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# Borneo

## Checklist Birds

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Taxonomically the trip report is based on Clements (6.6 August 2011) and follows its nomenclature and also its sequence of species and subspecies. There are in addition a dozen or so newly discovered species around the world that have not yet been included by Clements since awaiting formal acceptance by the relevant authority. We have opted to include these as "Undescribed Species" in GT awaiting their expected inclusion in future revisions of the checklist - if you have been lucky to observe one of these on the trip, the species will be marked with SP after its proposed common name. The trip report is structured in three components: Species information, Observations and Comments where the first two are fully automated based on the TripLog.

**Species information:** First, the English name is given in bold followed by the scientific name in italics. If the species is subspecifically identified (through field characteristics or geographical distribution) the 3rd "subspecific" leg in the scientific name is also given - if more than one subspecies has been observed during the trip, these are specified under Observations).

Additional information (e.g. **(Bornean Ground-Cuckoo (M) *Carpococcyx radiatus* (NT) Endemic):**

1. If a species is monotypic this is indicated with (M) after its common name and before the scientific name.
2. Threatened species (according to IUCN's nomenclature) are indicated as follows: CR (=Critical), EN (=Endangered), VU (=Vulnerable), NT (=Near-threatened) and DD (=Data Deficient)
3. Endemic marker

**Observations:** Quantity, site and date are specified for all observations with the following exception: For some common and/or widespread species where the tour leader deems it not worthwhile to detail quantity or sites for all observations, the first observation is given a site and then for the consecutive days it is only marked as observed during the day. These observations will have the following standard text: Common/widespread - observed on x days of y and first noted at "site" on 24.3.

- Quantity: 1 "site" 24.3 indicates 1 seen, 1 heard "site" 24.3 indicates 1 heard only and 1/3 "site" 24.3 indicates 1 seen and 3 heard.

- Sites: Aside from the specified sites, "en route" indicates an observation whilst travelling between sites. If an interesting species was encountered "en route", it is recommended to make a note of this in the Comments field

- Date format: 24.3 equals March 24. If 24-26.3 means observed on all days, i.e. March 24, 25 and 26.

**Comments:** A free text field allows some additional information on spectacular species to be noted and further details on where and how a species was observed.

If the trip included locations outside the main country, observations will be detailed separately under each additional country.

# Species

- 1 **Wandering Whistling-Duck** *Dendrocygna arcuata arcuata*  
2 Papar Rice fields 29.3 and 15 there 1.4.

- 2 **Garganey (M)** *Anas querquedula*  
1 Kota Belud 1.4.

- 3 **Blue-breasted Quail** *Coturnix chinensis lineata*  
2 Kota Belud 2.4.

- 4 **Red-breasted Partridge** *Arborophila hyperythra erythrophrys*  
Up to 2 heard Mount Kinabalu 24.3-26.3, 2 heard Paya Maga 30.3.

- 5 **Chestnut-necklaced Partridge** *Arborophila charltonii graydoni* (NT)  
1 heard Kinabatangan 13.3.

- 6 **Crimson-headed Partridge (M)** *Haematortyx sanguiniceps*  
Up to 2/4 Mount Kinabalu 23.3-26.3, 1 heard Ravenscourt 31.3.  
A pair seen at close range along Kiau View trail.

- 7 **Crested Partridge (M)** *Rollulus rouloul* (NT)  
3/2 Danum Valley DVFC 18.3.

- 8 **Crested Fireback** *Lophura ignita nobilis* (NT)

- 1 male at BRL and 3 seen roosting in high trees during night drive at DVFC.
- 9 **Great Argus** *Argusianus argus grayi* (NT)  
1 heard Danum Valley BRL 17.3, 1 heard Danum Valley DVFC 18.3 and 2 heard there 19.3, 1 heard Rafflesia Forest Reserve 29.3, 1 heard Paya Maga 30.3 and 1 heard there 1.4.
- 10 **Storm's Stork** (M) *Ciconia stormi* (EN)  
Up to 15 Kinabatangan 12.3-14.3.  
This elsewhere rare bird easily seen along Kinabatangan river.
- 11 **Lesser Adjutant** (M) *Leptoptilos javanicus* (VU)  
Up to 2 Kinabatangan 12.3-14.3 and also seen en route between sites 15.3.
- 12 **Lesser Frigatebird** *Fregata ariel ariel*  
50 Sipadan 20.3, 150 Matakang 21.3 and 10 Si Amil 22.3.
- 13 **Oriental Darter** (M) *Anhinga melanogaster* (NT)  
Up to 20 Kinabatangan 12.3-15.3, up to 3 Danum Valley DVFC 17.3-19.3.
- 14 **Yellow Bittern** (M) *Ixobrychus sinensis*  
1 Papar Rice fields 1.4, 2 Kota Belud 1.4 and 3 there 2.4.
- 15 **Schrenck's Bittern** (M) *Ixobrychus eurhythmus*  
1 Matakang 21.3.  
Seen well at 4-5 meter range when, relying on it not being seen, it was slowly walking passed us (!) into cover just next to the beach - rare non-breeding visitor.
- 16 **Cinnamon Bittern** (M) *Ixobrychus cinnamomeus*  
3 Kota Belud 2.4.
- 17 **Purple Heron** *Ardea purpurea manilensis*  
1 Kota Kinabalu 11.3, up to 30 Kinabatangan 12.3-15.3, 5 Papar Rice fields 1.4, 5 Kota Belud 1.4 and 10 there 2.4.
- 18 **Great Egret** *Ardea alba modesta*  
Common/widespread - seen on 16 days of 23 with first observation Kota Kinabalu 11.3.
- 19 **Intermediate Egret** *Mesophoyx intermedia intermedia*  
5 Kota Kinabalu 11.3, 15 Papar Rice fields 1.4, 15 Kota Belud 1.4 and 10 there 2.4 and also seen en route between sites 15.3 and 29.3.
- 20 **Little Egret** *Egretta garzetta nigripes*  
2 Sepilok 12.3, 2 Kinabatangan 12.3 and 2 there 14.3, 3 Si Amil 22.3, 1 Kota Kinabalu 23.3, 2 Poring Hot Springs 28.3, 40 Papar Rice fields 1.4, 40 Kota Belud 1.4 and 50 there 2.4 and also seen en route between sites 29.3.
- 21 **Pacific Reef-Heron** *Egretta sacra sacra*  
10 Sipadan 20.3 and 20 Matakang 21.3.
- 22 **Cattle Egret** *Bubulcus ibis coromandus*  
Common/widespread - seen on 13 days of 23 with first observation Sepilok 11.3.
- 23 **Javan Pond-Heron** *Ardeola speciosa speciosa*  
3 Kota Belud 1.4 and 4 there 2.4.
- 24 **Striated Heron** *Butorides striata javanica*  
1 Kinabatangan 13.3 and 1 there 14.3.
- 25 **Black-crowned Night-Heron** *Nycticorax nycticorax nycticorax*  
Up to 30 Kinabatangan 12.3-14.3, 2 Semporna 22.3, 2 Kota Belud 1.4 and 1 there 2.4.
- 26 **Rufous Night-Heron** *Nycticorax caledonicus manillensis*  
1 Sipadan 20.3, up to 3 Semporna 19.3-21.3.
- 27 **Osprey** *Pandion haliaetus haliaetus*  
Only seen en route between sites 26.3.  
Seen when driving from Mt Kinabalu to Poring Hot Springs
- 28 **Jerdon's Baza** *Aviceda jerdoni borneensis*

- 29 **Oriental Honey-buzzard** *Pernis ptilorhynchus torquatus*  
1 Kinabatangan 12.3 and 1 Ravenscourt 31.3 and also seen en route between sites 1.4.
- 30 **Bat Hawk** *Macheiramphus alcinus alcinus*  
2 Kinabatangan 12.3 and 1 there 13.3.  
Seen flying across the jungle camp at dusk on two consecutive evenings.
- 31 **Black-shouldered Kite** *Elanus caeruleus hypoleucus*  
2 Papar Rice fields 1.4, 4 Kota Belud 1.4 and 3 there 2.4.
- 32 **Brahminy Kite** *Haliastur indus intermedius*  
1 Sepilok 11.3 and 1 there 12.3, up to 4 Kinabatangan 12.3-15.3, 2 Sipadan 20.3, 1 Semporna 22.3, 2 Kota Belud 2.4 and also seen en route between sites 19.3, 29.3 and 1.4.
- 33 **White-bellied Sea-Eagle** (M) *Haliaeetus leucogaster*  
2 Sepilok 11.3, 1 Kinabatangan 14.3, 2 Sipadan 20.3 and 2 Si Amil 22.3 and also seen en route between sites 19.3, 29.3 and 1.4.
- 34 **Lesser Fish-Eagle** *Ichthyophaga humilis humilis* (NT)  
1 Kinabatangan 14.3.
- 35 **Gray-headed Fish-Eagle** (M) *Ichthyophaga ichthyaetus* (NT)  
2 Kinabatangan 14.3.
- 36 **Mountain Serpent-Eagle** (M) *Spilornis kinabaluensis* (VU)  
2 Paya Maga 30.3 and 4 Ravenscourt 31.3.  
Having missed it at Poring Hot Springs and Rafflesia, the handful of observations in Sarawak were more than welcome.
- 37 **Crested Serpent-Eagle** *Spilornis cheela pallidus*  
2 Sepilok 12.3, up to 10 Kinabatangan 12.3-15.3, 3 Danum Valley BRL 16.3 and 2 there 17.3, 2 Danum Valley DVFC 18.3, 2 Paya Maga 30.3, 1 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 19.3.
- 38 **Crested Goshawk** *Accipiter trivirgatus microstictus*  
Up to 2 Kinabatangan 12.3-15.3, 3 Danum Valley BRL 17.3 and also seen en route between sites 1.4.
- 39 **Besra** *Accipiter virgatus rufotibialis*  
1 Rafflesia Forest Reserve 29.3.
- 40 **Black Eagle** *Ictinaetus malayensis malayensis*  
1 Danum Valley DVFC 19.3, 1 Mount Kinabalu 23.3 and 1 Ravenscourt 31.3 and also seen en route between sites 28.3.
- 41 **Rufous-bellied Eagle** *Lophotriorchis kienerii formosus*  
1 Kinabatangan 13.3 and 1 there 14.3, 2 Danum Valley BRL 16.3, 1 Ravenscourt 31.3.
- 42 **Changeable Hawk-Eagle** *Nisaetus cirrhatus limnaeetus*  
1 Danum Valley BRL 16.3.
- 43 **Blyth's Hawk-Eagle** (M) *Nisaetus alboniger*  
1 Mount Kinabalu 24.3, 1 Poring Hot Springs 27.3 and 1 Rafflesia Forest Reserve 29.3.
- 44 **Wallace's Hawk-Eagle** *Nisaetus nanus nanus* (VU)  
Up to 5 Kinabatangan 12.3-15.3.
- 45 **White-fronted Falconet** (M) *Microhierax latifrons* (NT)  
2 Danum Valley BRL 17.3, 2 Danum Valley DVFC 18.3 and 2 Poring Hot Springs 27.3.  
3 pairs seen perched high up in big trees with bare twigs, the first between BRL and DVFC, the second along the access road close to DVFC and the third just before leaving the Hot springs area at Poring.
- 46 **Peregrine Falcon** *Falco peregrinus*  
*calidus*: 1 Papar Rice fields 1.4 and 1 Kota Belud 2.4.  
*ernesti*: 1 Mount Kinabalu 25.3.
- 47 **Buff-banded Rail** *Gallirallus philippensis philippensis*  
1 Mataking 21.3.

- 48 **White-breasted Waterhen** *Amaurornis phoenicurus phoenicurus*  
1 Sepilok 12.3, 1 Poring Hot Springs 28.3, 1 Paya Maga 30.3, 1 Ravenscourt 31.3, 5 Papar Rice fields 1.4, 5 Kota Belud 1.4 and 15 there 2.4 and also seen en route between sites 19.3 and 28-29.3.
- 49 **White-browed Crane** (M) *Porzana cinerea*  
1 Kota Belud 2.4.
- 50 **Watercock** (M) *Gallicrex cinerea*  
8 Kota Belud 1.4 and 2 there 2.4.
- 51 **Purple Swampphen** *Porphyrio porphyrio indicus*  
6 Kota Belud 1.4 and 10 there 2.4.
- 52 **Eurasian Moorhen** *Gallinula chloropus orientalis*  
10 Papar Rice fields 1.4, 10 Kota Belud 1.4 and 15 there 2.4.
- 53 **Black-bellied Plover** (M) *Pluvialis squatarola*  
1 Matakang 21.3.
- 54 **Pacific Golden-Plover** (M) *Pluvialis fulva*  
5 Kota Belud 1.4.
- 55 **Lesser Sand-Plover** *Charadrius mongolus atrifrons*  
1 Matakang 21.3.  
This is the subspecies encountered on Borneo according to Myers (Birds of Borneo 2010).
- 56 **Greater Sand-Plover** *Charadrius leschenaultii leschenaultii*  
10 Matakang 21.3 and 2 Semporna 22.3 and also seen en route between sites 1.4.  
This is the subspecies encountered on Borneo according to Myers (Birds of Borneo 2010).
- 57 **Common Sandpiper** (M) *Actitis hypoleucos*  
2 Kota Kinabalu 11.3, up to 3 Kinabatangan 13.3-15.3, 1 Semporna 21.3, 1 Paya Maga 30.3, 1 Ravenscourt 31.3, 1 Papar Rice fields 1.4, 2 Kota Belud 2.4.
- 58 **Common Greenshank** (M) *Tringa nebularia*  
1 Papar Rice fields 1.4, 10 Kota Belud 1.4 and 10 there 2.4 and also seen en route between sites 29.3.
- 59 **Marsh Sandpiper** (M) *Tringa stagnatilis*  
18 Papar Rice fields 1.4, 10 Kota Belud 1.4 and 50 there 2.4.
- 60 **Wood Sandpiper** (M) *Tringa glareola*  
50 Papar Rice fields 1.4, 100 Kota Belud 1.4 and 100 there 2.4.
- 61 **Whimbrel** *Numenius phaeopus variegatus*  
30 Matakang 21.3.
- 62 **Ruddy Turnstone** *Arenaria interpres interpres*  
1 Matakang 21.3.
- 63 **Temminck's Stint** (M) *Calidris temminckii*  
1 Kota Belud 2.4.
- 64 **Long-toed Stint** (M) *Calidris subminuta*  
10 Papar Rice fields 1.4, 50 Kota Belud 1.4 and 50 there 2.4.
- 65 **Pin-tailed Snipe** (M) *Gallinago stenura*  
1 Papar Rice fields 1.4.
- 66 **Swinhoe's Snipe** (M) *Gallinago megala*  
2 Papar Rice fields 1.4, 2 Kota Belud 1.4 and 3 there 2.4.
- 67 **Oriental Pratincole** (M) *Glareola maldivarum*  
100 Kota Belud 2.4.
- 68 **Greater Painted-snipe** (M) *Rostratula benghalensis*  
2 Kota Belud 1.4.

8 Sipadan 20.3 and 10 Mataking 21.3.

70 **White-winged Tern** (M) *Chlidonias leucopterus*

100 Sipadan 20.3, 50 Mataking 21.3 and 20 Si Amil 22.3.

71 **Whiskered Tern** *Chlidonias hybrida javanicus*

1 Kinabatangan 14.3, 10 Sipadan 20.3, 10 Mataking 21.3 and 10 Kota Belud 2.4.

72 **Black-naped Tern** *Sterna sumatrana sumatrana*

2 Sipadan 20.3, 2 Mataking 21.3 and 50 Si Amil 22.3.

73 **Common Tern** *Sterna hirundo longipennis*

20 Sipadan 20.3, 20 Mataking 21.3 and 20 Si Amil 22.3.

74 **Great Crested Tern** *Thalasseus bergii cristatus*

3 Mataking 21.3 and 1 Si Amil 22.3.

75 **Rock Pigeon** *Columba livia*

Common/widespread - seen on 6 days of 23 with first observation Sepilok 12.3.

Low numbers in towns and villages.

76 **Spotted Dove** *Streptopelia chinensis tigrina*

Common/widespread - seen on 14 days of 23 with first observation Sepilok 11.3.

Common in the lowlands.

77 **Ruddy Cuckoo-Dove** *Macropygia emiliana borneensis*

1 Ravenscourt 31.3.

78 **Little Cuckoo-Dove** *Macropygia ruficeps nana*

Up to 3/3 Mount Kinabalu 23.3-26.3, 5 Poring Hot Springs 26.3 and 1/2 there 27.3, 8 Rafflesia Forest Reserve 28.3 and 10 there 29.3, 20 Ravenscourt 31.3, 3 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 30.3.

79 **Emerald Dove** *Chalcophaps indica indica*

1 Sepilok 11.3, 1 Paya Maga 30.3, 3 Ravenscourt 31.3 and 2 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 19.3 and 20.3.

80 **Zebra Dove** (M) *Geopelia striata*

2 Sepilok 11.3, 1 Kota Kinabalu 23.3 and 10 Kota Belud 2.4 and also seen en route between sites 26.3, 28.3 and 1.4.

81 **Nicobar Pigeon** *Caloenas nicobarica nicobarica* (NT)

1 Sipadan 20.3 and 1 Si Amil 22.3.

At Sipadan, one flying by behind the toilet block. One flushed at Si Amil along the trail (to the W of the military camp) leading up the mountain.

82 **Little Green-Pigeon** (M) *Treron olax*

4 Kinabatangan 13.3.

83 **Pink-necked Pigeon** (M) *Treron vernans*

10 Sepilok 12.3, 2 Kinabatangan 13.3 and 5 there 14.3, 2 Mataking 21.3, 10 Paya Maga 29.3 and 3 there 30.3, 5 Ravenscourt 31.3, 1 Papar Rice fields 1.4, 6 Kota Belud 2.4.

84 **Black-naped Fruit-Dove** *Ptilinopus melanospilus banguyensis*

5 Sipadan 20.3.

Excellent scope views of one beautiful male and a few females behind the toilet block.

85 **Green Imperial-Pigeon** *Ducula aenea aenea*

3 Sepilok 11.3 and 15 there 12.3, up to 30 Kinabatangan 12.3-14.3, up to 10/3 Danum Valley BRL 15.3-17.3, 1/4 Danum Valley DVFC 18.3 and 1/4 there 19.3 and also seen en route between sites 22.3.

86 **Gray Imperial-Pigeon** *Ducula pickeringii pickeringii* (VU)

10 Sipadan 20.3, 1/2 Si Amil 22.3.

Good scope views in toilet block area at Sipadan.

87 **Mountain Imperial-Pigeon** *Ducula badia badia*

1 Mount Kinabalu 26.3, 2/3 Rafflesia Forest Reserve 28.3 and 15 there 29.3, 10 Paya Maga 30.3, 5 Ravenscourt 31.3.

88 **Pied Imperial-Pigeon** *Ducula bicolor bicolor*

- A brief observation of 3 birds circling over the island.
- 89 **Long-tailed Parakeet** *Psittacula longicauda longicauda* (NT)  
20 Sepilok 12.3, 5 Kinabatangan 12.3 and 15 there 14.3.
- 90 **Blue-crowned Hanging-Parrot** (M) *Loriculus galgulus*  
5 Sepilok 11.3 and 5 there 12.3, 20 Kinabatangan 13.3 and 5 there 14.3, up to 5 Danum Valley BRL 15.3-17.3, 1 Danum Valley DVFC 19.3, 1 Ravenscourt 31.3, 3 Merarap Hot Springs Lodge 1.4.
- 91 **Large Hawk-Cuckoo** *Hierococcyx sparverioides*  
*sparverioides*: 1 Danum Valley BRL 17.3.  
*bocki*: Up to 1/3 Mount Kinabalu 23.3-26.3, 3 heard Rafflesia Forest Reserve 28.3 and 2 heard there 29.3, 2 heard Paya Maga 30.3, 1/3 Ravenscourt 31.3, 1 heard Merarap Hot Springs Lodge 1.4.
- 92 **Moustached Hawk-Cuckoo** (M) *Hierococcyx vagans*  
1 heard Danum Valley BRL 15.3 and 3 heard there 16.3.
- 93 **Indian Cuckoo** *Cuculus micropterus concretus*  
3 Kinabatangan 13.3 and 2 heard there 14.3, 3 heard Danum Valley BRL 16.3 and 3 heard there 17.3, 4 heard Danum Valley DVFC 18.3 and 3 heard there 19.3, 1 Matakong 21.3, 2 heard Paya Maga 30.3, 1 heard Merarap Hot Springs Lodge 1.4.
- 94 **Sunda Cuckoo** (M) *Cuculus lepidus*  
1 heard Mount Kinabalu 26.3.  
Heard once along Kiau View trail.
- 95 **Banded Bay Cuckoo** *Cacomantis sonneratii schlegeli*  
Up to 3 heard Kinabatangan 12.3-14.3, 1 Danum Valley DVFC 19.3, 2 heard Ravenscourt 31.3.
- 96 **Plaintive Cuckoo** *Cacomantis merulinus threnodes*  
2 heard Kinabatangan 13.3 and 1/4 there 14.3, 3 heard Gomantong Caves 15.3 and 2 heard there 16.3, 3/4 Danum Valley BRL 17.3, 4 heard Danum Valley DVFC 18.3 and 1 heard there 19.3, 1 Sipadan 20.3, 1 heard Poring Hot Springs 26.3 and 1 heard there 27.3, 1 Rafflesia Forest Reserve 29.3.
- 97 **Violet Cuckoo** *Chrysococcyx xanthorhynchus xanthorhynchus*  
1 Sepilok 12.3, 1 Kinabatangan 12.3 and 1 there 13.3.
- 98 **Asian Drongo-Cuckoo** *Surniculus lugubris brachyurus*  
Up to 3/5 Kinabatangan 12.3-14.3, 1 Poring Hot Springs 28.3, 1 heard Paya Maga 30.3, 1/1 Merarap Hot Springs Lodge 1.4.
- 99 **Asian Koel** *Eudynamis scolopaceus malayanus*  
1 Sipadan 20.3.
- 100 **Black-bellied Malkoha** *Phaenicophaeus diardi borneensis* (NT)  
1 Danum Valley BRL 16.3, 3 Paya Maga 30.3 and 1 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 29.3.  
Bird en route 29.3 seen in Lawas.
- 101 **Chestnut-bellied Malkoha** (M) *Phaenicophaeus sumatranus* (NT)  
1 Sepilok 12.3.
- 102 **Raffles's Malkoha** *Phaenicophaeus chlorophaeus chlorophaeus*  
4 Sepilok 12.3, 1 Kinabatangan 14.3, 1 Gomantong Caves 15.3, 1 Danum Valley BRL 17.3, 2 Danum Valley DVFC 17.3 and 4 there 18.3, 3 Paya Maga 30.3, 1 Merarap Hot Springs Lodge 1.4.
- 103 **Chestnut-breasted Malkoha** *Phaenicophaeus curvirostris microrhinus*  
2 Kinabatangan 12.3 and 2 there 13.3, 1 Danum Valley DVFC 17.3, 5 Poring Hot Springs 27.3 and 1 there 28.3.
- 104 **Bornean Ground-Cuckoo** (M) *Carpococcyx radiatus* (NT)  
2 Kinabatangan 14.3.  
2 males calling and then giving good views on a side canal at Kinabatangan.
- 105 **Greater Coucal** *Centropus sinensis bubutus*  
Common/widespread - seen on 12 days of 23 with first observation Sepilok 11.3.
- 106 **Lesser Coucal** *Centropus bengalensis javanensis*  
2 heard Kinabatangan 13.3, 1 heard Paya Maga 29.3 and 2 there 30.3 and also seen en route between sites

- 107**Oriental Bay-Owl** *Phodilus badius badius*  
1/1 Kinabatangan 13.3.  
Two birds calling along a side tributary to the main river on a night cruise- we went ashore and after a few minutes we had one bird right above our heads looking down at us.
- 108**Sunda Scops-Owl** *Otus lempiji lempiji*  
1 Poring Hot Springs 27.3.
- 109**Buffy Fish-Owl** *Ketupa ketupu ketupu*  
1 Kinabatangan 12.3 and 2 there 13.3, 2 Danum Valley BRL 16.3 and 1 there 17.3, up to 1 Danum Valley DVFC 17.3-19.3.
- 110**Brown Wood-Owl** *Strix leptogrammica vaga*  
Up to 2 Kinabatangan 12.3-14.3, 1 heard Danum Valley DVFC 17.3.
- 111**Brown Hawk-Owl** *Ninox scutulata borneensis*  
1 Matakang 21.3.
- 112**Large-tailed Nightjar** *Caprimulgus macrurus salvadorii*  
1 Sepilok 11.3.
- 113**Silver-rumped Needletail** (M) *Rhaphidura leucopygialis*  
8 Danum Valley BRL 16.3, 30 Danum Valley DVFC 18.3 and 10 there 19.3, 10 Poring Hot Springs 27.3 and 5 there 28.3, 5 Paya Maga 29.3 and 2 there 30.3, 1 Ravenscourt 31.3 and also seen en route between sites 12.3 and 17.3.
- 114**Brown-backed Needletail** *Hirundapus giganteus giganteus*  
20 Sepilok 11.3 and 1 Kinabatangan 14.3.
- 115**Glossy Swiftlet** *Collocalia esculenta cyanoptila*  
Common/widespread - seen on 20 days of 23 with first observation Sepilok 11.3.  
Common below 1000 masl.
- 116**Cave Swiftlet** *Collocalia linchi dodgei*  
Up to 30 Mount Kinabalu 23.3-26.3, 50 Rafflesia Forest Reserve 28.3 and 50 there 29.3.  
At Rafflesia, breeding at the Gunung Alab resort.
- 117**Mossy-nest Swiftlet** *Aerodramus salangana natunae*  
2 Gomantong Caves 15.3.  
A few seen flying in to or at the nests.
- 118**Black-nest Swiftlet** *Aerodramus maximus lowi*  
2 Gomantong Caves 15.3.  
A few seen flying in to or at the nests.
- 119**Edible-nest Swiftlet** *Aerodramus fuciphagus vestitus*  
Common/widespread - seen on 5 days of 23 with first observation Sepilok 11.3.
- 120**House Swift** *Apus nipalensis subfurcatus*  
Only seen en route between sites 26.3 and 29.3.  
Seen both days in the small town of Sipitang along the coast.
- 121**Gray-rumped Treeswift** *Hemiprocne longipennis harterti*  
3 Sepilok 12.3, 2 Danum Valley BRL 16.3 and 10 there 17.3, up to 20 Danum Valley DVFC 17.3-19.3, 3 Mount Kinabalu 23.3, 4 Poring Hot Springs 27.3, 2 Paya Maga 30.3, 2 Merarap Hot Springs Lodge 1.4.
- 122**Whiskered Treeswift** *Hemiprocne comata comata*  
1 Danum Valley BRL 15.3 and 1 there 16.3, 1 Danum Valley DVFC 18.3 and 2 there 19.3.
- 123**Red-naped Trogon** *Harpactes kasumba impavidus* (NT)  
1 heard Kinabatangan 14.3, 2 Danum Valley BRL 17.3 and 1 heard Danum Valley DVFC 18.3.
- 124**Diard's Trogon** *Harpactes diardii diardii* (NT)  
1 Danum Valley BRL 17.3, 1 Danum Valley DVFC 17.3 and 2 heard there 19.3.
- 125**Whitehead's Trogon** (M) *Harpactes whiteheadi* (NT)  
1 Mount Kinabalu 26.3.  
One female in between the summit road and the Silau-Silau trail.
- 126**Scarlet-rumped Trogon** (M) *Harpactes duvaucelii* (NT)  
2 Kinabatangan 14.3, 1 Danum Valley BRL 16.3 and 1 there 17.3, 1 Danum Valley DVFC 19.3, 1 Poring

- 127**Orange-breasted Trogon** *Harpactes oreskios dultensis*  
2 heard Ravenscourt 31.3.
- 128**Common Kingfisher** *Alcedo atthis bengalensis*  
1 Kota Belud 2.4.
- 129**Blue-eared Kingfisher** *Alcedo meninting verreauxii*  
2 Kinabatangan 13.3 and 3 there 14.3, 2 Poring Hot Springs 27.3, 1 Ravenscourt 31.3.
- 130**Rufous-backed Kingfisher** (M) *Ceyx rufidorsa*  
2 Kinabatangan 13.3 and 2 there 14.3, 1 Poring Hot Springs 27.3.
- 131**Banded Kingfisher** *Lacedo pulchella melanops*  
2 Merarap Hot Springs Lodge 1.4.  
A pair perched in a roadside forest patch offering excellent and extended scope views.
- 132**Stork-billed Kingfisher** *Pelargopsis capensis inominata*  
1 Sepilok 12.3, up to 5 Kinabatangan 13.3-15.3, 1 Danum Valley BRL 16.3, 2 Danum Valley DVFC 17.3.
- 133**Ruddy Kingfisher** *Halcyon coromanda minor*  
1 heard Kinabatangan 13.3 and 1 heard there 14.3.
- 134**Black-capped Kingfisher** (M) *Halcyon pileata*  
1 Kinabatangan 14.3.
- 135**Collared Kingfisher** *Todiramphus chloris laubmannianus*  
2 Kinabatangan 13.3, 1 Danum Valley BRL 16.3, 5 Sipadan 20.3, 10 Mataking 21.3, 10 Si Amil 22.3 and 5 Kota Belud 2.4 and also seen en route between sites 12.3, 15.3, 19.3, 28.3 -1.4 and 28.3.
- 136**Rufous-collared Kingfisher** *Actenoides concretus borneanus* (NT)  
1 Danum Valley DVFC 18.3.  
A male sitting motionless for minutes along the Waterfall trail was well studied.
- 137**Red-bearded Bee-eater** (M) *Nyctyornis amictus*  
1 Sepilok 12.3, 2 Danum Valley BRL 17.3 and 4 Danum Valley DVFC 19.3.
- 138**Blue-throated Bee-eater** *Merops viridis viridis*  
3 Sepilok 11.3 and 10 there 12.3, 4 Kinabatangan 13.3 and 6 there 14.3, 2 Danum Valley BRL 16.3 and 10 there 17.3, 10 Danum Valley DVFC 17.3 and also seen en route between sites 15.3 and 29.3.
- 139**Dollarbird** *Eurystomus orientalis deignani*  
5 Sepilok 11.3, 10 Kinabatangan 14.3 and 5 there 15.3, 3 Danum Valley DVFC 18.3 and 5 there 19.3, 5 Danum Valley BRL 19.3, 1 Semporna 22.3, 2 Ravenscourt 31.3, 2 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 12.3 and 17.3.
- 140**Oriental Pied-Hornbill** *Anthracoceros albirostris convexus*  
3 Sepilok 12.3, up to 10 Kinabatangan 12.3-15.3, 2 Danum Valley DVFC 17.3 and 2 there 18.3.
- 141**Black Hornbill** (M) *Anthracoceros malayanus* (NT)  
5 Sepilok 12.3, up to 10 Kinabatangan 12.3-15.3, 1 Danum Valley BRL 16.3 and 2 there 17.3.
- 142**Rhinoceros Hornbill** *Buceros rhinoceros borneoensis* (NT)  
2 Kinabatangan 13.3 and 2 there 14.3, 4 Danum Valley BRL 16.3, 3 Danum Valley DVFC 19.3, 4 heard Paya Maga 30.3, 2 Merarap Hot Springs Lodge 1.4.
- 143**Helmeted Hornbill** (M) *Buceros vigil*  
1 heard Danum Valley BRL 16.3, 3/2 Danum Valley DVFC 18.3 and 3 heard there 19.3, 2/3 Paya Maga 30.3.
- 144**Bushy-crested Hornbill** (M) *Anorrhinus galeritus*  
1 heard Kinabatangan 13.3 and 13 there 14.3, 10 Gomantong Caves 15.3, 10 Danum Valley BRL 17.3, 7 Danum Valley DVFC 17.3 and 5 there 18.3, 5 heard Paya Maga 30.3, 1 heard Ravenscourt 31.3, 2 Merarap Hot Springs Lodge 1.4.
- 145**White-crowned Hornbill** (M) *Aceros comatus* (NT)  
2 Kinabatangan 13.3 and 1 heard there 14.3.



- 146 **Wrinkled Hornbill** (M) *Aceros corrugatus* (NT)  
2/1 Kinabatangan 14.3, 4 heard Danum Valley DVFC 19.3.
- 147 **Wreathed Hornbill** (M) *Aceros undulatus*  
2 Kinabatangan 14.3, 2 heard Danum Valley DVFC 19.3, 4 Mount Kinabalu 25.3 and 2 heard there 26.3, 11 Paya Maga 29.3 and 2 there 30.3.
- 148 **Brown Barbet** *Calorhamphus fuliginosus tertius*  
4 Kinabatangan 13.3 and 5 there 14.3, 2 Danum Valley BRL 16.3, 5 Rafflesia Forest Reserve 28.3 and 3 there 29.3, 2 Paya Maga 30.3, 5 Merarap Hot Springs Lodge 1.4.
- 149 **Gold-whiskered Barbet** *Megalaima chrysopogon chrysopsis*  
2 heard Sepilok 11.3 and 2 heard there 12.3, 3 heard Poring Hot Springs 27.3 and 1 heard there 28.3, 2 heard Rafflesia Forest Reserve 29.3, 2/5 Paya Maga 30.3.
- 150 **Red-throated Barbet** *Megalaima mystacophanos mystacophanos* (NT)  
1 heard Kinabatangan 14.3 and 1 heard Paya Maga 30.3.
- 151 **Mountain Barbet** (M) *Megalaima monticola*  
1 heard Mount Kinabalu 24.3 and 1 heard there 26.3, 1/2 Poring Hot Springs 27.3, 3 Rafflesia Forest Reserve 28.3 and 5 there 29.3, 5 heard Paya Maga 30.3, 5 heard Ravenscourt 31.3.
- 152 **Yellow-crowned Barbet** *Megalaima henricii brachyrhyncha* (NT)  
2 heard Danum Valley BRL 16.3, up to 3 heard Danum Valley DVFC 17.3-19.3.
- 153 **Golden-naped Barbet** (M) *Megalaima pulcherrima*  
Up to 3/20 Mount Kinabalu 23.3-26.3, 1 heard Rafflesia Forest Reserve 28.3, 5 heard Ravenscourt 31.3.
- 154 **Blue-eared Barbet** *Megalaima australis duvaucelii*  
2 heard Sepilok 11.3 and 2 heard there 12.3, up to 3/2 Kinabatangan 12.3-14.3, up to 3/5 Danum Valley BRL 15.3-17.3, 2 heard Danum Valley DVFC 18.3 and 3 heard there 19.3, up to 1/5 Poring Hot Springs 26.3-28.3, 1/1 Merarap Hot Springs Lodge 1.4, 1 heard Paya Maga 30.3 and 1 heard there 2.4.
- 155 **Bornean Barbet** *Megalaima eximia eximia*  
2 heard Poring Hot Springs 27.3, 2/4 Paya Maga 30.3, 1/3 Ravenscourt 31.3.
- 156 **Speckled Piculet** *Picumnus innominatus malayorum*  
1 Poring Hot Springs 27.3.
- 157 **Rufous Woodpecker** *Celeus brachyurus badius*  
2 Danum Valley BRL 16.3 and 1 heard Danum Valley DVFC 18.3.
- 158 **White-bellied Woodpecker** *Dryocopus javensis javensis*  
4 Sepilok 12.3 and 1 Kinabatangan 14.3 and also seen en route between sites 17.3.
- 159 **Banded Woodpecker** *Picus miniaceus malaccensis*  
1 Poring Hot Springs 28.3.
- 160 **Crimson-winged Woodpecker** *Picus puniceus observandus*  
1 Sepilok 11.3, 1 Danum Valley DVFC 18.3, 1 Rafflesia Forest Reserve 28.3 and 1 Merarap Hot Springs Lodge 1.4.
- 161 **Olive-backed Woodpecker** *Dinopium rafflesii dilitense* (NT)  
1 Poring Hot Springs 27.3.  
One perched male gave prolonged views at the 3200 marker on the Langanan Waterfall trail.
- 162 **Common Flameback** *Dinopium javanense javanense*  
1 heard Danum Valley BRL 16.3 and 1 heard Danum Valley DVFC 18.3.
- 163 **Maroon Woodpecker** (M) *Blythipicus rubiginosus*  
2 Kinabatangan 13.3 and 2 there 14.3, 1 Danum Valley BRL 16.3, 3 Mount Kinabalu 23.3, 3 Poring Hot Springs 27.3.
- 164 **Orange-backed Woodpecker** *Reinwardtipicus validus xanthopygius*  
2 Kinabatangan 14.3, 1 Danum Valley BRL 16.3 and 1 Danum Valley DVFC 18.3.

1 Sepilok 12.3, 1 Danum Valley BRL 16.3, 3 Danum Valley DVFC 18.3, 1 Poring Hot Springs 27.3 and 1 there 28.3.

**166 Buff-necked Woodpecker** *Meiglyptes tukki tukki* (NT)

1 Gomantong Caves 15.3, 1 Danum Valley BRL 17.3, 1 Danum Valley DVFC 18.3 and 1 Poring Hot Springs 27.3.

**167 Green Broadbill** *Calyptomena viridis viridis* (NT)

1 Danum Valley DVFC 18.3, 1 heard Paya Maga 30.3 and 1 heard Merarap Hot Springs Lodge 1.4.

**168 Hose's Broadbill** (M) *Calyptomena hosii* (NT)

1 Poring Hot Springs 27.3.

One female seen well but briefly at the 2500 marker on the Langanan Waterfall trail.

**169 Whitehead's Broadbill** (M) *Calyptomena whiteheadi*

Up to 1/1 Mount Kinabalu 24.3-26.3, 2 Ravenscourt 31.3.

At Mt Kinabalu brief views just below the start of the Summit trail. Good views of a pair at the forest edge at Ravenscourt.

**170 Black-and-red Broadbill** *Cymbirhynchus macrorhynchus macrorhynchus*

1 Sepilok 11.3, up to 5 Kinabatangan 12.3-14.3, 1 heard Danum Valley DVFC 17.3.

**171 Long-tailed Broadbill** *Psarisomus dalhousiae borneensis*

2 Rafflesia Forest Reserve 28.3.

A nest-building pair along the road.

**172 Banded Broadbill** *Eurylaimus javanicus brookei*

1 heard Danum Valley BRL 15.3 and 2 there 17.3, 2 heard Paya Maga 30.3.

**173 Black-and-yellow Broadbill** (M) *Eurylaimus ochromalus* (NT)

2 heard Sepilok 12.3, up to 2/5 Kinabatangan 12.3-15.3, 3/3 Danum Valley BRL 16.3 and 5 heard there 17.3, 2/5 Danum Valley DVFC 18.3 and 1 heard there 19.3, 3 heard Poring Hot Springs 27.3 and 2 heard there 28.3, 1 heard Paya Maga 29.3 and 2 heard there 30.3, 2/1 Merarap Hot Springs Lodge 1.4.

**174 Dusky Broadbill** *Corydon sumatranus*

*brunnescens*: 3 Ravenscourt 31.3.

*orientalis*: 10 Danum Valley BRL 17.3.

**175 Giant Pitta** *Pitta caerulea hosei* (NT)

1 heard Kinabatangan 12.3 and 1 there 13.3.

A calling male was showing briefly along the river.

**176 Banded Pitta** *Pitta guajana schwaneri*

1/1 Danum Valley DVFC 18.3, 1 heard Paya Maga 30.3.

**177 Blue-headed Pitta** (M) *Pitta baudii* (VU)

1 heard Kinabatangan 14.3, 1 heard Danum Valley DVFC 17.3 and 2/2 there 18.3.

Male and female seen - a beautiful bird!

**178 Blue-banded Pitta** (M) *Pitta arquata*

1 heard Danum Valley BRL 16.3, 1 Poring Hot Springs 27.3 and 1 there 28.3.

The bird at Danum only seen flying around us. At Poring Langanan Waterfall trail, a bird flushed from its nest (?) just before the 2nd stream crossing on the first day and then seen in the same area the following morning.

**179 Black-headed Pitta** (M) *Pitta ussheri* (NT)

1 Kinabatangan 13.3, 1 heard Danum Valley DVFC 18.3 and 1 heard there 19.3.

A calling bird heard along the river - once ashore a 3 meter long snake initially thought to be a king cobra had to be scared away but the pitta remained in the area despite our loud efforts to keep the area snake free.

**180 Hooded Pitta** *Pitta sordida mulleri*

1 heard Kinabatangan 13.3, 1/1 Gomantong Caves 15.3.

**181 Blue-winged Pitta** (M) *Pitta moluccensis*

1 heard Kinabatangan 13.3.

A brief view of a migrant flying across the river.

**182 Golden-bellied Gerygone** *Gerygone sulphurea sulphurea*

5 Sipadan 20.3, 10 Matakang 21.3, 10 Si Amil 22.3 and 2 heard Paya Maga 30.3.

**183 Large Woodshrike** *Tephrodornis gularis frenatus*

1 Danum Valley BRL 17.3, 1 Danum Valley DVFC 18.3 and 1 there 19.3, 2 Merarap Hot Springs Lodge 1.4.

2 Danum Valley BRL 17.3, 2 Danum Valley DVFC 18.3, 1 heard Paya Maga 30.3 and 1 heard Merarap Hot Springs Lodge 1.4.

185 **Maroon-breasted Philentoma** *Philentoma velata caesia* (NT)

1 heard Danum Valley DVFC 19.3.

186 **White-breasted Woodswallow** *Artamus leucorynchus leucorynchus*

Common/widespread - seen on 11 days of 23 with first observation Sepilok 11.3.

187 **Bornean Bristlehead** (M) *Pityriasis gymnocephala* (NT)

4 Danum Valley DVFC 18.3.

After having no luck at Sepilok and at BRL, we heard and then had close views of a family flock along the access road to DVFC. What a relief!

188 **Common Iora** *Aegithina tiphia aequanimis*

5 Kinabatangan 13.3 and 5 there 14.3, 1 Kota Belud 2.4.

189 **Green Iora** *Aegithina viridissima viridissima* (NT)

10 Sepilok 12.3, 3 Kinabatangan 13.3, 10 heard Danum Valley BRL 16.3 and 2 there 17.3, 2 Rafflesia Forest Reserve 28.3, 2 Merarap Hot Springs Lodge 1.4.

190 **Sunda Cuckoo-shrike** *Coracina larvata normani*

Up to 3 Mount Kinabalu 23.3-26.3, 5 Poring Hot Springs 27.3, 5 Rafflesia Forest Reserve 28.3 and 4 there 29.3.

191 **Bar-bellied Cuckoo-shrike** *Coracina striata sumatrensis*

2 Paya Maga 30.3.

192 **Lesser Cuckoo-shrike** *Coracina fimbriata schierbrandi*

1 Danum Valley DVFC 18.3 and 2 Paya Maga 30.3.

193 **Pied Triller** *Lalage nigra chilensis*

6 Kota Belud 2.4.

194 **Fiery Minivet** *Pericrocotus igneus igneus* (NT)

5 Sepilok 11.3 and 5 there 12.3, 10 Kinabatangan 12.3 and 1 there 14.3, 1 Danum Valley BRL 16.3 and 2 there 17.3.

195 **Scarlet Minivet** *Pericrocotus flammeus insulanus*

1 Kinabatangan 13.3 and 1 there 14.3, 5 Paya Maga 30.3.

196 **Gray-chinned Minivet** *Pericrocotus solaris cinereigula*

Up to 10 Mount Kinabalu 24.3-26.3, 5 Rafflesia Forest Reserve 28.3 and 5 there 29.3, 2 Paya Maga 30.3.

197 **Bar-winged Flycatcher-shrike** *Hemipus picatus intermedius*

1 Rafflesia Forest Reserve 29.3 and 1 Paya Maga 30.3.

198 **Black-winged Flycatcher-shrike** (M) *Hemipus hirundinaceus*

1 Sepilok 12.3, 2 Kinabatangan 14.3, 2 Gomantong Caves 15.3, 5 Danum Valley BRL 16.3, 2 Danum Valley DVFC 18.3, 2 Poring Hot Springs 28.3 and 1 Merarap Hot Springs Lodge 1.4.

199 **White-vented Whistler** (M) *Pachycephala homeyeri*

20 Sipadan 20.3, 1 Mataking 21.3 and 3 Si Amil 22.3.

200 **Bornean Whistler** *Pachycephala hypoxantha hypoxantha*

Up to 5 Mount Kinabalu 23.3-26.3, 3 Poring Hot Springs 27.3, 3 Rafflesia Forest Reserve 28.3 and 3 there 29.3.

201 **Tiger Shrike** (M) *Lanius tigrinus*

1 Danum Valley DVFC 19.3.

One female briefly along the beginning of the Waterfall trail.

202 **Brown Shrike** *Lanius cristatus confusus*

1 Kota Belud 2.4.

203 **Long-tailed Shrike** *Lanius schach bentet*

Only seen en route between sites 12.3 and 15.3.

- 204**Blyth's Shrike-babbler** *Pteruthius aeralatus robinsoni*  
2 Mount Kinabalu 25.3 and 3 there 26.3.
- 205**Dark-throated Oriole** *Oriolus xanthonotus consobrinus* (NT)  
Up to 3/2 Danum Valley BRL 15.3-17.3, 1 heard Poring Hot Springs 27.3, 3/3 Paya Maga 30.3.
- 206**Black Oriole** (M) *Oriolus hosii* (NT)  
3/3 Paya Maga 30.3.  
3 birds seen at 850 masl along the Paya Maga trail and then 3 more birds heard higher up on the trail. The first birding group to see this species which was discovered in this area during surveys in 2009.
- 207**Black-and-crimson Oriole** *Oriolus cruentus vulneratus*  
1/2 Ravenscourt 31.3.
- 208**Ashy Drongo** *Dicrurus leucophaeus stigmatops*  
Up to 2 Mount Kinabalu 23.3-26.3, 3 Poring Hot Springs 27.3 and 5 there 28.3, 5 Rafflesia Forest Reserve 28.3 and 10 there 29.3, 5 Paya Maga 30.3, 5 Ravenscourt 31.3, 1 Merarap Hot Springs Lodge 1.4.
- 209**Bronzed Drongo** *Dicrurus aeneus malayensis*  
1 Gomantong Caves 15.3, 1 Danum Valley DVFC 17.3 and 1 there 18.3.
- 210**Hair-crested Drongo** *Dicrurus hottentottus borneensis*  
1 Mount Kinabalu 23.3 and 1 there 24.3, 1 Poring Hot Springs 27.3, 1 Paya Maga 30.3, 3 Ravenscourt 31.3 and also seen en route between sites 28.3.
- 211**Greater Racket-tailed Drongo** *Dicrurus paradiseus brachyphorus*  
5 Kinabatangan 12.3, 2 Danum Valley DVFC 18.3, 1 Poring Hot Springs 27.3, 2 Rafflesia Forest Reserve 28.3, 4 Paya Maga 30.3 and 1 Merarap Hot Springs Lodge 1.4.
- 212**White-throated Fantail** *Rhipidura albicollis kinabalu*  
Up to 10 Mount Kinabalu 23.3-25.3, 2 Rafflesia Forest Reserve 28.3 and 1/2 there 29.3, 1 heard Paya Maga 30.3, 1 heard Ravenscourt 31.3.
- 213**Pied Fantail** *Rhipidura javanica longicauda*  
1 Sepilok 11.3, up to 5 Kinabatangan 12.3-15.3, 2 Gomantong Caves 15.3, up to 4 Danum Valley BRL 15.3-17.3, 3 Danum Valley DVFC 18.3 and 5 there 19.3, 20 Mataking 21.3, 10 Mount Kinabalu 26.3, 1 Paya Maga 29.3, 1 Ravenscourt 31.3, 2 Merarap Hot Springs Lodge 1.4, 1 Kota Belud 2.4.
- 214**Spotted Fantail** (M) *Rhipidura perlata*  
1 Danum Valley BRL 16.3 and 2 Danum Valley DVFC 18.3.
- 215**Black-naped Monarch** *Hypothymis azurea prophata*  
1 Sepilok 11.3, 1 Gomantong Caves 15.3, 1 Danum Valley BRL 16.3 and 1 Danum Valley DVFC 19.3.
- 216**Asian Paradise-Flycatcher** *Terpsiphone paradisi borneensis*  
1 Danum Valley BRL 15.3.  
A white phase male flying across the road was our only sighting.
- 217**Crested Jay** *Platylophus galericulatus coronatus* (NT)  
2 Danum Valley DVFC 18.3 and 1 there 19.3, 2 heard Poring Hot Springs 27.3, 2/2 Paya Maga 30.3, 1 heard Ravenscourt 31.3.
- 218**Black Magpie** *Platysmurus leucopterus aterrimus* (NT)  
2 Kinabatangan 14.3.
- 219**Short-tailed Magpie** *Cissa thalassina jeffreyi* (CR)  
Up to 6 Mount Kinabalu 23.3-26.3.
- 220**Bornean Treepie** (M) *Dendrocitta cinerascens*  
Up to 10 Mount Kinabalu 23.3-26.3, 5 Rafflesia Forest Reserve 28.3 and 5 there 29.3, 5 Paya Maga 30.3, 3 Ravenscourt 31.3.
- 221**Slender-billed Crow** *Corvus enca compilator*  
5 Sepilok 11.3 and 5 there 12.3, 5 Kinabatangan 13.3 and 20 there 14.3, 7 Danum Valley BRL 17.3, 5 Danum Valley DVFC 18.3 and 3 there 19.3, 2 Mount Kinabalu 23.3, 1 Paya Maga 29.3, 3 Ravenscourt 31.3 and also seen en route between sites 15.3.

Common/widespread - seen on 17 days of 23 with first observation Sepilok 11.3.

223**Pacific Swallow** *Hirundo tahitica javanica*

Common/widespread - seen on 21 days of 23 with first observation Sepilok 11.3.

224**Striated Swallow** *Cecropis striolata striolata*

1 Kota Belud 2.4.

225**Gray-headed Canary-Flycatcher** *Culicicapa ceylonensis ceylonensis*

2 Danum Valley DVFC 18.3 and 2 Poring Hot Springs 27.3.

226**Velvet-fronted Nuthatch** *Sitta frontalis corralipes*

2 Sepilok 12.3, 2 Danum Valley DVFC 18.3 and 1 Merarap Hot Springs Lodge 1.4.

227**Black-and-white Bulbul** (M) *Pycnonotus melanoleucus*

1 Merarap Hot Springs Lodge 1.4.

228**Puff-backed Bulbul** (M) *Pycnonotus eutilotus* (NT)

2 Poring Hot Springs 28.3.

229**Black-headed Bulbul** *Pycnonotus atriceps atriceps*

7 Kinabatangan 13.3 and 10 there 14.3, 3 Danum Valley BRL 15.3 and 2 there 17.3, 1 Mount Kinabalu 23.3, 5 Poring Hot Springs 27.3 and 2 there 28.3, 4 Paya Maga 30.3, 8 Merarap Hot Springs Lodge 1.4.

230**Straw-headed Bulbul** (M) *Pycnonotus zeylanicus* (VU)

1/1 Paya Maga 30.3.

231**Bornean Bulbul** (M) *Pycnonotus montis*

2 Rafflesia Forest Reserve 28.3, 5 Paya Maga 30.3 and 15 Ravenscourt 31.3.

232**Scaly-breasted Bulbul** *Pycnonotus squamatus borneensis* (NT)

3 Poring Hot Springs 28.3 and 2 Paya Maga 30.3.

233**Gray-bellied Bulbul** *Pycnonotus cyaniventris paroticalis* (NT)

1 Merarap Hot Springs Lodge 1.4.

234**Flavescent Bulbul** *Pycnonotus flavescens leucops*

1 Mount Kinabalu 25.3 and 2 Ravenscourt 31.3.

235**Yellow-vented Bulbul** *Pycnonotus goiavier gourdini*

Common/widespread - seen on 19 days of 23 with first observation Sepilok 11.3.

236**Olive-winged Bulbul** *Pycnonotus plumosus hutzi*

1 Danum Valley DVFC 17.3 and 2 there 19.3.

237**Cream-vented Bulbul** *Pycnonotus simplex simplex*

5 Sepilok 11.3 and 20 there 12.3, 2 Gomantong Caves 15.3, 5 Poring Hot Springs 27.3 and 2 there 28.3.

238**Red-eyed Bulbul** *Pycnonotus brunneus brunneus*

5 Sepilok 12.3, 10 Kinabatangan 13.3 and 20 there 14.3, 2 Danum Valley BRL 16.3, 2 Danum Valley DVFC 18.3, 5 Poring Hot Springs 27.3, 2 Paya Maga 30.3.

239**Spectacled Bulbul** *Pycnonotus erythrophthalmos salvadorii*

Up to 10 Danum Valley BRL 15.3-17.3, 10 Danum Valley DVFC 18.3 and 10 there 19.3, 2 heard Paya Maga 30.3, 3 Merarap Hot Springs Lodge 1.4.

240**Hairy-backed Bulbul** *Tricholestes criniger viridis*

2 Danum Valley BRL 16.3 and 2 there 17.3, 2 Danum Valley DVFC 18.3, 2 Merarap Hot Springs Lodge 1.4.

241**Finsch's Bulbul** (M) *Alophoixus finschii* (NT)

2 Danum Valley DVFC 19.3.

242**Ochraceous Bulbul** *Alophoixus ochraceus*

*fowleri*: 2 Poring Hot Springs 27.3, 2 Rafflesia Forest Reserve 28.3 and 2 there 29.3.  
*ruficrissus*: Up to 3 Mount Kinabalu 23.3-26.3.

- 243**Gray-cheeked Bulbul** *Alophoixus bres gutturalis*  
2 Danum Valley BRL 16.3 and 1 there 17.3, up to 5 Danum Valley DVFC 17.3-19.3, 2 Poring Hot Springs 27.3 and 3 there 28.3.
- 244**Yellow-bellied Bulbul** *Alophoixus phaeocephalus connectens*  
2 Kinabatangan 14.3, 4 Danum Valley DVFC 18.3 and 2 Poring Hot Springs 27.3.
- 245**Buff-vented Bulbul** (M) *Iole olivacea* (NT)  
1 Kinabatangan 14.3, 2 Gomantong Caves 15.3, 1 Danum Valley BRL 15.3 and 2 there 17.3, 2 Danum Valley DVFC 19.3.
- 246**Ashy Bulbul** *Hemixos flavala connectens*  
3 Rafflesia Forest Reserve 28.3 and 10 Paya Maga 30.3.
- 247**Streaked Bulbul** (M) *Ixos malaccensis* (NT)  
2 Sepilok 12.3, 2 Danum Valley BRL 16.3, 2 Poring Hot Springs 27.3 and 2 Paya Maga 30.3.
- 248**Bornean Stubtail** (M) *Urosphena whiteheadi* Endemic  
Up to 2/1 Mount Kinabalu 23.3-26.3.
- 249**Yellow-bellied Warbler** *Abroscopus superciliaris schwaneri*  
3 Poring Hot Springs 27.3 and 1 Ravenscourt 31.3.
- 250**Mountain Tailorbird** *Phyllergates cucullatus cinereicollis*  
1 Mount Kinabalu 24.3.
- 251**Sunda Bush-Warbler** *Cettia vulcania oreophila*  
Up to 5/15 Mount Kinabalu 24.3-26.3.
- [**Yellow-browed Warbler** (M) *Phylloscopus inornatus*]  
1 Mount Kinabalu 24.3.  
Heard calling but not seen well enough to allow 100% certainty.
- 252**Arctic Warbler** *Phylloscopus borealis borealis*  
1 Danum Valley DVFC 17.3.  
Seen on night perch during night drive...!
- 253**Mountain Warbler** *Phylloscopus trivirgatus kinabaluensis*  
Up to 10/20 Mount Kinabalu 23.3-26.3.
- 254**Yellow-breasted Warbler** *Seicercus montis montis*  
Up to 10 Mount Kinabalu 23.3-26.3, 2 Rafflesia Forest Reserve 28.3 and 1 heard there 29.3.
- 255**Oriental Reed-Warbler** (M) *Acrocephalus orientalis*  
6 Kota Belud 2.4.
- 256**Friendly Bush-Warbler** (M) *Bradypterus accentor* Endemic  
1 heard Mount Kinabalu 25.3.  
Only heard at a distance by Joakim and Erik from the Summit trail at 2300 masl.
- 257**Striated Grassbird** *Megalurus palustris palustris*  
1 Rafflesia Forest Reserve 29.3, 5 Papar Rice fields 1.4 and 10 Kota Belud 2.4 and also seen en route between sites 12.3.
- 258**Dark-necked Tailorbird** *Orthotomus atrogularis humphreysi*  
3 Sepilok 12.3, 10 Kinabatangan 14.3, 5 Danum Valley BRL 17.3, 1 Danum Valley DVFC 19.3, 2 Poring Hot Springs 27.3 and 2 there 28.3.
- 259**Rufous-tailed Tailorbird** *Orthotomus sericeus sericeus*  
2 Sepilok 11.3 and 2 there 12.3, up to 10/2 Kinabatangan 12.3-15.3, 5 Poring Hot Springs 27.3 and 3 there 28.3.
- 260**Ashy Tailorbird** *Orthotomus ruficeps borneoensis*  
5 Kinabatangan 14.3, 2 Danum Valley DVFC 18.3, 1 Mount Kinabalu 23.3 and 1 heard there 24.3, 2 Poring Hot Springs 27.3, 2 Paya Maga 30.3, 2/3 Ravenscourt 31.3, 3 Merarap Hot Springs Lodge 1.4.
- 261**Yellow-bellied Prinia** *Prinia flaviventris latrunculus*  
1 Danum Valley BRL 16.3, 2 Danum Valley DVFC 19.3, 5 Poring Hot Springs 27.3, 2 heard Paya Maga

- 262 **Chestnut-crested Yuhina** (M) *Yuhina everetti*  
Up to 50 Mount Kinabalu 23.3-26.3, 20 Poring Hot Springs 27.3 and 5 there 28.3, 30 Rafflesia Forest Reserve 28.3 and 40 there 29.3, 20 Paya Maga 30.3, 30 Ravenscourt 31.3.
- 263 **Pygmy White-eye** (M) *Oculocincta squamifrons* Endemic  
2 Danum Valley BRL 16.3 and 4 Paya Maga 30.3.
- 264 **Mountain Black-eye** *Chlorocharis emiliae emiliae* Endemic  
20 Mount Kinabalu 25.3.  
Seen along the Summit trail (only).
- 265 **Black-capped White-eye** *Zosterops atricapilla atricapilla*  
Up to 20 Mount Kinabalu 23.3-26.3, 2 Poring Hot Springs 27.3, 10 Rafflesia Forest Reserve 28.3 and 2 there 29.3.
- 266 **Brown Fulvetta** *Alcippe brunneicauda eriphaea* (NT)  
1/5 Paya Maga 30.3, 2 heard Ravenscourt 31.3, 1/1 Merarap Hot Springs Lodge 1.4.
- 267 **Black-throated Wren-Babbler** (M) *Turdinus atrigularis* (NT)  
1 Danum Valley BRL 16.3.
- 268 **Horsfield's Babbler** *Malacocincla sepiaria harterti*  
1 Gomantong Caves 15.3, 1 Danum Valley BRL 16.3 and 2 Danum Valley DVFC 19.3.
- 269 **Short-tailed Babbler** *Malacocincla malaccensis poliogenys* (NT)  
2 Danum Valley BRL 16.3 and 1 there 17.3, 1 heard Merarap Hot Springs Lodge 1.4.
- 270 **Striped Wren-Babbler** (M) *Kenopia striata* (NT)  
1/1 Kinabatangan 14.3, 2 heard Danum Valley DVFC 18.3 and 1 there 19.3, 1 Poring Hot Springs 27.3.
- 271 **Temminck's Babbler** *Pellorneum pyrrogenys canicapillus*  
1/1 Mount Kinabalu 24.3 and 1 there 26.3.
- 272 **Black-capped Babbler** *Pellorneum capistratum morrelli*  
1 heard Kinabatangan 13.3, 1 Danum Valley BRL 16.3, 3 heard Paya Maga 30.3 and 1 heard Merarap Hot Springs Lodge 1.4.
- 273 **White-chested Babbler** *Trichastoma rostratum macropterum* (NT)  
2/3 Kinabatangan 13.3 and 1/1 there 14.3, 1 Danum Valley BRL 17.3.
- 274 **Ferruginous Babbler** (M) *Trichastoma bicolor*  
1 Danum Valley BRL 16.3 and 3 there 17.3, 1 Danum Valley DVFC 18.3.
- 275 **Moustached Babbler** *Malacopteron magnirostre cinereocapilla*  
2 Danum Valley DVFC 19.3 and 10 Poring Hot Springs 27.3.
- 276 **Sooty-capped Babbler** *Malacopteron affine phoeniceum* (NT)  
2 Kinabatangan 14.3, 3 Danum Valley BRL 16.3 and 1 there 17.3, 2 Danum Valley DVFC 18.3 and 1 there 19.3.
- 277 **Scaly-crowned Babbler** *Malacopteron cinereum cinereum*  
2 Gomantong Caves 15.3, 10 Danum Valley BRL 16.3, 5 Danum Valley DVFC 17.3 and 10 there 18.3.
- 278 **Rufous-crowned Babbler** *Malacopteron magnum saba* (NT)  
1 Danum Valley DVFC 19.3 and 3 Poring Hot Springs 27.3.
- 279 **Mountain Wren-Babbler** (M) *Napothera crassa* Endemic  
1 Mount Kinabalu 23.3.
- 280 **Bornean Wren-Babbler** (M) *Ptilocichla leucogrammica* (VU)  
1 Danum Valley BRL 16.3 and 1 heard Danum Valley DVFC 18.3.
- 281 **Sunda Laughingthrush** *Garrulax palliatus schistochlamys*  
Up to 10 Mount Kinabalu 23.3-26.3, 5 Rafflesia Forest Reserve 29.3, 10 heard Paya Maga 30.3.

Up to 5 Mount Kinabalu 23.3-25.3.

**283 Chestnut-capped Laughingthrush** *Garrulax mitratus treacheri*

Up to 20 Mount Kinabalu 23.3-26.3, 10 Rafflesia Forest Reserve 28.3 and 20 there 29.3, 10 Paya Maga 30.3, 10 Ravenscourt 31.3.

**284 Rufous-fronted Babbler** *Stachyridopsis rufifrons sarawacensis*

2/5 Danum Valley BRL 16.3 and 2 there 17.3, 4 Danum Valley DVFC 18.3, 3 heard Paya Maga 30.3.

**285 Bold-striped Tit-Babbler** *Macronous bornensis bornensis*

5 heard Kinabatangan 13.3 and 5 heard there 14.3, 2 heard Danum Valley BRL 17.3, 2 Danum Valley DVFC 18.3 and 1 heard there 19.3, 1 heard Poring Hot Springs 27.3 and 1 heard there 28.3, 2 Paya Maga 30.3, 2 Merarap Hot Springs Lodge 1.4.

**286 Fluffy-backed Tit-Babbler** *Macronous ptilosus reclusus* (NT)

2 Danum Valley BRL 17.3, 4/2 Paya Maga 30.3, 1 heard Ravenscourt 31.3.

**287 Gray-throated Babbler** *Stachyris nigriceps borneensis*

Up to 15 Mount Kinabalu 23.3-26.3, 10 Rafflesia Forest Reserve 28.3 and 2 there 29.3, 4 Paya Maga 30.3.

**288 Gray-headed Babbler** (M) *Stachyris poliocephala*

3 Paya Maga 30.3.

**289 Chestnut-rumped Babbler** *Stachyris maculata maculata* (NT)

3 Danum Valley DVFC 17.3 and 2 there 19.3.

**290 Chestnut-winged Babbler** *Stachyris erythroptera bicolor*

2/3 Kinabatangan 13.3 and 2/3 there 14.3, 1 heard Danum Valley BRL 16.3, 2 Danum Valley DVFC 17.3 and 2 there 19.3, 2 Poring Hot Springs 27.3, 2 Merarap Hot Springs Lodge 1.4.

**291 Chestnut-backed Scimitar-Babbler** *Pomatorhinus montanus bornensis*

2 Danum Valley BRL 16.3 and 1 there 17.3, 2 heard Paya Maga 30.3.

**292 Asian Fairy-bluebird** *Irena puella crinigera*

4 Sepilok 12.3, 1 Danum Valley BRL 17.3, 1 Danum Valley DVFC 19.3, 2 Poring Hot Springs 28.3, 6 Paya Maga 30.3, 2 Ravenscourt 31.3 and 2 Merarap Hot Springs Lodge 1.4 and also seen en route between sites 17.3.

**293 Dark-sided Flycatcher** *Muscicapa sibirica sibirica*

Up to 2 Danum Valley BRL 15.3-17.3, 2 Danum Valley DVFC 18.3, 2 Paya Maga 30.3, 1 Ravenscourt 31.3, 3 Merarap Hot Springs Lodge 1.4.

**294 Gray-streaked Flycatcher** (M) *Muscicapa griseisticta*

1 Kinabatangan 15.3.

**295 Asian Brown Flycatcher** (M) *Muscicapa dauurica*

1 Sepilok 12.3, 1 Mount Kinabalu 26.3, 1 Rafflesia Forest Reserve 28.3 and 1 Paya Maga 30.3.

**296 Oriental Magpie-Robin** *Copsychus saularis adamsi*

Common/widespread - seen on 16 days of 23 with first observation Sepilok 11.3.

**297 Rufous-tailed Shama** (M) *Copsychus pyrrropygus*

2 Danum Valley BRL 17.3 and 1 Merarap Hot Springs Lodge 1.4.

**298 White-rumped Shama** *Copsychus malabaricus*

*suavis*: 1/1 Paya Maga 30.3, 1 Ravenscourt 31.3, 1 Merarap Hot Springs Lodge 1.4.

*stricklandii*: 1/10 Kinabatangan 13.3 and 3/5 there 14.3, 3 Gomantong Caves 15.3, up to 5/3 Danum Valley BRL 15.3-17.3, up to 5/5 Danum Valley DVFC 17.3-19.3, 6 Poring Hot Springs 27.3 and 3 there 28.3.

**299 White-tailed Flycatcher** *Cyornis concretus everetti*

1 Danum Valley DVFC 18.3 and 1 Merarap Hot Springs Lodge 1.4.

**300 Long-billed Blue-Flycatcher** *Cyornis caerulatus caerulatus* (VU)

1 Danum Valley BRL 17.3 and 1 Danum Valley DVFC 19.3.



- 3 Kinabatangan 13.3 and 2 there 14.3, 1 Danum Valley DVFC 17.3.
- 302 **Bornean Blue-Flycatcher** (M) *Cyornis superbus*  
2 Danum Valley BRL 16.3 and 2 there 17.3, 1 Danum Valley DVFC 19.3.
- 303 **Gray-chested Jungle-Flycatcher** (M) *Cyornis umbratilis*  
1 Danum Valley DVFC 18.3.
- 304 **Fulvous-chested Jungle-Flycatcher** *Cyornis olivaceus olivaceus*  
2 Sipadan 20.3.
- 305 **Pygmy Blue-Flycatcher** *Muscicapella hodgsoni sondaica*  
2 Mount Kinabalu 26.3.  
A pair between the summit road and Silau Silau trail.
- 306 **Blue-and-white Flycatcher** *Cyanoptila cyanomelana cyanomelana*  
1 Poring Hot Springs 27.3 and 1 there 28.3, 1 Paya Maga 30.3.
- 307 **Indigo Flycatcher** *Eumyias indigo cerviniventris*  
Up to 5 Mount Kinabalu 23.3-26.3.
- 308 **Verditer Flycatcher** *Eumyias thalassinus thalassoides*  
1 Sepilok 11.3 and 2 Danum Valley DVFC 18.3.
- 309 **Eyebrowed Jungle-Flycatcher** (M) *Vauriella gularis* Endemic  
Up to 1 Mount Kinabalu 23.3-26.3.
- 310 **White-browed Shortwing** *Brachypteryx montana erythrogyna*  
Up to 1 Mount Kinabalu 23.3-26.3.
- 311 **Siberian Blue Robin** *Larivora cyane bochaiensis*  
1 Danum Valley BRL 17.3, 1 Danum Valley DVFC 18.3 and 2 Poring Hot Springs 27.3.
- 312 **Bornean Whistling-Thrush** (M) *Myophonus borneensis*  
Up to 5 Mount Kinabalu 23.3-26.3, 1 Ravenscourt 31.3.
- 313 **White-crowned Forktail** *Enicurus leschenaulti*  
*frontalis*: 1 heard Danum Valley BRL 15.3, 2 heard Danum Valley DVFC 17.3 and 1 Poring Hot Springs 27.3.  
*borneensis*: 1 Mount Kinabalu 24.3 and 1 there 26.3.
- 314 **Chestnut-naped Forktail** (M) *Enicurus ruficapillus* (NT)  
3 Rafflesia Forest Reserve 29.3.  
A family alongside the road.
- 315 **Rufous-chested Flycatcher** *Ficedula dumetoria muelleri* (NT)  
1 Danum Valley DVFC 18.3.
- 316 **Little Pied Flycatcher** *Ficedula westermanni westermanni*  
Up to 6/2 Mount Kinabalu 23.3-26.3, 1 Poring Hot Springs 28.3.
- 317 **Narcissus Flycatcher** *Ficedula narcissina narcissina*  
1 Danum Valley BRL 16.3 and 1 Si Amil 22.3.  
A female at the canopy walkway at Danum and then a smart male behind the military camp at Si Amil.
- 318 **Mugimaki Flycatcher** (M) *Ficedula mugimaki*  
Up to 3 Mount Kinabalu 24.3-26.3, 4 Rafflesia Forest Reserve 28.3 and 3 there 29.3, 1 Paya Maga 30.3.
- 319 **Snowy-browed Flycatcher** *Ficedula hyperythra sumatrana*  
Up to 4 Mount Kinabalu 23.3-26.3.
- 320 **Eyebrowed Thrush** (M) *Turdus obscurus*  
1 Mataking 21.3, 1 Rafflesia Forest Reserve 28.3 and 2 there 29.3 and also seen en route between sites 26.3.
- 321 **Asian Glossy Starling** *Aplonis panayensis strigata*  
Common/widespread - seen on 15 days of 23 with first observation Sepilok 11.3.  
Common at low elevations.
- 322 **Common Hill Myna** *Gracula religiosa religiosa*

seen en route between sites 19.3.

- 323 **Crested Myna** *Acridotheres cristatellus cristatellus*  
Up to 2 Kota Kinabalu 11.3-2.4.  
Only seen at the airport!
- 324 **Javan Myna** (M) *Acridotheres javanicus*  
10 Sepilok 11.3 and also seen en route between sites 12.3.  
Seen at Sepilok and along the road between Sepilok and Sukau - apparently a recent colonizer.
- 325 **Chestnut-cheeked Starling** (M) *Sturnia philippensis*  
2 Sipadan 20.3.
- 326 **Greater Green Leafbird** *Chloropsis sonnerati zosterops*  
2 Danum Valley DVFC 19.3, 5 Paya Maga 30.3 and 1 Merarap Hot Springs Lodge 1.4.
- 327 **Lesser Green Leafbird** *Chloropsis cyanopogon cyanopogon* (NT)  
10 Sepilok 12.3, 5 Danum Valley BRL 16.3 and 3 there 17.3, up to 5 Danum Valley DVFC 17.3-19.3, 2 Merarap Hot Springs Lodge 1.4.
- 328 **Bornean Leafbird** (M) *Chloropsis kinabaluensis* Endemic  
5 Rafflesia Forest Reserve 28.3 and 10 there 29.3, 3 Paya Maga 30.3, 3 Ravenscourt 31.3, 2 Merarap Hot Springs Lodge 1.4.
- 329 **Yellow-breasted Flowerpecker** *Prionochilus maculatus maculatus*  
1 Danum Valley BRL 17.3 and 1 Danum Valley DVFC 19.3.
- 330 **Crimson-breasted Flowerpecker** *Prionochilus percussus ignicapilla*  
2 Paya Maga 30.3.
- 331 **Yellow-rumped Flowerpecker** (M) *Prionochilus xanthopygius*  
1 Danum Valley BRL 16.3, 2 Danum Valley DVFC 19.3 and 1 Paya Maga 30.3.
- 332 **Orange-bellied Flowerpecker** *Dicaeum trigonostigma dayakanum*  
1 Sepilok 11.3 and 3 there 12.3, 1 Poring Hot Springs 27.3 and 10 there 28.3, 2 Paya Maga 30.3, 1 Merarap Hot Springs Lodge 1.4.
- 333 **Black-sided Flowerpecker** (M) *Dicaeum monticolum*  
Up to 5 Mount Kinabalu 23.3-26.3, 1 Rafflesia Forest Reserve 29.3, 1 Paya Maga 30.3, 1 Ravenscourt 31.3.
- 334 **Scarlet-backed Flowerpecker** *Dicaeum cruentatum nigrimentum*  
2 Sepilok 12.3.
- 335 **Ruby-cheeked Sunbird** *Chalcoparia singalensis borneana*  
2 Sepilok 12.3, 3 Kinabatangan 13.3 and 2 there 14.3, 1 Gomantong Caves 15.3, 3 Danum Valley BRL 16.3 and 1 there 17.3, 1 Poring Hot Springs 27.3, 2 Paya Maga 30.3.
- 336 **Plain Sunbird** (M) *Anthreptes simplex*  
2 Danum Valley BRL 16.3 and 4 there 17.3, 3 Danum Valley DVFC 18.3 and 3 there 19.3, 3 Poring Hot Springs 27.3 and 1 there 28.3, 1 Paya Maga 30.3, 3 Merarap Hot Springs Lodge 1.4.
- 337 **Plain-throated Sunbird** *Anthreptes malacensis borneensis*  
2 Sepilok 11.3 and 2 there 12.3, 2 Kinabatangan 13.3 and 3 there 14.3, 2 Sipadan 20.3, 1 Matakong 21.3, 2 Si Amil 22.3, 2 Poring Hot Springs 28.3.
- 338 **Purple-naped Sunbird** *Hypogramma hypogrammicum hypogrammicum*  
2 Kinabatangan 13.3, 2 Danum Valley BRL 17.3, 1 Poring Hot Springs 28.3 and 1 Merarap Hot Springs Lodge 1.4.
- 339 **Van Hasselt's Sunbird** *Leptocoma brasiliana brasiliana*  
5 Sepilok 12.3 and 1 Kinabatangan 14.3.
- 340 **Olive-backed Sunbird** *Cinnyris jugularis ornatus*  
5 Sepilok 11.3 and 5 there 12.3, 10 Kinabatangan 13.3 and 5 there 14.3, 2 Sipadan 20.3, 30 Matakong 21.3, 30 Si Amil 22.3, 1 Mount Kinabalu 23.3, 10 Kota Belud 2.4.
- 341 **Eastern Crimson Sunbird** *Aethopyga siparaja siparaja*

1 Danum Valley DVFC 18.3 and 2 there 19.3.

342 **Temminck's Sunbird** (M) *Aethopyga temminckii*

Up to 5 Mount Kinabalu 23.3-26.3, 1 Rafflesia Forest Reserve 28.3, 2 Paya Maga 30.3, 3 Ravenscourt 31.3.

343 **Little Spiderhunter** *Arachnothera longirostra buettikoferi*

2 Sepilok 11.3 and 2 there 12.3, 1 Kinabatangan 14.3, up to 5 Danum Valley BRL 15.3-17.3, 1 Danum Valley DVFC 18.3 and 3 there 19.3, 1 Matakang 21.3, 5 Poring Hot Springs 27.3 and 2 there 28.3, 1/2 Paya Maga 30.3, 1 Ravenscourt 31.3, 1 Merarap Hot Springs Lodge 1.4.

344 **Long-billed Spiderhunter** *Arachnothera robusta robusta*

1 Danum Valley BRL 16.3 and 1 Paya Maga 30.3.

345 **Spectacled Spiderhunter** (M) *Arachnothera flavigaster*

2 Sepilok 12.3, 1 Danum Valley BRL 16.3, 1 Paya Maga 30.3 and 1 Ravenscourt 31.3.

346 **Yellow-eared Spiderhunter** *Arachnothera chrysogenys harrissoni*

3 Danum Valley BRL 16.3 and 2 there 17.3, 1 Danum Valley DVFC 19.3, 5 Merarap Hot Springs Lodge 1.4.

347 **Streaky-breasted Spiderhunter** *Arachnothera affinis everetti*

Up to 2 Danum Valley BRL 15.3-17.3, 2 Danum Valley DVFC 17.3 and 3 there 19.3, 2 Poring Hot Springs 27.3, 1 Rafflesia Forest Reserve 28.3, 2 Paya Maga 30.3.

348 **Whitehead's Spiderhunter** (M) *Arachnothera juliae*

1 Paya Maga 30.3.

At least one bird coming to flowering tree (red flowers) alongside trail at 1200 masl.

349 **Eastern Yellow Wagtail** *Motacilla tschutschensis simillima*

5 Papar Rice fields 1.4, 5 Kota Belud 1.4 and 10 there 2.4.

350 **Gray Wagtail** *Motacilla cinerea cinerea*

Up to 2 Poring Hot Springs 26.3-28.3, 2 Rafflesia Forest Reserve 28.3 and 3 there 29.3, 1 Paya Maga 30.3, 2 Ravenscourt 31.3, 2 Merarap Hot Springs Lodge 1.4.

351 **Oriental Pipit** *Anthus rufulus malayensis*

2 Kota Kinabalu 11.3.

352 **Eurasian Tree Sparrow** *Passer montanus malaccensis*

Common/widespread - seen on 19 days of 23 with first observation Sepilok 11.3.

353 **Dusky Munia** (M) *Lonchura fuscans*

Common/widespread - seen on 14 days of 23 with first observation Sepilok 12.3.

354 **Nutmeg Mannikin** *Lonchura punctulata cabanisi*

50 Kota Belud 2.4.

355 **White-bellied Munia** *Lonchura leucogastra palawana*

1 Gomantong Caves 15.3.

356 **Chestnut Munia** *Lonchura atricapilla jagori*

Common/widespread - seen on 13 days of 23 with first observation Sepilok 11.3.

## Checklist - Mammals

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All Sabah, except three species only seen in Sarawak (SAR).

1 **Asian Elephant** *Elephas maximus*

10 Danum Valley BRL 15.3 and 1 heard there 17.3.

2 **Mountain Tree Shrew** (M) *Tupaia montana*

- 3 **Pygmy Tree Shrew** (M) *Tupaia minor*  
5 Kinabatangan 14.3.
- 4 **Common Tree Shrew** (M) *Tupaia glis*  
1 Paya Maga 30.3. (SAR)
- 5 **Pen-tailed Tree Shrew** (M) *Ptilocercus lowii*  
2 Kinabatangan 12.3.
- 6 **Pigtailed Macaque** (M) *Macaca nemestrina*  
1 Kinabatangan 14.3, 10 Danum Valley BRL 15.3 and 10 Poring Hot Springs 27.3.
- 7 **Crab-eating Macaque** *Macaca fascicularis*  
Up to 100 Kinabatangan 12.3-14.3, 10 Danum Valley DVFC 18.3, 15 Si Amil 22.3, 10 Poring Hot Springs 27.3 and 5 there 28.3 and also seen en route between sites 19.3 and also seen on 17.3.
- 8 **Proboscis Monkey** (M) *Nasalis larvatus*  
20 Kinabatangan 13.3 and 50 there 14.3.
- 9 **Maroon Leaf-monkey** (M) *Presbytis rubicunda*  
Up to 2 Danum Valley BRL 15.3-17.3, 2 Danum Valley DVFC 17.3 and 3 there 18.3.
- 10 **Silvered Leaf-monkey** (M) *Trachypithecus cristatus*  
4 Kinabatangan 13.3.
- 11 **Müller's Gibbon** (M) *Hylobates muelleri*  
1 heard Sepilok 12.3, 1 heard Kinabatangan 13.3 and 2 there 14.3, up to 1 heard Danum Valley BRL 16.3-19.3, 1 heard Ravenscourt 31.3, 2 heard Paya Maga 30.3 and 1 heard there 1.4.
- 12 **Bornean Orangutan** *Pongo pygmaeus*  
1 Kinabatangan 13.3 and 1 there 14.3, 1 Danum Valley BRL 15.3 and 1 there 16.3.
- 13 **Thomas' Flying Squirrel** (M) *Aeromys thomasi*  
1 Danum Valley BRL 15.3.
- 14 **Red Giant Flying Squirrel** (M) *Petaurista petaurista*  
1 Sepilok 12.3, 2 Danum Valley BRL 16.3 and 1 Danum Valley DVFC 17.3.
- 15 **Kinabalu Squirrel** (M) *Callosciurus baluensis*  
3 Mount Kinabalu 26.3.
- 16 **Prevost's (White-striped) Squirrel** (M) *Callosciurus prevostii*  
1 Sepilok 11.3, up to 10/5 Kinabatangan 12.3-14.3, 2 Gomantong Caves 15.3, 2 Danum Valley BRL 16.3 and 3 there 17.3, 5 Poring Hot Springs 27.3, 1 Rafflesia Forest Reserve 28.3, 1 Paya Maga 30.3.
- 17 **Plaintain Squirrel** (M) *Callosciurus notatus*  
1 Kinabatangan 13.3 and 3 there 14.3.
- 18 **Bornean Black-banded Squirrel** (M) *Callosciurus orestes*  
Up to 2 Mount Kinabalu 23.3-25.3, 2 Rafflesia Forest Reserve 29.3.
- 19 **Jentink's Squirrel** (M) *Sundasciurus jentinki*  
4 Mount Kinabalu 24.3 and 3 there 27.3, 1 Paya Maga 30.3.
- 20 **Low's (Sunda Tree) Squirrel** (M) *Sundasciurus lowii*  
3 Danum Valley BRL 16.3.
- 21 **Bornean Mountain Ground Squirrel** (M) *Dremomys everetti*  
20 Mount Kinabalu 25.3 and 10 there 26.3.
- 22 **Tufted Pygmy Squirrel** (M) *Exilisciurus whiteheadi*  
2 Mount Kinabalu 24.3 and 2 there 26.3, 3 Paya Maga 1.4.
- 23 **Least Pygmy Squirrel** (M) *Exilisciurus exilis*

- 24 **Cream-coloured Giant Squirrel** (M) *Ratufa affinis*  
1 Sepilok 12.3, 1 Danum Valley DVFC 18.3 and 1 Poring Hot Springs 27.3.
- 25 **Brown Rat** (M) *Rattus norvegicus*  
2 Semporna 20.3.
- 26 **Ricefield Rat** (M) *Rattus argentiventer*  
1 Kota Belud 2.4.
- 27 **(Malayan) Long-tailed Porcupine** (M) *Trichys fasciculata*  
1 Paya Maga 30.3. (SAR)
- 28 **Lesser Flying Fox** (M) *Pteropus hypomelanus*  
2 Sipadan 20.3.
- 29 **Fawn Roundleaf Bat** (M) *Hipposideros cervinus*  
50 Poring Hot Springs 27.3.
- 30 **Wrinkle-lipped Bat** (M) *Tadarida plicatus*  
100 Gomantong Caves 15.3.
- 31 **Banded Palm Civet (Musang)** (M) *Hemigalus derbyanus*  
1 Kinabatangan 13.3.
- 32 **Tangalung** (M) *Viverra tangalunga*  
1 Kinabatangan 14.3.
- 33 **Common Palm Civet** (M) *Paradoxurus hermaphroditus*  
2 Danum Valley BRL 15.3 and 1 there 16.3, 1 Danum Valley DVFC 17.3.
- 34 **Wild Boar** (M) *Sus scrofa*  
2 Paya Maga 30.3. (SAR)
- 35 **Bearded Pig** (M) *Sus barbatus*  
Up to 4 Kinabatangan 12.3-14.3.
- 36 **Lesser Mouse Deer** (M) *Tragulid kanchil*  
1 Sepilok 12.3.
- 37 **Sambar Deer** (M) *Cervus unicolor*  
2 Danum Valley BRL 15.3 and 1 there 16.3, 3 Danum Valley DVFC 17.3.
- 38 **Southern Red Muntjac** (M) *Muntiacus muntjak*  
2 heard Danum Valley DVFC 18.3 and 2 heard Paya Maga 30.3.