The Birds and Mammals recorded on the VENT Borneo 2007 Tour

compiled and led by

K. David Bishop

Proboscis Monkey *Nasalis larvatus* © K. David Bishop
Borneo 2007

I sometimes have to pinch myself to realize just how fortunate I am to return each year to this extraordinary island. VENT’s tour of Borneo is without doubt one of the finest natural history trips anywhere, not least because Borneo is one of the most exciting, vibrant, and biologically diverse places on our planet. The combination of still wondrously immense forests replete with a fabulous array of plants, mammals, birds, reptiles, amphibians, and invertebrates (oh, the butterflies!) serviced by some of the most comfortable and attractive accommodations to be enjoyed anywhere in the tropics, together with some truly sumptuous meals, guarantees an unforgettable experience.

Borneo is indisputably an extraordinary place, and this continues to be underscored by new discoveries. Recent genetic studies have shown that the Bornean pygmy elephant is indeed a very distinct taxon; the Borneo population of orangutans should be treated as a separate species, and recent studies of the Bornean clouded leopard show that it too is a completely separate species from all other populations. And so it is with birds, reptiles, amphibians, and invertebrates too. Clearly, Borneo exhibits more than its share of weird and wonderful creatures, and our experiences exemplify what a wonderful tour this is. Consider the following:

• On our first morning in the Crocker Range we encountered a classic example of a gigantic rafflesia, the world’s largest flowering plant - just a five-minute walk from our vehicle.

• Excellent views of the virtually mystical Bornean Ground-Cuckoo; not one but three Everett’s Thrushes; daily encounters with sumptuous Jambu Fruit-Doves - gosh that male!; a male Great Argus at his display ground that permitted us to approach to within just a few feet; and simply astonishing views of hunting leopard cats and an orangutan female with her young were just some of the highlights of our 2007 tour.

• In Borneo it’s not only birds and bats that “fly.” On our tour we soon learned that there are:
  - gliding squirrels - we enjoyed superlative, close views of a lovely, ginger-colored Thomas’ giant flying squirrel and the even larger giant red flying squirrel (14 species occur in Borneo);
  - “flying lemurs” - actually a colugo, a rather unusual and highly specialized arboreal mammal that glides on huge membranes attached to its wrists and ankles (there are only two species in the family);
  - flying lizards or dracos - ranging in size from a few inches to one-and-one-half-feet in length, they glide between trees on their expanded rib-cages;
  - flying geckos - they look more like a praying mantis or peculiar orchid;
  - gliding frogs - not only do they glide on expanded webbed feet, but they use those same feet to display streamside;
  - flying snakes - paradise tree snake is arguably one of the loveliest snakes in the world, and it too glides on its expanded rib-cage.
• Borneo hosts some of the world’s most spectacular and colorful birds, and on this tour we enjoyed:

  Scintillating views of Hooded, Black-and-crimson, and Blue-headed pittas – the latter bounding up the trail right in front of us;

  Innumerable scenes of seven of Borneo’s eight species of hornbills including repeated studies of the gigantic Rhinoceros Hornbill;

  Best ever studies of a pair of Bornean Ground-Cuckoos as they growled and swore at us from the forested edge of the lovely Menanggal River;

  Four species of trogons (including the rarely encountered Whitehead’s) and four species of gorgeous broadbills;

  Not one but three of the extremely rarely encountered Everett’s Thrushes.

• VENT’s Borneo tours regularly garner an enviable array of exciting mammals. Species we saw on this tour included:

  Numerous encounters with truly wild orangutans including endearing scenes of a mother and young as she fed at a fruiting tree;

  Several encounters with exquisite leopard cats along the lovely Menanggal River and in the Danum Valley;

  Troop after cheeky troop of proboscis monkeys along the mighty Kinabatangan River, one adult male providing exceptional photographic opportunities (see the front cover of this report);

  Evocative sounding and looking Bornean gibbons – around our lodge;

  A pair of gigantic water monitors wrestling in the Kinabatangan swamp forests.

• VENT’s Borneo tour regularly records 260 to 290 species of birds and 30 to 40 species of mammals. Nevertheless, our aim is for each and every participant to see each and every species well, and, ideally, on more than one occasion; in this I believe we were very successful. Possessing an intimate knowledge of the calls of the birds and where to find them is a key to our success and has been built on many years of studying the birds of Borneo and the surrounding regions of Asia.

• And what of those sumptuous meals at the Tanjung Aru Beach Hotel, arguably the finest breakfast anywhere in Asia, whilst at our friendly Fairy Garden accommodations we have rarely tasted better dinners anywhere. Nevertheless, the overall hospitality of the staff at Borneo Rainforest Lodge and their cheerful provision of superb early breakfasts, plus the knowledge that after a sweaty morning in the field you can return to the luxury of a lovely room and a good shower all adds to the special enjoyment we have of staying at this facility for six nights.

Thanks to you all for helping to make this tour such a great success! Borneo is without doubt one of the best and most enjoyable birding destinations in the world. There were many, many other
birding and wildlife highlights, of course, but to be shared in the company of such a superbly cohesive and friendly group is truly wonderful and what makes my life such a joy.

Thanks again to all, especially to Adrian, Doni, and Remi for their good company and hard work, our various boatmen, drivers, local guides, and the many others who made our stay in Borneo so safe, friendly, and fulfilling. Many thanks to you all - Horton and Brenda, Tod and Noreen, Jim, Jean, Bill and Daphne. It was a pleasure traveling and birding with you.

David Bishop
Diary

Daily Itinerary

4 July  A full morning at Tambunan Rafflesia Reserve in the Crocker Range above Kota Kinabalu.

5 July  An early morning visit to Likas Bay marsh before returning to our lovely hotel for an extraordinarily scrumptious breakfast. We then conducted an exploration of the hotel grounds and nearby coastal habitats before returning for a very enjoyable lunch. A short drive north up the coast took us to the very attractive Rasa Ria Resort where we birded the grounds during the afternoon.

6 July  A very exciting morning’s birding in the Kota Belud/Tempasuk Plain area before taking the back way to Mt Kinabalu Park. A couple of hours during the late afternoon commenced our ‘assault’ on Mt Kinabalu.

7 July  Our first full day exploring the montane forests of Mt Kinabalu Park when we begin to make some inroads into the marvellous nature of this magnificent mountain.

8 July  All day birding the trails of Mount Kinabalu.

9 July  Another very productive morning on the trails at Mt Kinabalu Park. We then drove to Kota Kinabalu before eventually bordering our flight to Sandakan on Sabah’s east coast.

10 July The morning was spent exploring the attractive city of Sandakan; of special note was a visit to the War Memorial commemorating the Sandakan Death Marches of World War II. We then travelled by boat up the Kinabatangan River to Sukau Rainforest Lodge. A fabulous night-cruise concluded an impressive day.

11 July Our exploration of this area began with a visit to Teningau River followed by a wander along the boardwalk behind Sukau Rainforest Lodge. Afternoon was spent at the attractive oxbow lake but torrential rain prevented a repeat of the previous evening’s night cruise.

12 July A sensational morning on the Menanggol River followed after lunch by a trip to the Gomantong Caves. An eventful drive for dinner in Lahad Datu followed by a late night trip into Danum Valley and the Borneo Rainforest Lodge (BRL) slowed by a huge treefall saw us arriving at 01.15!

13 – 17 July Lots of brilliant birding and natural historising in the Danum Valley on the entrance road, Hornbill Trail, Segama Trail, Danum Trail, the newly extended canopy walkway and the BRL gardens.
18 July  After some final but very productive birding a longish but interesting drive to Semporan before heading by boat over to Mabul Island in the Celebes Sea.

19 July  An early morning boat trip to Pulau Sipadan gave us three very good birding and snorkelling hours before making the convoluted journey by boat, road and air back to Kuala Lumpur.

20 July  Our tour of Borneo concludes this morning following a decadently late sleep in and equally divine breakfast.
Annotated List Of Birds

NON-PASSERINES

1. Oriental Darter  *Anhinga melanogaster*  NT
   This globally Near Threatened species was observed on ten days with as many as 15 on the lower Kinabatangan and 20 above Sukau Rainforest Lodge.

2. Lesser Frigatebird  *Fregata ariel*
   Several including good looks at adult males, Mabul and Sipadan islands and ca. 20 over Semporna.

3. Little Egret  *Egretta garzetta*
   Seen in ones and twos at Likas Bay and Kota Belud and several on our boat trip up the Kinabatangan to Sukau.

4. Pacific Reef Egret  *Egretta sacra*
   One dark morph near the Tanjung Aru Beach Hotel; several on or near Mabul I. including 10 on or in flight around Sipadan I.
   Also known as Eastern Reef-Egret
   
   **NOTE:** Previously placed in *Demigretta.*

5. Great-billed Heron  *Ardea sumatrana*  NT
   One along the Danum River, anting during two afternoons and at least two with Lesser Adjutants on mud-flats south of Semporna.

6. Purple Heron  *Ardea purpurea*
   Common around Likas Bay and Kota Belud and one or two along the Kinabatangan.

7. Grey Heron  *Ardea cinerea*
   Two at Likas Bay marsh.

8. Great Egret  *Casmerodius alba*
   Common around Likas Bay and Kota Belud as well as along the Kinabatangan; one over Sipadan I.

9. Intermediate Egret  *Mesophyx intermedia*
   Several in the wet fields near Kota Belud.
   
   **NOTE:** Sometimes placed in *Egretta.*

10. Eastern Cattle Egret  *Bulbulcus coromandus*
    Thirty or so in the wet fields near Kota Belud incl. several in partial breeding plumage; also KK airport and ca. 150 with a herd of cattle in oil palm en route to Tawau.

   **NOTE:** Consistent differences between *B. ibis* and *B. coromandus* in breeding plumage,
proportions and vocalisations indicate they are better treated as two species. Rasmussen & Anderton. 2005 ‘Birds of South Asia The Ripley Guide’. Birds in North America are referable to Western or Common Cattle Egret B. ibis.

11. Javan Pond Heron  *Ardeola speciosa*  
Ten counted, many in near breeding plumage, Kota Belud. This appears to be an increasing, recent colonist in this much altered area of Sabah, Borneo.

12. Little Heron  *Butorides striata*  
Two at Likas Bay marsh; one in the grounds of the Tanjung Aru Beach Hotel; and several along the Kinabatangan.

Also known as Mangrove, Striated or Green-backed Heron.

**NOTE:** The A.O.U. has recently separated North American populations of this widespread species from all other populations. Thus, birds in North America become *B. virescens* Green or Green-backed Heron. Observers would be advised to note wherever they see this species in their travels worldwide as this species is likely to be further divided into a number of allospecies.

13. Black-crowned Night-Heron  *Nycticorax nycticorax*  
Quite common, ca. 20, around Likas Bay.

14. Rufous Night-Heron  *Nycticorax caledonicus*  
Twelve on Sipadan.

15. Yellow Bittern  *Ixobrychus sinensis*  
As many as 20, likely more, in the wet grasslands near Kota Belud.

16. Cinnamon Bittern  *Ixobrychus cinnamomeus*  
Superb views of three at Likas Bay marsh and as many as 15 in the wet grasslands near Kota Belud.

17. Storm’s Stork  *Ciconia stormi*  
Three at the interface of oil palm and swampy forest along the Teningau R. mid-morning; two on a dead tree in young oil palm between Sukau and Gomantong and at least three in a small collection of dead and live trees ca. 24 km north of Lahad Datu.

This species is globally endangered and recent assessments put the worldwide population at under 1,000 individuals.

18. Lesser Adjutant  *Leptoptilus javanicus*  
One along the Kinabatangan and a total of 8+ with other large wading birds near Semporna.

19. Wandering Whistling-Duck  *Dendrocygna arcuata*  
Five at Likas Bay marsh and approximately 30 in the wet fields near near Kota Belud.
20. Jerdon's Baza *Aviceda jerdoni*
   One seen all too briefly just below the Rafflesia reserve in the Crocker Range and one seen superbly along the Kinabatangan.

21. Oriental Honey-Buzzard *Pernis ptilorhynchus*
   One soaring over BRL a relatively uncommon species at this site.

22. Bat Hawk *Macheiramphus alcinus*
   Two perched high above the Menangal River shortly after dawn and even better 'scope views of one during the midday near Goamantong caves gave exceptional views of this interesting species.

23. Black-winged Kite *Elanus caeruleus*
   Notably common over the wet fields near Kota Belud with several birds (ca. 12) putting on a fine display of their aerial abilities.

24. Brahminy Kite *Haliastur indus*
   Two at Likas Bay; six near Kota Belud; very common in Sandakan Bay and on the Kinabatangan, where seen daily. Also Semporna and Mabul I.

25. White-bellied Sea-Eagle *Haliaeetus leucogaster*
   Several in Sandakan Bay and one over the Kinabatangan.

26. Lesser Fish-Eagle *Ichthyophaga humilis* NT
   One bird appears to be resident on the middle reaches of the Menanggol R. and we enjoyed very nice looks at this bird.

27. Grey-headed Fish-Eagle *Ichthyophaga ichthyaetus* NT
   One seen repeatedly at close quarters along the Teningau River.

28. Crested Serpent-Eagle *Spilornis cheela*
   Several of these sensational raptors were seen at close quarters during our stay at Sukau and in the Danum Valley.

29. Mountain Serpent-Eagle *Spilornis kinabaluensis* T
   A rare sighting of this very local endemic as it hunted, shortly after dawn far below the viewing platform at the Timpohon Gate and one immature over the canteen.

30. Black Eagle *Ictinaetus malayensis*
   One over the Crocker Range.

31. Crested Goshawk *Accipiter trivirgatus*
   Singles seen along the Kinabatangan R. and in display in the Danum Valley.

32. Rufous-bellied Eagle *Hieraaetus kienerii*
   One adult over the Kinabatangan and one soaring near the Coffin Cliffs in the Danum Valley.

33. Blyth's Hawk-Eagle *Spizaetus alboniger*
   A pair seen nicely soaring over BRL in the Danum Valley.
34. **Wallace’s Hawk-Eagle** *Spizaetus nanus*  
   An increasingly rare and rather spectacular raptor but we saw several sub-adults along the Teningau River.

35. **Peregrine Falcon** *Falco peregrinus*  
   One individual of the rarely seen resident race *ernesti* in flight an then perched above the Timpohon Gate, KP; one adult male also of the resident race along the Kinabatangan.

36. **Cuming’s Scrubfowl** *Megapodius cumingii*  
   One seen all too briefly within the forest on Sipadan I.  
   Sometimes referred to as Tabon Scrubfowl, however, in the Philippine language Tagalo this means ‘Scrufowl’ thus it is a redundant epithet hence our preferred use of the name Cuming’s Scrubfowl

37. **Red-breasted Partridge** *Arborophila hyperythra*  
   Heard a number of times on Mt Kinabalu but typically difficult to see.

38. **Chestnut-necklaced Partridge** *Arborophila charltonii*  
   A difficult bird to see at the best of times and only a few were heard rather briefly this year in the Danum Valley.

39. **Crimson-headed Partridge** *Haematortyx sanguiniceps*  
   Heard frequently on Mt Kinabalu.

40. **Crested Fireback** *Lophura ignita*  
   A group of one male and one or two female appear to have become habituated at the BRL, Danum Valley permitting exceptional studies of this gorgeous bird.

41. **Great Argus** *Argusianus argus*  
   Undoubtedly one of the highlights of a wonderful tour. A spectacular male called and strutted and attended to his dancing ground as we stood watching from literally just a few metres away in astonishment in the Danum Valley. Several others were heard daily throughout the Danum Valley.

42. **White-breasted Waterhen** *Amaurornis phoenicurus*  
   Several at Likas Bay marsh and notably common in the wet fields near Kota Belud.

43. **Ruddy-breasted Crake** *Porzana fusca*  
   One seen by several people in the grounds of the Rasa Ria resort.

44. **White-browed Crake** *Porzana cinerea*  
   Brief but good sighting of one at Likas Bay marsh.

45. **Watercock** *Gallicrex cinerea*  
   Sensational views of several adult males in full breeding plumage in the wet fields and surrounding rice-fields near Kota Belud.

46. **Purple Swamphen** *Porphyrio porphyrio*  
   Ten at Likas Bay marsh and six in wet fields near Kota Belud.
47. Common Moorhen *Gallinula chloropus*
Common at Likas Bay marsh and in the wet fields near Kota Belud where a couple of young were also seen.

48. Greater Painted-Snipe *Rostratula bengalensis*
Good 'scope views of a male in the wet fields and two females chasing a male in rice-fields all near Kota Belud.

49. Black-winged Stilt *Himantopus himantopus*
Thirty counted in wet fields near Kota Belud.

50. Redshank *Tringa tetanus*
One along the Kinabatangan.

51. Wood Sandpiper *Tringa glareola*
Just one in the wet fields near Kota Belud.

52. Whimbrel *Numenius arquatus*
One at the mouth of the Kinabatangan.

53. Whiskered Tern *Chlidonias hybridus*
Ten including several in partial breeding plumage over the wet fields near Kota Belud.

54. Bridled Tern *Sternula anaethetus*
Six feeding between Mabul I. and the nearby coast of Borneo.

55. Rock Dove *Columba livia* FERAL

56. Spotted Turtle-Dove *Streptopelia chinensis*

57. Ruddy Cuckoo-dove *Macropygia emiliana*
One or two at Gunung Maas, Crocker Range.

58. Little Cuckoo-Dove *Macropygia ruficeps*
Common in the Crocker Range and on Mt Kinabalu, where seen daily.

59. Nicobar Pigeon *Caloenas nicobarica* NT
A total of four seen nicely as they flew around us on several occasions at Sipadan I.

60. Emerald Ground-Dove *Chalcophaps indica*
Seen or heard almost daily in the Kota Belud area; along the Kinabatangan and in the Danum Valley and on Sipadan I.

61. Zebra Dove *Geopelia striata* Introduced

62. Little Green-Pigeon *Treron olax*
Fabulous close and prolonged views of this handsome green-pigeon within degraded swamp forest where a total of ca. 20 were recorded in the Kota Belud area and four along the Kinabatangan.
63. Pink-necked Pigeon *Treron vernans*
   Common around the Rasa Ria resort and one or two seen in degraded swamp forest near Kota Belud.

64. Cinnamon-headed Green Pigeon *Treron fulvicollis* **NT**
   After much discussion we agreed that the female green pigeon we had seen and photographed was indeed this increasingly rarely encountered species – Menangal R.

65. Thick-billed Pigeon *Treron curvirostra*
   Several good ‘scope views of males at a fruiting tree in the Danum Valley.

66. Jambu Fruit-Dove *Ptilinopus jambu*
   One female in prolonged flight but away from us at Mt Kinabalu Park; sensational views of a gorgeous male and possibly as many as two others near the canopy walkway in the Danum Valley and scattered glimpses of other individuals daily. THEN on the final morning we all got to enjoy prolonged ‘scope views of an absolutely corker of a male at the fruiting tree – thanks Daphne!

67. Black-naped Fruit-Dove *Ptilinopus melanospila*
   Finally we caught up with this beauty in Borneo. At least four birds were seen beautifully on Sipadan as they attended a fruiting fig.

68. Green Imperial-Pigeon *Ducula aenea*
   Seen commonly, daily along the Kinabatangan and throughout Danum Valley.

69. Grey Imperial *Ducula pistrinia* **T**
   As many as 15 seen in and around Sipadan I. This is a poorly known and rarely encountered species.

   **NOTE:** *Ducula pistrinaria* of the Northern Melanesia is sometimes ascribed the same common, however, that taxon is now more widely and perhaps better known as Island Imperial Pigeon.

70. Mountain Imperial-Pigeon *Ducula badia*
   Several in the Crocker Range, fairly common on Mt. Kinabalu.

71. Pied Imperial-Pigeon *Ducula bicolor*
   An offshore island specialist, we saw as many as 40 of these attractive birds on Sipadan I.

72. Blue-rumped Parrot *Psittinus cyanurus* **NT**
   Several heard and seen daily in the Danum Valley.

73. Blue-naped Parrot *Tanygnathus lucionensis* **T**
   Superb views of an adult at its nest hole near the Tanjung Aru Hotel. I am not convinced that this species is introduced in Borneo.

74. Blue-crowned Hanging-Parrot *Loriculus galgulus*
   Heard and seen in flight frequently along the Kinabatangan and in the Danum Valley. One finally ‘scoped on our last morning for a good close view.
75. Long-tailed Parakeet *Psittacula longicauda* **NT**
   Ten counted along the Kinabatangan and Menagal rivers.

76. Oriental Cuckoo *Cuculus saturatus*
    One found nicely by Adrian and seen by most of the group in Kinabalu Park.

77. Malay Hawk Cuckoo *Hierococcyx fugax*
    Heard in the Danum Valley.

78. Banded Bay Cuckoo *Cacomantis sonneratii*
    Heard a number of times along the Kinabatangan R. and heard in the Danum Valley.

79. Plaintive Cuckoo *Cacomantis merulinus*
    Heard and seen a number of times along the Kinabatangan.

80. Violet Cuckoo *Chrysococcyx xanthorhynchus*
    Seen many times but always in flight along the Menangol River and in the Danum Valley.

81. Black-bellied Malkoha *Phaenicophaeus diardi* **NT**
    Singles seen on two occasions in the Danum Valley.

82. Raffles’s Malkoha *Phaenicophaeus chlorophaeus*
    Common along the Kinabatangan and in the Danum Valley.

83. Red-billed Malkoha *Phaenicophaeus javanicus*
    One seen very nicely in Danum Valley.

84. Chestnut-breasted Malkoha *Phaenicophaeus curvirostris*
    One at Sukau and one seen briefly in the Danum Valley.

85. Bornean Ground-Cuckoo *Carpococcyx radiatus* **T**
    Arguably THE avian highlight of the entire Borneo tour. A pair of very aggressive and
    responsive birds put on an incredible show as we all enjoyed multiple views of this
    cosmic bird along the Menangal River.

86. Lesser Coucal *Centropus bengalensis*
    One seen well from our coach as we drove through scrub and farmland from Kota Belud to
    Kinabalu Park.

87. Greater Coucal *Centropus sinensis*
    Seen in scrub near Kota Belud and Danum Valley.

88. Short-toed Coucal *Centropus rectunguis*
    Heard along the Teningau River.

89. Grass Owl *Tyto capensis*
    This one was a real surprise as there do not appear to be any confirmed records of this
    species from Borneo. One seen well in flight over the wet fields near Kota Belud.

90. Mountain Scops-Owl *Otus spilocephala*
    So near and yet so far. I really thought we were going to win this time but as is so often the
case with this species it sounded very close called back to our imitations but was seemingly invisible; Kinabalu Park.

91. **Buffy Fish-Owl**  *Ketupa ketupu*
   Stunning views of three or four number of birds along the Menanggal River at night.

92. **Brown Wood-Owl**  *Strix leptogrammica*
   Something of a surprise, one seen at dusk in Kinabalu Park. Good views of one in the Danum Valley.

93. **Glossy Swiftlet**  *Collocalia esculenta*
   Seen almost daily at all sites.
   Also known as White-bellied Swiftlet.

   **NOTE:** Some birds on Borneo were formerly assigned to Linchi Swiftlet *Collocalia linchii*, however, the latter has now been shown to be at best a subspecies of Glossy Swiftlet (see Smythies and Davison 1999).

94. **Mossy-nest Swiftlet**  *Aerodramus salangana*
   Gomantong Caves.

95. **Black-nest Swiftlet**  *Aerodramus maxima*
   Gomantong Caves.

   **NOTE:** Robson (2000 - FG to Birds of SE Asia) splits Germain's Swiftlet including *A. g. germani* and *A. g. amechana* of S Mynmar, C, S Thailand, Peninsular Malaysia, Singapore, E Tonkin, C, S Annam, Cochinchina, N, C Laos and possibly elsewhere, from White-nest (Edible-nest) Swiftlet. The latter's global range is thus restricted to Andaman and Nicobar Is., small islands off S Myanmar, Sundas (We are unsure what Robson means by this term??), and Tanahjampea (Flores Sea Is., Indonesia). The status of birds in N Borneo and the southern Philippines is ambiguous and for the time being we retain populations at the latter two sites in White-nest Swiftlet (see Smythies & Davison 1999).

   The taxonomy of swiftlets represents one of the most complex taxonomic problems in the Oriental region. For a helpful and up to date discussion of the situation see Smythies and Davison (1999 Birds of Borneo).

96. **Edible-nest Swiftlet**  *Aerodramus fuciphaga*
   Gomantong Caves.

   **NOTE:** The above three species are impossible to differentiate in the field but can be safely identified on the nest. All three occur in the Gomantong Caves and a visit here provides a great opportunity to study the differences between the nests and thus identify the little blighters!
97. **Silver-rumped Needletail** *Rhaphidura leucopygialis*
   This very attractive swift was constantly active over the Danum River at BRL affording us wonderful in-flight, action views.

98. **Brown-backed Needletail** *Hirundapus giganteus*
   Four seen well over the Kinabatangan.

99. **Asian Palm-Swift** *Cypsiurus balasiensis*
   Several around Kota Kinabalu and Kota Belud.

100. **Little Swift** *Apus nipalensis*
   Common around Kota Kinabalu with thousands roosting at the state mosque.
   Also known as House Swift.

   **NOTE:** Considered by some authorities to be a separate species *Apus nipalensis*, however, Rasmussen & Anderton (2005) note that there is currently not sufficient evidence for allowing this split.

101. **Grey-rumped Treeswift** *Hemiprocne longipennis*
   Two over the Teningau River and several daily in the Danum Valley.

102. **Whiskered Treeswift** *Hemiprocne comata*
   The facial plumage of this bird is unusual to say the least and our eye-level views of one near BRL were outstanding.

103. **Whitehead’s Trogon** *Harpactes whiteheadi*
   One female seen well thanks to some fine spotting by Jim in Kinabalu Park.

104. **Red-naped Trogon** *Harpactes kasumba* **NT**
   Heard daily and one gorgeous male seen in the Danum Valley.

105. **Diard’s Trogon** *Harpactes diardii* **NT**
   Several seen and heard very nicely in the Danum Valley.

106. **Scarlet-rumped Trogon** *Harpactes duvaucelii* **NT**
   As with the other trogons, this beauty was heard many times in the Danum Valley but also along the Menanggol River at Sukau. A couple of brilliant sightings along the Teningau and Menanggal rivers and on different trails in the Danum Valley gave everyone multiple views of this species.

   **All these Asian trogons are quite simply fabulous.**

107. **Blue-eared Kingfisher** *Alcedo meninting*
   Common along the narrower tributaries of the Kinabatangan R. What a stunner.

108. **Rufous-backed Dwarf-Kingfisher** *Ceyx rufidorsus*
   One seen beautifully at Sukau Rainforest Lodge – Thank you for such brilliant spotting Horton!
109. Banded Kingfisher *Lacedo pulchella*
   One heard and seen all too briefly at Sukau Rainforest Lodge.

110. Stork-billed Kingfisher *Pelargopsis capensis*
   A truly magnificent bird - one in the Likas Bay marsh and one in degraded swamp forest near Kota Belud, thereafter common on the Kinabatangan and its tributaries and in the Danum Valley.

111. Collared Kingfisher *Todiramphus chloris*
   Very common in all lowland areas. One of the few birds that seems to thrive in the Oil Palm plantations.

112. Red-bearded Bee-eater *Nyctyornis amictus*
   Notably common and conspicuous this year in the Danum Valley with as many as five of these sensational birds being seen there in one day.

113. Blue-throated Bee-eater *Merops viridis*
   Fine views of 2-3 in the grounds of the Rasa Ria Resort; common and gorgeous along the Kinabatangan and in Sandakan.

114. Dollarbird *Eurystomus orientalis*
   One in the Kota Belud area and common along the Kinabatangan.

115. Oriental Pied-Hornbill *Anthracoceros albirostris*
   Very common along the Kinabatangan with a maximum count of fourteen on one day.

116. Black Hornbill *Anthracoceros malayanus* NT
   One of the more common of the many hornbill species we encountered, we saw this great bird several times along the Kinabatangan and its tributaries and in the Danum Valley.

117. Rhinoceros Hornbill *Buceros rhinoceros* NT
   Sabah's faunal emblem and one of the world's most spectacular birds, we were fortunate to see this species several times along the Kinabatangan and in the Danum Valley.

118. Helmeted Hornbill *Buceros vigil* NT
   Sensational views of at least one bird as it repeatedly flew back and forth across the forest in the Danum Valley - perhaps attending a nest site? The bizarre calls of this species are indeed memorable and this is the only hornbill with a solid "ivory' casque.

119. Bushy-crested Hornbill *Anorrhinus galeritus*
   This species is often seen in largish, raucous flocks; we encountered them a few times on the Kinabatangan and its tributaries and commonly in the Danum Valley.

120. White-crowned Hornbill *Aceros comatus* NT
   No miracles this year although we did hear it once in the Danum Valley.

121. Wrinkled Hornbill *Aceros corrugatus* NT
   Another spectacular hornbill seen several times along the Kinabatangan and its tributaries and in the Danum Valley.
122. Wreathed Hornbill  *Aceros undulatus*
   Yet another spectacular hornbill; a flock of five seen in lovely early morning light over the
   Crocker Range and an exceptional record of ca. 15 over Mt Kinabalu; seen several times in
   the Danum Valley.

123. Gold-whiskered Barbet  *Megalaima chrysopogon*
   One or two very nice sightings in the Danum Valley where heard daily.

124. Red-throated Barbet  *Megalaima mystacophanos*  NT
   Superb views of this lovely bird on our first afternoon but thereafter heard daily in the
   Danum Valley.

125. Mountain Barbet  *Megalaima monticola*
   While this is not Borneo’s most attractive endemic, it has until recently been one of the
   more difficult species to actually see. We had good but quick views of one near the Rafflesia
   Centre in the Crocker Range.

126. Yellow-crowned Barbet  *Megalaima henricii*  NT
   Heard daily in the Danum Valley.

127. Golden-naped Barbet  *Megalaima pulcherrima*
   Several seen and heard in the Crocker Range and on Mt Kinabalu, where we had a couple of
   excellent sightings of this attractive endemic.

128. Blue-eared Barbet  *Megalaima australis*
   Heard daily and occasionally seen, most days along the Kinabatangan and in the Danum Valley.

129. Bornean Barbet  *Megalaima eximia*
   Several heard in the Crocker Range of this the scarcest and shyest of the endemic barbets.

130. Brown Barbet  *Calorhamphus fuliginosus*
   This unusual looking barbet was seen very nicely in the Danum Valley.

131. Rufous Piculet  *Sasia abnormis*
   One or two of this delightful ‘pygmies’ seen on several days in the Danum Valley.

132. Sunda Woodpecker  *Dendrocopos moluccensis*
   One seen well in the grounds of the Tanjung Aru Hotel and at Likas Bay marsh.
   Also known previously as Brown-capped (Pygmy) Woodpecker

133. Grey-capped Pygmy Woodpecker  *Dendrocopos canicapillus*
   Danum Valley.

134. Rufous Woodpecker  *Celeus brachyurus*
   Nice looks at a pair in degraded swamp forest near Kota Belud and in the Danum Valley.

135. White-bellied Woodpecker  *Dryocopus javensis*
   Notably conspicuous this year with several pairs and individuals seen along the Kinabatangan.
136. **Crimson-winged Woodpecker** *Picus puniceus*
   One heard only in the Danum Valley.

137. **Checker-throated Woodpecker** *Picus mentalis*
   Several seen daily in mixed flocks on Mt Kinabalu.

138. **Maroon Woodpecker** *Blythipicus rubiginosus*
   One seen several times with mixed flocks on Mt Kinabalu and one in the Danum Valley.

139. **Buff-rumped Woodpecker** *Meiglyptes tristis*
   Heard only along the Kinabatagan and in the Danum Valley.

140. **Buff-necked Woodpecker** *Meiglyptes tukki*  **NT**
   A pair in degraded swamp forest near Kota Belud and in the Danum Valley.

141. **Grey-and-buff Woodpecker** *Hemicircus concretus*
   One at the oxbow along the Kinabatagan.

142. **Great Slaty Woodpecker** *Mulleripicus pulverulentus*
   One pair heard in the Danum Valley.

### PASSERINES

143. **Giant Pitta** *Pitta caerulea*  **NT**
   So close but yet so far! Heard but not seen in the Danum Valley.

144. **Blue-headed Pitta** *Pitta baudii*  **T**
   Surely one of the most gorgeous birds on our planet. Despite that all looked lost and having only heard pittas heading in the wrong direction we were finally awarded the most amazing views of a spanning male, resplendent and bounding along the trail towards us. And then .... And then as if that wasn’t enough one of us who had failed to see this vision of loveliness was treated to a second chance as he hopped back and forth right in front of us! Truly amazing!!!!!!

145. **Hooded Pitta** *Pitta sordida*
   Beautiful and common on the Teningau and Menanggal rivers. All pittas are a special treat and we all had superb views of one as it sat up very conveniently on a perch in the only window available.

146. **Black-and-crimson Pitta** *Pitta ussheri*  **T**
   Another trip highlight with one amazingly responsive bird at the Sukau Rainforest Lodge which Daphne managed to photograph! Also heard frequently throughout our stay in the Danum Valley.

147. **Dusky Broadbill** *Corydon sumatranus*
   A total of five of these elusive and very striking birds seen on our first morning in the Danum Valley.
148. **Black-and-red Broadbill** *Cymbirhynchus macrorhynchos*
   Several of these gorgeous birds along the Kinabatangan and its tributaries and in the Danum Valley.

149. **Banded Broadbill** *Eurylaimus javanicus*
   Heard daily in Danum Valley but much harder to see - two sightings including excellent views of a pair.

150. **Black-and-yellow Broadbill** *Eurylaimus ochromalus NT*
   Seen and heard most days along the Kinabatangan and its tributaries and in the Danum Valley.

151. **Green Broadbill** *Calyptomena viridis NT*
   Notably quiet and unresponsive this year in the Danum Valley this year although we did get a fine look at a pair and one rather dazed male. This is undoubtedly one of South-East Asia's most beautiful birds.

152. **Whitehead's Broadbill** *Calyptomena whiteheadi*
   Heard in the Crocker Range but nary a peep in Kinablu Park where it appears to becoming a very difficult to find species.

153. **Barn Swallow** *Hirundo rustica*
   Several over the wet fields near Kota Belud.

154. **Pacific Swallow** *Hirundo tahitica*
   Several seen daily.

155. **Dark-throated Oriole** *Oriolus xanthonotus*
   Good looks at both adults and immature along the Menaggal River and in the Danum Valley.

156. **Black-and-crimson Oriole** *Oriolus cruentus*
   One on Mt Kinabalu with a mixed species flock.

157. **Sunda Cuckoo-shrike** *Coracina larvata*
   Three seen well on Mt Kinabalu.

158. **Lesser Cuckoo-shrike** *Coracina fimbriata*
   A total of two on two days in the Danum Valley.

159. **Pied Triller** *Lalage nigra*
   Common in the grounds of the Tanjung Aru Beach and Rasa Ria resorts and degraded swamp forest near Kota Belud.

160. **Scarlet Minivet** *Pericrocotus speciosus*
   A pair at Gunung Maas, Crocker Range.

**NOTE:** Rasmussen & Anderton (2005) show that southern India populations should be treated as a separate species. Consequently northern populations adopt the specific name *speciosus*. 
161. **Fiery Minivet** *Pericrocotus igneus*  **NT**  
One or two small groups of this lovely species seen along the Kinabatangan and in the Danum Valley.

162. **Grey-chinned Minivet** *Pericrocotus solaris*  
Just two males on Mt Kinabalu.

163. **Black-winged Flycatcher-shrike** *Hemipus hirundinaceus*  
A very charming group of ten in the danum Valley and then one that perched at eye-level.

164. **Rufous-winged Philentoma** *Philentoma pyrhopterum*  
Good looks to a pair in the Danum Valley.

165. **Maroon-chested Philentoma** *Philentoma velatum*  
Jim only saw a pair in the Danum Valley.

166. **Large Woodshrike** *Tephrodornis gularis*  
Several in the tree-tops in the Danum Valley.

167. **Black-and-white Bulbul** *Pycnonotus melanoleucus*  **NT**  
Notably more common this year than all previous years with ones and twos seen almost daily in the Danum Valley.

168. **Black-headed Bulbul** *Pycnonotus atriceps*  
Common but they would never sit still for a good look, Danum Valley.

169. **Bornean Black-crested Bulbul** *Pycnonotus montis*  
Only two recorded in the Crocker Range.

**NOTE:** The Black-crested Bulbul group is better treated as a superspecies consisting probably of five allopatric species: *P. melanicteris* - Sri Lanka; *P. gularis* Western Ghats, South India; *P. flaviventris* - Himalayas and Central India eastwards to Vietnam and south to Peninsula Malaysia; *P. dispar* - Sumatra; and *P. montis* - Borneo. (Rasmussen & Anderton 2005).

170. **Grey-bellied Bulbul** *Pycnonotus cyaniventris*  
One seen in flight in the Danum Valley (essentially a leader only bird).

171. **Puff-backed Bulbul** *Pycnonotus eutilotus*  
Several seen daily at an inconspicuous fruting/flowering tree in the Danum Valley.

172. **Yellow-vented Bulbul** *Pycnonotus goiavier*  
Very common in open areas throughout Sabah and in the Danum Valley and Sipadan I.

173. **Cream-vented Bulbul** *Pycnonotus simplex*  
One seen by Jim in the Danum Valley.

174. **Red-eyed Bulbul** *Pycnonotus brunneus*  
Crocker Range; Kinabatangan; Danum Valley.
175. Spectacled Bulbul  *Pycnonotus erythropthalmos*
   Common in the Danum Valley.

176. Finsch’s Bulbul  *Alophoixus finschii*
   At least two seen quite well for this seemingly rare and elusive species in the Danum Valley.

177. Ochraceous Bulbul  *Alophoixus ochraceus*
   Seen daily on Mt Kinabalu.

178. Grey-cheeked Bulbul  *Alophoixus bres*
   Several on three days in the Danum Valley.

179. Yellow-bellied Bulbul  *Alophoixus phaeocephalus*
   Two on two days in the Danum Valley.

180. Hairy-backed Bulbul  *Tricholestes criniger*
   A few seen most days in the Danum Valley.

   **NOTE:** Previously placed in *Hypsipetes*.

181. Sunda Streaked Bulbul  *Ixos malaccensis*  NT
   A flock of the in the Danum Valley.

182. **Cinereous Bulbul**  *Hemixos cinereus*
   A total of six seen nicely in the Crocker Range.

   **NOTE:** An unofficial split from Ashy Bulbul *H. flavala* however, the differences in voice and plumage are quite striking.

183. Asian Fairy-bluebird  *Irena puella*
   This striking and quintessential Oriental bird was seen almost daily and in low numbers in the Danum Valley.

184. Lesser Green Leafbird  *Chloropsis cyanopogon*
   Common and seen daily in the Danum Valley.

185. Bornean Leafbird  *Chloropsis kinabaluensis*
   A total of 2-4 recorded including some fine 'scope studies of this handsome species in the Crocker Range.

   **NOTE:** The higher elevation of two subspecies of Blue-winged Leafbird that occur in Borneo has recently been split as a separate species.

186. Common Iora  *Aegithina tiphia*
   Likas Bay; Kota Belud; Sukau.

187. Green Iora  *Aegithina viridissima*
   Danum Valley.

188. Bornean Whistling-Thrush  *Myiophonus borneensis*
   Super views of this endemic at the Timpanon Gate (the start of the Mt Kinabalu trek). At
lower altitudes this is a very shy bird but at these slightly higher altitudes it shows very well indeed.

**NOTE:** Recently split from Sunda Whistling-Thrush *Myiophonus glaucinus.*

**189. Everett’s Thrush  *Zoothera everetti*  NT**
Amazing! For the third year running we found this incredibly elusive endemic. This year everyone got to enjoy superb views of two birds as they fed along the Bukit Ular track, Mt Kinabalu just after dawn. A third bird was seen further along the same track.

**190. White-browed Shortwing  *Brachypteryx montana***
Heard in the Crocker Range and commonly on Mt Kinabalu where seen rather briefly.

**191. Oriental Magpie-Robin  *Copsychus saularis***
Crocker Range; Likas Bay; Kota Belud area; Gomantong Caves.

**192. White-crowned Shama  *Copsychus stricklandii***
This lovely songster is very common in lowland tropical rainforest, seen or heard daily along the Kinabatangan and its tributaries and in the Danum Valley.

**NOTE:** The specific status of this species is still hotly debated and on present evidence it would seem there is a possibility that the taxon is in reality a distinctive subspecies of the widespread White-rumped Shama *C. malabaricus.*

**193. Rufous-tailed Shama  *Trichixos pyrropyga*  NT**
One along the Hornbill Trail and then another perched up for all to see along the East Trail in the Danum Valley.

**194. White-crowned Forktail  *Enicurus leschenaulti***
A very shy bird but everyone eventually enjoyed super views of a bird either along the Liwagu River on Mt Kinabalu or along the muddy tracks in the Danum Valley.

**195. Bornean Stubtail  *Urosphena whiteheadi***
Heard in the Crocker Range and on Mt Kinabalu.

**196. Sunda Bush-Warbler  *Cettia vulcania***
Common and nicely tape responsive providing good views along the Power Station Road on Mt Kinabalu.

**197. Mountain Tailorbird  *Orthotomus cuculatus***
Heard much more often than seen (we saw one or two a day) on Mt Kinabalu.

**198. Dark-necked Tailorbird  *Orthotomus atrogularis***
Common along the Menanggal R. and in the Danum Valley.

**199. Rufous-tailed Tailorbird  *Orthotomus sericeus***
Moderately common along the Menanggal R. and in the Danum Valley.

**200. Ashy Tailorbird  *Orthotomus ruficeps***
A common bird of lowland areas, often near water – Kota Belud area; Kinabatangan and the Danum Valley.
201. Mountain Leaf-Warbler *Phylloscopus trivirgatus*
   Common on Mt Kinabalu.

202. Yellow-breasted Warbler *Seicercus montis*
   Very common on Mt Kinabalu.

203. Yellow-bellied Warbler *Abroscopus superciliaris*
   A total of six seen very nicely in the Crocker Range when we ventured into the forest to view the Rafflesia.

204. Striated Grassbird *Megalurus palustris*
   Excellent sightings of this the largest of the World’s warblers at Likas Bay marsh.

205. Yellow-bellied Prinia *Prinia flaviventris*
   The Bornean race of this species is confusingly plain, seemingly lacking any yellow! Common in lowland areas – Likas Bay, Kinabatangan, Danum Valley.

206. Eyebrowed Jungle-Flycatcher *Rhinomyias gularis*
   Common and easy to observe at Mt Kinabalu again this year. We saw up to eight birds during our stay there including young.

207. Snowy-browed Flycatcher *Ficedula hyperythra*
   Quite shy on Mt Kinabalu this year but some good looks nonetheless including several lovely males as well females and spotty young.

208. Rufous-chested Flycatcher *Ficedula dumetoria* **NT**
   Superb views of a singing male in the Danum Valley.

209. Little Pied Flycatcher *Ficedula westermanni*
   One male on Mt Kinabalu.

210. Indigo Flycatcher *Eumyias indigo*
   Several seen daily on Mt Kinabalu.

211. Bornean Blue-Flycatcher *Cyornis superbus*
   Ones and twos seen on several days in the Danum Valley including one very tame youngster.

212. Malaysian Blue-Flycatcher *Cyornis turcosus* **NT**
   Several along tributaries of the Kinabatangan and in the Danum Valley.

213. Pygmy Blue-Flycatcher *Mascicapella hodgsoni*
   *A group of four foraging in the canopy of an Accacia sp, Kinabalu Park. This is a rather uncommon species in Mt Kinabalu Park.*

214. Grey-headed Canary-Flycatcher *Culicicapa ceylonensis*
   Several most days in the Danum Valley.

215. White-throated Fantail *Rhipidura albicollis*
   Seen daily in the Crocker Range and on Mt Kinabalu. This replaces the following species at higher altitudes.
216. Pied Fantail *Rhipidura javanica*
    Likas Bay; Kota Belud; Kinabatangan; building a nest at BRL in the Danum Valley.

217. Spotted Fantail *Rhipidura perlata*
    Seen regularly and in the Danum Valley.

218. Black-naped Monarch *Hypothymis azurea*
    Very common along the Kinabatangan and its tributaries and in the Danum Valley.

219. Asian Paradise Flycatcher *Terpsiphone paradisi*
    Sensational views of long-tailed silver males along the Menanggal R. and in the Danum Valley.

220. White-chested Babbler *Trichastoma rostratum* **NT**
    A common riparian bird along the Kinabatangan and its tributaries and in the Danum Valley.

221. Ferruginous Babbler *Trichastoma bicolor*
    One very responsive individual put on a great show along the Menaggal River. Also seen at Sukau Rainforest Lodge and in the Danum Valley.

222. Horsfield's Babbler *Malacocincla sepiarium*
    Excellent views of a rather territorial songster in the Danum Valley.

223. Short-tailed Babbler *Malacocincla malaccensis* **NT**
    Heard daily along the Kinabatangan and seen superbly at Sukau Rainforest Lodge and in the Danum Valley.

224. Temminck's Babbler *Pellorneum pyrrogenys*
    Two seen on Mt Kinabalu.

225. Black-capped Babbler *Pellorneum capistratum*
    One seen briefly at Sukau Rainforest Lodge and heard occasionally in the Danum Valley. This very attractive, ground-dwelling babbler is typically extremely hard to see.

226. Moustached Babbler *Malacopteron magnirostre*
    Notably common this year, often a pair with young in the Danum Valley.

227. Sooty-capped Babbler *Malacopteron affine* **NT**
    Two along the Menanggal River.

228. Scaly-crowned Babbler *Malacopteron cinereum*
    Often associated with Sooty-crowned and/or Rufous-crowned babblers, recorded daily in mixed flocks along the Kinabatangan and its tributaries and in the Danum Valley.

229. Rufous-crowned Babbler *Malacopteron magnum* **NT**
    Often associating with the above species, recorded daily in mixed flocks along the Kinabatangan and its tributaries and in the Danum Valley.

230. Bornean Wren-Babbler *Ptilocichla leucogrammica* **T**
    A pair and their offspring put up a great challenge and after nearly an hour of work these wonderfully evocative and rather rare endemics popped into view before disappearing. Not
quite the miracle of last year BUT nevertheless this is one very special Bornean endemic; Danum Valley.

231. Striped Wren-Babbler  *Kenopia striata*  NT
Heard only in the Danum Valley.

232. **Black-throated Wren-Babbler**  *Napothera atrogularis*
Heard very close by on our last morning in the Danum Valley but it just would come in that extra metre.

233. **Mountain Wren-Babbler**  *Napothera crassa*
Despite being heard several times we only relatively poor views this year on Mt Kinabalu.

234. Grey-throated Babbler  *Stachyris nigriceps*
A few seen in the Crocker Range and common on Mt Kinabalu.

235. Black-throated Babbler  *Stachyris nigricollis*  NT
Heard along the Menanggal River.

236. Chestnut-rumped Babbler  *Stachyris maculate*  NT
This is a highly social babbler that is always highly responsive albeit relatively scarce, we had a fine sighting of four along the Menanggal River.

237. Chestnut-winged Babbler  *Stachyris erythroptera*
One of the most common and conspicuous birds in the lowland rainforests of Borneo, its distinctive vocalisations were heard constantly and we had sightings almost daily.

238. **Bornean Striped Tit-Babbler**  *Macronous (gularis) bornensis*
Many seen in scrubby swamp forest on the Tempasuk Plain, Kota Belud; thereafter seen or heard daily along the Kinabatangan and its tributaries and in Danum Valley.

**NOTE:** Currently in the process of being split from Striped Tit-Babbler *M. gularis* from which it differs strikingly in both voice and appearance.

239. Fluffy-backed Tit-Babbler  *Macronous ptilosus*  NT
What a great name for a bird! Fantastic looks at this great bird along the entrance road in the Danum Valley.

240. White-browed Shrike-Babbler  *Pteruthius flaviscapis*
Another superb babbler seen well several times in the Crocker range and on Mt Kinabalu.

241. Brown Fulvetta  *Alcippe brunneicauda*  NT
Seen a few times in mixed flocks in the Danum Valley.

242. Chestnut-crested Yuhina  *Yuhina everetti*
One of the commonest birds at higher altitudes, we saw many large and mobile flocks in the Crocker Range and on Mt Kinabalu.

243. White-bellied Yuhina  *Yuhina zantholeuca*
Seen in the Crocker Range and several times in the Danum Valley.
244. Sunda Laughingthrush  *Garrulax palliatus*
   Common and conspicuous in mixed flocks on Mt Kinabalu.

245. Bare-headed Laughingthrush  *Garrulax calvus*
   By far the scarcest of the laughingthrushes on Borneo, nevertheless we saw as many four
   birds in one day together with a mixed flock on Mt Kinabalu.

   **NOTE:** Split from Black Laughingthrush *G. lugubris*.

246. Chestnut-capped Laughingthrush  *Garrulax mitratus*
   Very common in the Crocker Range and on Mt Kinabalu, where they form large and raucous
   mixed flocks with other laughingthrushes as well as various other species.

247. Bornean Whistler  *Pachycephala hypoxantha*
   Two seen nicely in the Crocker Range and in good numbers daily on Mt Kinabalu, where it is
   an unobtrusive bird of the midstorey.

248. White-vented Whistler  *Pachycephala momeyeri*
   We saw one bird well and heard a couple of others on Sipadan I. This is virtually the only
   site in the world for this rather drab small-island species.

249. Golden-bellied Gerygone  *Gerygone sulphurea*
   Several seen well in the Crocker Range and on Mt Kinabalu. Also heard in the forest in the
   Danum Valley.
   
   Also known as Flyeater.

250. Velvet-fronted Nuthatch  *Sitta frontalis*
   Six at Gunung Maas in the Crocker Range and two with two mixed flocks on Mt Kinabal
   (thanks Tod!) and three seen by Jim in the Danum Valley. A very dapper bird.

251. Plain Sunbird  *Anthreptes simplex*
   Many sightings in the Danum Valley.

252. Plain-throated Sunbird  *Anthreptes malacensis*
   Seen feeding at a flowering tree in the grounds of the Tanjung Aru Hotel and along the
   Kinabatangan. We rebaned this species the Maroon-throated Sunbird.

253. Red-throated Sunbird  *Anthreptes rhodolaema*  **NT**
   One male high in the canopy of a tall tree on the entrance road to BRL, Danum Valley.

254. Ruby-cheeked Sunbird  *Chalcoparia singalensis*
   Several great looks at this lovely bird along the Kinabatangan and its tributaries and in the
   Danum Valley.

255. Purple-naped Sunbird  *Hypogramma hypogrammicum*
   Several in the Danum Valley.

256. Purple-throated Sunbird  *Nectarinia sperata*
   One male seen by Tod, Noreen and Daphne at BRL, Danum Valley.
257. Olive-backed Sunbird  *Cinnyris jugularis*
   Likas Bay; Kota Belud; Tanjung Aru, Kota Kinabalu; Sipadan Island.

258. Crimson Sunbird  *Aethopyga siparaja*
   Great looks at two males by Brenda at Sukau Rainforest Lodge.

259. Temminck’s Sunbird  *Aethopyga temminckii*
   Fabulous and multiple views of this diminutive but spectacular gem daily in the Crocker Range and on Mt Kinabalu.

260. Little Spiderhunter  *Arachnothera longirostra*
   Ones or twos seen almost daily in the Crocker range, along the Kinabatangan and in the Danum Valley.

261. Long-billed Spiderhunter  *Arachnothera robusta*
   Good looks at one or more at flowering shrubs in the Danum Valley

262. Thick-billed Spiderhunter  *Arachnothera crassirostris*
   Essentially a leader only bird with one seen at BRL, Danum Valley.

263. Yellow-eared Spiderhunter  *Arachnothera chrysogenys*
   One or two seen nicely at a flowering shrub in the Danum Valley.

264. Grey-breasted Spiderhunter  *Arachnothera modesta*
   Ones and twos seen on several days in the Danum Valley.

265. Whitehead’s Spiderhunter  *Arachnothera juliae*
   This very scarce and outstanding endemic was sadly only heard and seen briefly in flight in the Crocker Range.

266. Yellow-breasted Flowerpecker  *Prionochilus maculatus*
   A smattering of great looking individuals in the Danum Valley.

267. Yellow-rumped Flowerpecker  *Prionochilus xanthopygius*
   One or two daily in the Danum Valley.

268. Orange-bellied Flowerpecker  *Dicaeum trigonostigma*
   Superb views of males near BRL, Danum Valley.

269. Black-sided Flowerpecker  *Dicaeum monticolum*
   Superb looks at the handsome male both in the Crocker Range and on Mt Kinabalu.

270. Scarlet-backed Flowerpecker  *Dicaeum cruentatum*
   Kota Belud area and Sandakan.

271. Black-capped White-eye  *Zosterops atricapillus*
   Recorded daily in good numbers in the Crocker Range and on Mt Kinabalu.

272. Everett’s White-eye  *Zosterops everetti*
   Singles seen in the Danum Valley.
273. **Mountain Blackeye** *Chlorocharis emiliae*
   Six on Mt Kinabalu; a rather interesting looking endemic.

274. **Ashy Drongo** *Dicrurus leucophaeus*
   Very common in the Crocker Range and Mt Kinabalu.

275. **Bronzed Drongo** *Dicrurus aeneus*
   Several along the BRL entrance road, Danum Valley.

276. **Hair-crested Drongo** *Dicrurus hottentottus*
   A common bird, invariably in mixed flocks, on Mt Kinabalu.

277. **Greater Racket-tailed Drongo** *Dicrurus paradiseus*
   Notably scarce in the Danum Valley.

278. **White-breasted Woodswallow** *Artamus leucorynchus*
   Very common in lowland, open areas.

279. **Bornean Bristlehead** *Pityriasis gymnocephala* **NT**
   Heard just once in the Danum Valley.
   **NOTE:** This species' affinities remain unclear but it is now believed to be most closely aligned with the Papuo-Australasian butcherbirds (*Cracticidae*).

280. **Crested Jay** *Platylophus galericulatus* **NT**
   Heard on our last morning in the Danum Valley.

281. **Black Magpie** *Platysmurus leucopterus* **NT**
   This is a great bird, not least because it possesses an extraordinarily beautiful song. Two seen well in the Danum Valley. A distinctive Bornean subspecies with no white in the wings and a short crest.

282. **Short-tailed Magpie** *Cissa thalassina*
   For such a spectacular and brightly coloured bird, this magpie is surprisingly difficult to see, however we were treated to several superb views of this species on Mt Kinabalu including one bird attempting to control a squirrel-sized hairy, brown caterpillar.

283. **Bornean Treepie** *Dendrocitta cinerascens*
   Seen and heard daily on Mt Kinabalu and in the Crocker Range.
   **NOTE:** Treated as a separate species from Sumatran Treepie *D. occipitalis*.

284. **Slender-billed Crow** *Corvus enca*
   Common in all lowland forest areas.

285. **Asian Glossy Starling** *Aplonis panayensis*
   Very common around all the cities and towns we passed through - Kota Kinabalu, Sandakan, Lahad Datu and Semporna.

286. **Crested Myna** *Acridotheres cristatellus* **Introduced**
   Likas Bay and the Tanjung Aru Beach Hotel.

287. **Common Myna** *Acridotheres tristis* **Introduced**
288. **Common Hill Myna** *Gracula religiosa*
    Several along the Kinabatangan and its tributaries and in the Danum Valley.

289. **Eurasian Tree Sparrow** *Passer montanus* **Introduced**

290. **Scaly-breasted Munia** *Lonchura punctulata*
    Several in the Kota Kinabalu and Kota Belud areas.

291. **Dusky Munia** *Lonchura fuscans*
    Common in all lowland areas.

292. **Black-headed Munia** *Lonchura malacca*
    Common to abundant in the grounds of our hotel at Tanjung Aru, Kota Belud area and Sandakan.

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**MAMMALS**

1. **Lesser Gymnure** *Hylomys suillus*
   Seen on two occasions as it shot across the trail on Mt Kinabalu

2. **Mountain Treeshrew** *Tupaia montana*
   Mt Kinabalu.

3. **Striped Treeshrew** *Tupaia dorsalis*
   Danum Valley.

4. **Malayan Colugo** *Cyanocephalus variegatus*
   Seen by Tod and Noreen on their private expedition to Sepilok.

5. **Slow Loris** *Nycticebus coucang*
   Despite that our last night safari was foggy and rather poor in species diversity our views of this wonderfully charismatic creature was more than ample compensation. Thank heavens for that amazing new spotlight!

6. **Western Tarsier** *Tarsius bancanus*
   Seen at very close quarters by Brenda and Horton as they made their way to dinner. Amazing stuff!

7. **Maroon Langur** *Presbytis rubicunda*
   This very attractive primate was seen regularly in the Danum Valley.

8. **Proboscis Monkey** *Nasalis larvatus*
   One of the most remarkable mammals of Borneo, this strictly riparian species is very common on the Kinabatangan River and we were treated to exceptional views of a huge male. The rest of the description I leave to Brenda ..........

9. **Long-tailed (Crab-eating) Macaque** *Macaca fascicularis*
   Crocker Range; Kinabatangan R.; Danum Valley.
10. Pig-tailed Macaque *Macaca nemestrina*
   Danum Valley.

11. **Bornean Gibbon** *Hylobates muelleri*
    A wonderfully charismatic animal whose calls are one of the most evocative of the Sundaic rainforests. Seen or heard daily in the Danum Valley.

12. **Bornean Orang-Utan** *Pongo pygmaeus*
    Wonderful sightings of totally wild animals in the Gomantong Forest Reserve and in the Danum Valley; remarkably we recorded a total of some ten individuals including a mother and very engaging youngster daily in the Danum Valley!

**NOTE:** The Bornean population is now treated as a separate species from that in Sumatra.

13. Pale Giant Squirrel *Ratufa affinis*
    Mt Kinabalu; Danum Valley.

14. Prevost’s Squirrel *Callosciurus prevostii*
    Sukau; Danum Valley. This species is also quite common on Peninsular Malaysia but it differs markedly in pelage from the nearly all black Bornean race.

15. Plantain Squirrel *Callosciurus notatus*
    Common in the Crocker Range and around Kota Belud area.

16. **Ear-spot Squirrel** *Callosciurus adamsi*
    Two individuals seen very nicely on Mt Kinabalu.

17. **Bornean Black-banded Squirrel** *Callosciurus orestes*
    Mt Kinabalu

18. Horse-tailed Squirrel *Sundasciurus hippurus*
    Very good views of this handsome species in Kinabalu Park.

19. **Jentink’s Squirrel** *Sundasciurus jentinki*
    Crocker Range; Mt Kinabalu.

20. **Whitehead’s Pigmy Squirrel** *Exilisciurus whiteheadi*
    One of these wonderful animals with those amazing ear tufts seen nicely on Mt Kinabalu.

21. Plain Pigmy Squirrel *Exilisciurus exilis*
    One seen by Daphne and others in the Danum Valley.

22. **Thomas’s Flying Squirrel** *Aeroromys thomasi*
    Great looks at four individuals, Danum Valley

23. Giant Red Flying-Squirrel *Petaurista petaurista*
    Two latter on the same evening we saw the four Thomas’s GFS, Danum Valley.

24. **House Rat** *Rattus rattus*
    One at the entrance to BRL, Danum Valley.
25. Smooth Otter *Lutra perspicillata*
   Thanks to some brilliant spotting by Remi we all enjoyed incredible views of two adult males rolling in the mud at the edge of the mangroves between Sandakan Bay and the entrance to the Kinabatangan River.

26. Malay Badger *Mydaus javanensis*
   The distinctive and pungent odour of this species was smelt in the Gomantong Forest Reserve.

27. Malay Civet or Tangalong *Viverra tangalunga*
   Several en route to the Danum Valley.

28. Common Palm Civet *Paradoxurus hermaphroditus*
   One near the Segama River en route to the Danum Valley.

29. Small-toothed Palm Civet *Arctogalidia trivirgata*
   Great looks at one in the forest midstorey, Danum Valley.

30. Banded Palm Civet *Hemigalus derbyanus*
   Fabulous views of this very distinctive creature as it strolled across the road en route to Danum Valley.

31. Marbled Cat *Felis marmorata*
   One seen less than perfectly along the Menaggal River.

32. Leopard Cat *Felis bengalensis*
   Several incredible views of this gorgeous animal along the banks of the Menanggal River and en route to and with the Danum Valley.

[Bornean Pygmy Elephant *Elaphas maximus borneensis*
   Despite ample evidence of their very recent presence we sadly missed this one by probably about four hours - grrr]

33. Bearded Pig *Sus barbatus*
   Seen daily in the Danum Valley.

34. Lesser Mouse Deer *Tragulus javanicus*
   Several good looks in the Danum Valley.

35. Greater Mouse Deer *Tragulus napu*
   Exceptional views of one that stood in the middle of the entrance road to BRL, Danum Valley.

36. Bornean Yellow Muntjac *Muntiacus atherodes*
   Surprisingly heard just once in the Danum Valley.

37. Sambar Deer *Cervus unicolor*
   Danum Valley.

38. Wrinkle-lipped Bat
   Thousands in the Gomantong Cave.
39. **Sei Whale** *Balaenoptera borealis*
   *One off Sipadan I.*

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### HERPS.

1. **Estuarine or Saltwater Crocodile** *Crocodylus porosus*
   Kinabatangan and its tributaries.

2. **Salvator's Water Monitor** *Varanus salvator*
   Kinabatangan and its tributaries; Danum Valley.

3. **Varanus bengalensis**
   Kinabatangan and its tributaries; Danum Valley.

4. **Flying Lizard** *Draco melanopogon*

5. **Comb-crested Lizard** *Gonocephalus liogaster*
   Danum Valley.

6. **Forest Gecko**
   Danum Valley

7. **House Gekko** *Hemidactylus frenatus*

8. **Rough-scaled Brown Skink** *Mabuya rudis*
   Danum Valley.

9. **Mangrove Snake** *Boiga dendrophila*
   Teningau River.

10. **Blood Python** *Python curtus*
    Menaggal River

11. **Rat Snake**
    Danum Valley
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