egret	Egretta garzetta
57	White Crowned Forktail	Enicurus leschenaulti
58	Black-and-yellow broadbill	Eurylaimus ochromalus
59	Dollarbird	Eurystomus orientalis
60	Zebra dove	Geopelia striata
61	Hill Myna	Gracula religiosa
62	Brahminy kite	Haliastur indus
63	Diard's trogon	Harpactes diardii
64	Scarlet-rumped trogon	Harpactes duvaucelii
65	Whiskered treeswift	Hemiprocne cornata
66	Pacific Swallow	Hirundo tahitica
67	Black-naped monarch	Hypothymis azurea
68	Lesser fish eagle	Icthyophaga humilis
69	Grey-headed fish egale	Icthyophaga ichthyaetus
70	Indian Black Eagle	Ictinaetus malayensis
71	Buffy Fish Owl	Ketupa ketupu
72	Lesser Adjunctant	Leptoptilos javanicus
73	Chestnut Munia	Lonchura atricapilla
74	Dusky Munia	Lonchura fuscans
75	White-bellied munia	Lonchura leucogasta
76	Blue-crowned hanging parrot	Loriculus galgulus
77	Bat Hawk	Macheiramphus alcinus
78	Fluffy-backed tit-babbler	Macronus ptilosus
79	Scaly-crowned babbler	Malacopteron cinereum
80	Buff-rumped woodpecker	Meiglyptes tristis
81	Blue Throated Bee Eater	Merops viridis

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88 Dark-necked tailorbird Orthotomus atrogularis 89 Rufous-tailed tailorbird Orthotomus sericeus 90 Sunda scops owl Otus lempiji 91 Eurasian Tree Sparrow Passer montanus 92 Stork Billed Kingfisher Pelargopsis capensis 93 Fiery Minivet Pericrocotus igneus 94 Oriental Honey Buzzard Pernis ptilorhynchus 95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus curvirostris 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow-tumped flowerpecker Prinachilus percussus 102 Yellow-rumped flowerpecker Prinochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus goiavier 107 Black-and-white bulbul Pycnonotus melanoleucus 108 Cream-vented bulbul Pycnonotus melanoleucus 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spilornis cheela 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher			
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90 Sunda scops owl Passer montanus 91 Eurasian Tree Sparrow Passer montanus 92 Stork Billed Kingfisher Pelargopsis capensis 93 Fiery Minivet Perirocotus igneus 94 Oriental Honey Buzzard Pernis ptilorhynchus 95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus javanicus 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow Bellied Prinia Prinia flaviventris 102 Yellow-rumped flowerpecker Prionochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus goiavier 107 Black-and-white bulbul Pycnonotus melanoleucus 108 Cream-vented bulbul Pycnonotus melanoleucus 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura givanica 113 Spotted fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spizaetus cirrhatus 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher Terpsiphone affinis	88		
91 Eurasian Tree Sparrow Passer montanus 92 Stork Billed Kingfisher Pelargopsis capensis 93 Fiery Minivet Pericrocotus igneus 94 Oriental Honey Buzzard Pernis ptilorhynchus 95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus javanicus 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow Bellied Prinia Prinia flaviventris 102 Yellow-rumped flowerpecker Prionochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus goiavier 107 Black-and-white bulbul Pycnonotus melanoleucus 108 Cream-vented bulbul Pycnonotus melanoleucus 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spizaetus cirrhatus 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher Terpsiphone affinis	89	Rufous-tailed tailorbird	Orthotomus sericeus
92 Stork Billed Kingfisher Pelargopsis capensis 93 Fiery Minivet Pericrocotus igneus 94 Oriental Honey Buzzard Pernis ptilorhynchus 95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus javanicus 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow Bellied Prinia Prinia flaviventris 102 Yellow-rumped flowerpecker Prionochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus brunneus 106 Yellow-vented bulbul Pycnonotus goiavier 107 Black-and-white bulbul Pycnonotus simplex 108 Cream-vented bulbul Pycnonotus simplex 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura perlata 113 Spotted fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spizaetus cirrhatus 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher Terpsiphone affinis	90	Sunda scops owl	Otus lempiji
93 Fiery Minivet	91	Eurasian Tree Sparrow	Passer montanus
94 Oriental Honey Buzzard Pernis ptilorhynchus 95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus javanicus 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow Bellied Prinia Prinia flaviventris 102 Yellow-rumped flowerpecker Prionochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus brunneus 106 Yellow-vented bulbul Pycnonotus melanoleucus 107 Black-and-white bulbul Pycnonotus simplex 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura perlata 113 Spotted fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spizaetus cirrhatus 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher Terpsiphone affinis	92	Stork Billed Kingfisher	Pelargopsis capensis
95 Chestnut-breasted Malkoha Phaenicophaeus curvirostris 96 Red-billed malkoha Phaenicophaeus javanicus 97 Maroon-breasted philentoma Philentoma velata 98 Oriental bay owl Phodilus badius 99 Malayan black magpie Platysmurus leucopterus 100 Chestnut-backed scimitar babbler Pomatorhinus montanus 101 Yellow Bellied Prinia Prinia flaviventris 102 Yellow-rumped flowerpecker Prionochilus percussus 103 Black-eared barbet Psilopogon duvaucelii 104 Black-headed Bulbul Pycnonotus atriceps 105 Asian red-eyed bulbul Pycnonotus brunneus 106 Yellow-vented bulbul Pycnonotus melanoleucus 107 Black-and-white bulbul Pycnonotus melanoleucus 108 Cream-vented bulbul Pycnonotus simplex 109 Orange-backed woodpecker Reinwardtipicus vallidus 110 Silver Rumped Spinetail Rhaphidura leucopygialis 111 Raffles Malkhoha Rhinortha chlorophaea 112 Malaysian Pied Fantail Rhipidura perlata 113 Spotted fantail Rhipidura perlata 114 Rufous piculet Sasia abnormis 115 Velvet-fronted nuthatch Sitta frontalis 116 Crested Serpent Eagle Spilornis cheela 117 Changeable Hawk Eagle Spizaetus cirrhatus 118 Brown Wood Owl Strix leptogrammica 119 Blyth's paradise flycatcher Terpsiphone affinis	93	Fiery Minivet	Pericrocotus igneus
96Red-billed malkohaPhaenicophaeus javanicus97Maroon-breasted philentomaPhilentoma velata98Oriental bay owlPhodilus badius99Malayan black magpiePlatysmurus leucopterus100Chestnut-backed scimitar babblerPomatorhinus montanus101Yellow Bellied PriniaPrinia flaviventris102Yellow-rumped flowerpeckerPrionochilus percussus103Black-eared barbetPsilopogon duvaucelii104Black-headed BulbulPycnonotus atriceps105Asian red-eyed bulbulPycnonotus brunneus106Yellow-vented bulbulPycnonotus goiavier107Black-and-white bulbulPycnonotus melanoleucus108Cream-vented bulbulPycnonotus simplex109Orange-backed woodpeckerReinwardtipicus vallidus110Silver Rumped SpinetailRhaphidura leucopygialis111Raffles MalkhohaRhinortha chlorophaea112Malaysian Pied FantailRhipidura javanica113Spotted fantailRhipidura perlata114Rufous piculetSasia abnormis115Velvet-fronted nuthatchSitta frontalis116Crested Serpent EagleSpilornis cheela117Changeable Hawk EagleSpizaetus cirrhatus118Brown Wood OwlStrix leptogrammica119Blyth's paradise flycatcherTerpsiphone affinis	94	Oriental Honey Buzzard	Pernis ptilorhynchus
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111Raffles MalkhohaRhinortha chlorophaea112Malaysian Pied FantailRhipidura javanica113Spotted fantailRhipidura perlata114Rufous piculetSasia abnormis115Velvet-fronted nuthatchSitta frontalis116Crested Serpent EagleSpilornis cheela117Changeable Hawk EagleSpizaetus cirrhatus118Brown Wood OwlStrix leptogrammica119Blyth's paradise flycatcherTerpsiphone affinis	109	Orange-backed woodpecker	Reinwardtipicus vallidus
112Malaysian Pied FantailRhipidura javanica113Spotted fantailRhipidura perlata114Rufous piculetSasia abnormis115Velvet-fronted nuthatchSitta frontalis116Crested Serpent EagleSpilornis cheela117Changeable Hawk EagleSpizaetus cirrhatus118Brown Wood OwlStrix leptogrammica119Blyth's paradise flycatcherTerpsiphone affinis	110	Silver Rumped Spinetail	Rhaphidura leucopygialis
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117Changeable Hawk EagleSpizaetus cirrhatus118Brown Wood OwlStrix leptogrammica119Blyth's paradise flycatcherTerpsiphone affinis	116	Crested Serpent Eagle	Spilornis cheela
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	118	Brown Wood Owl	•
	119	Blyth's paradise flycatcher	Terpsiphone affinis
120 Collated Kinglisher Todirdriphus Chloris	120	Collared Kingfisher	Todiramphus chloris

121	Little Green Pigeon	Treron olax
122	Pink-necked green pigeon	Treron vernans
123	Ferruginous babbler	Trichastoma bicolor
124	White-chested babbler	Trichastoma rostratum
125	Hairy-backed bulbul	Tricholestes criniger

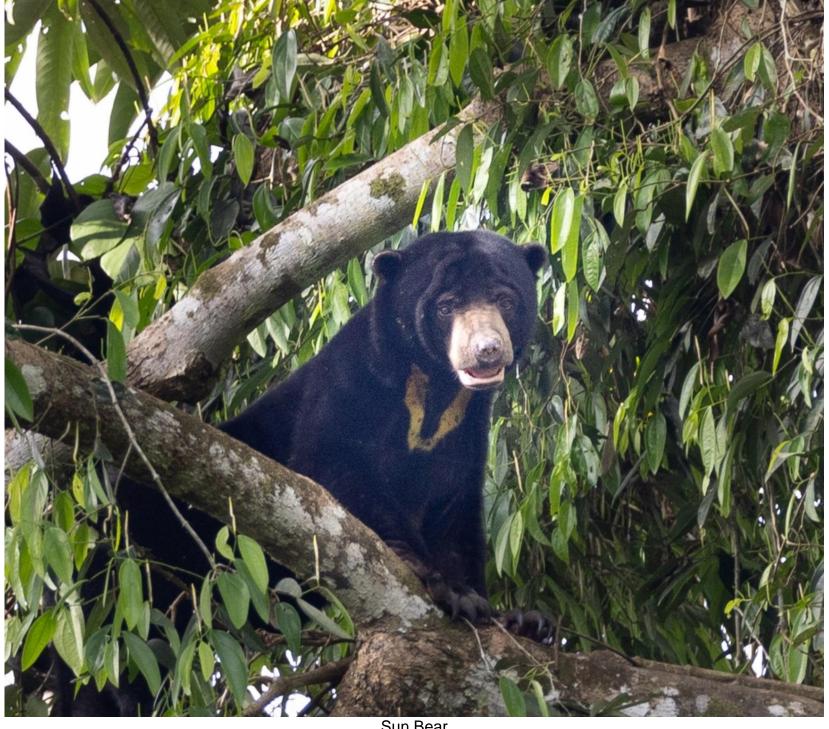
Reptiles

	Common Name	Binominal Name
1	Green Crested Lizard	Bronchoccela cristatella
2	Banded krait	Bungarus fasciatus
3	Malaysian striped coral snake	Calliophis intestinalis
4	Malaysian racer	Coelognathus flavolineatus
5	Estuarine Crocodile	Crocodylus porosus
6	Elegant bronzeback tree-snake	Dendrelaphis cyanochloris
7	Beautiful bronzebacked tree-snake	Dendrelaphis formosis
8	Brooke's house gecko	Hemidactylus brookii
9	Asian House Gecko	Hemidactylus frenatus
10	Slender wolf snake	Lycodon capucinus
11	Reticulated Python	Malayopython reticulatus
12	Black marsh turtle	Siebenrockiella crassicollis
13	Sabah forest skink	Sphenomorphus sabanus
14	Borneon Keeled Pit Viper	Tropidolaemus subannulatus
15	Asian Water Monitor	Varanus salvator

Amphibians

	Common Name	Binominal Name
1	Four-lined tree frog	Polypedates leucomystax
2	Dark Eared Tree Frog	Polypedates macrotis
3	File Eared Frog	Polypedates otilophus
4	Wallace's flying frog	Rhacophorus nigropalmatus
5	Harlequin Flying Frog	Rhacophorus pardalis





Sun Bear

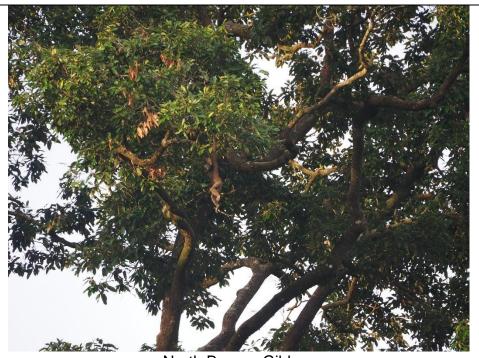


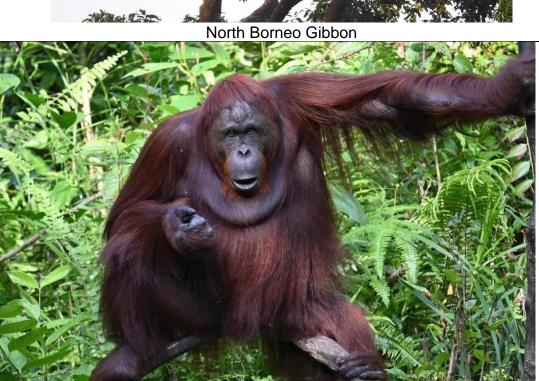






Red Giant Flying Squirrel





Borneo Orangutan



Borneo Orangutan



Southern Pig-tailed Macaque







Philippine Slow Loris

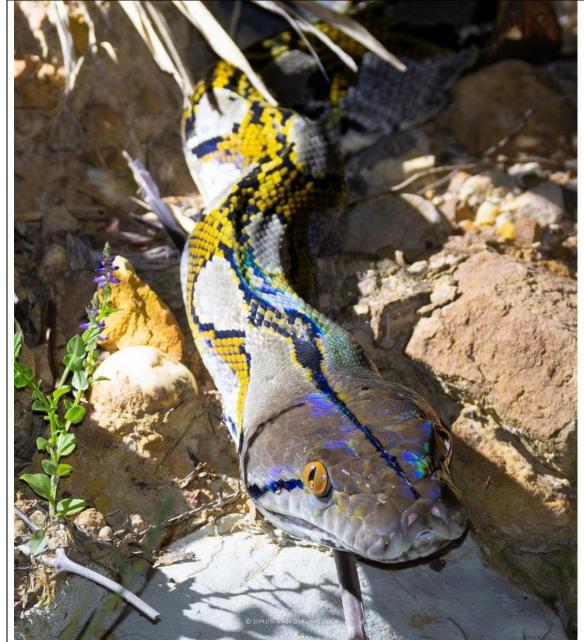


Sundiac Silvered Langur



Western Tarsier







Paradise Tree Snake

Reticulated Python





Oriental Bay Owl



Borneo Wood Owl

