

MALAYSIA

5/2- 10/3 2001

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This trip was foremost done because of a course in tropical ecology given by Umeå University in Sweden. The course was undertaken during the timeperiod of 9-21 February, in the province of Sabah, the northern parts of the island of Borneo. During this period the birdwatching part wasn't very extensive. From the 22nd and onwards most of the time were spent in search of birds, especially endemic ones.

During the time period of 5/2 – 5/3 I was in the state of Sabah and between 6-10/3 I was on the Peninsula, mostly at Fraser's Hill.

This was my first trip to Southeast Asia, so because of my lack of experience, especially of bird sounds, on this regions avifauna, surely I've missed a lot of birds. So my record of 219 bird and 30 mammal species, are in the lower ranges of what you could expect to see, on such a trip.

Geography

Malaysia is situated in Southeast Asia, just north of the equator. It's a union of thirteen states. Two of those (Sabah & Sarawak) are situated on the island of Borneo and the rest on the Malay Peninsula. The states on Borneo are often referred to as East Malaysia and the Peninsula states as West Malaysia.

Climate:

In the lowland areas the climate is very hot and humid. Most days the temperature lied around +30° C and the humidity were a bit over 90. The highland climate (esp. Mount Kinabalu) was much cooler, around +20-25°. If you are going to climb Mt. Kinabalu, it can be wise to bring some warm clothing, because the morning temperature at the top can be extremely cold (quite warm on my trip, +10°C in the morning!).

During my visit there wasn't any extreme amount of rain falling, but you should expect some rain showers almost every day.

The climate on the Peninsula seemed to be as that on Borneo. Warmer in the lowland parts (e.g. Kuala Lumpur) and cooler at the higher parts (e.g. Fraser's Hill).

People:

About the population I've only one thing to say and that is friendly. I think you have to search for a long time before you can find friendlier people than this. These words are especially for those living in Sabah. I visited the Peninsula a little to short to draw any conclusions, but the people also seem to be friendly here.

During the whole of the year 2000, they had, in Kota Kinabalu, only 4 reported crimes directed towards tourists, and non-of them were violent!

Most people speak English quite well, so I didn't have any big problem communicating.

Visas & permits: For Swedish citizens you do not need a visa for a visit shorter than 3 month. According to *Lonely Planet's guide to Malaysia, Singapore & Brunei* (pp. 62-63) citizens of Great Britain, Ireland, Switzerland and the Netherlands do not need a visa to visit Malaysia. Citizens of Austria, Belgium, Denmark, Finland, Germany, Italy, Norway and the USA do not require a visa for a visit shorter than 3 month. Citizens of

France do not need a visa for a visit shorter than 1 month. Israeli citizens are not allowed to enter Malaysia. To be sure on the requirements I recommend you to check with the Malaysian authorities prior to your visit.

Money: Ringit (RM) is the name of the Malayan currency. Exchange rates in February 2001...

RM1 = 2.62 SEK (Swedish Crown)
1USD = 3.67 RM



Vaccine and health: For Swedish citizens following vaccinations were recommended: malaria profylax (Iariam), Japanese encephalitis (if staying more than 3 weeks), hepatitis A, Polio (if you don't all ready have a life long protection), cholera (dukoral) and Typhoid.

During my five-week stay in Malaysia, I didn't have any stumack problems at all! I don't know if I have an iron stumack, but Malaysia seemed fairly clean in terms of bacteria.



Photography: To my mind very difficult, especially in the jungle, were you mostly have to use a flash. Slide film is available for example in shopping malls at K.K., but it's not that cheap. One film cost RM19. This price didn't include development.



Food: Fairly good and reasonably cheap (RM20/day). If you get tired on the local cuisine, you can always go to McDonalds, Burger King or Pizza Hut (little more expensive though).



Computer: According to *Lonely Planets guide over Malaysia, Brunei and Singapore*. There are only two Cyber cafes, in Kota Kinabalu, Sabah, and it costs about RM10-RM15/hour to use. It must have happen a lot since then it seems. There were many places where you could use a computer, and it costs only between RM2-RM4/hour to use. Although I should say, many of these places were a little bit noisy. It's fun to play computer games at it's highest volume! I also noted Internet coffe shops at many other places; they had even one, just outside the gates to Poring Hot Springs.

Address: Sabah

Kinabalu Nature Resorts SDN. BHD.
Lot 3.46 & 3.47, 3rd Floor, Block C
Kompleks Karamunsing, 88300 Kota Kinabalu, Sabah
Tel.: 6-088-243629, 245742, 257214, 255634; Fax: 6-088-242861, 242862
e-mail: nature@kinabalu.net, Website: <http://www.nature.kinabalu.net/>

Fraser's Hill

Nature Education Center
World Wide Fund for Nature Malaysia
49000 Fraser's Hill
Pahang Darul Makmur, Malaysia
Tel/fax: 09-362 2517
Website: fh nec.cjb.net
e-mail: durefh@hotmail.com

Literature

Field guides – Birds:

Field guide to the birds of Borneo, Sumatra, Java and Bali (MacKinnon & Phillips).✓

Field guide to the birds of West Malaysia and Singapore (Jeyarajasingan & Pearson).✓

Identification guide to the birds of Southeast Asia (Robson, Byers, Lewington m. fl.).

A guide to the birds of Thailand (Lekagul & Round).

And there is also (and more keep coming) many books written about special bird groups, which can come in handy, during a trip to Malaysia. These are: **The Hornbills** (Kemp), **Kingfishers, Bee-eaters & Rollers** (Fry & Harris), **Nightjars**, with CD (Cleere & Nurney), **Owls**, with CD (Köning & Becking), **Pittas, Broadbills & Asities** (Lambert), **Rails** (Tylor), **Shorebirds** (Hayman, Marchant & Prater) and **Swifts** (Chantler & Driessens) and many many more!

Field guides – Others:

Field guide to the mammals of Borneo (Payne m. fl.).✓

Field guide to the frogs of Borneo (Inger & Stuebing).✓

Field guide to the snakes of Borneo (Stuebing & Inger).

Sounds:

Jungles of Borneo (Bruckert).✓

Birdguides:

Birdwatcher's guide to Malaysia (Bransbury).✓

Travel reports:

Malaysia, juli 1997 (Mikael Käll / AviFauna).

Many travelreports can also be found on following internet addresses:

<http://www.crosswinds.net/~birdtrips/TripReports.html>

<http://club300.se/resedatabas/default.cfm>

<http://www.bsc-eoc.org/links/>

<http://www.websurf.net.au/~susan/sabah.htm>

http://worldtwitch.virtualave.net/malaysia_hornbuckle.htm

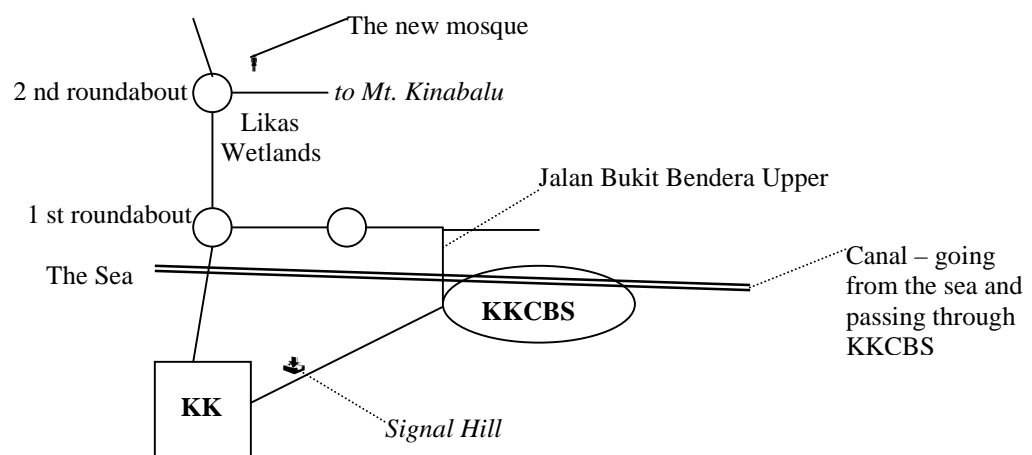
✓ = I used these items before, during and after my trip to Malaysia + a lot of travel reports.
I would here also thank all those who kindly put their reports on the net, for everyone to use.

Visited localities:

Sabah:

In the vicinity of the capitol Kota Kinabalu, I visited *Tunku Abdul Rahman* (TAR) this is a couple of islands just off K.K. It takes about 40 minutes to get there and it costs only about RM10. Just go to the marina and some one who will take you to the island of your choice will soon pick you up. During my visit in Sabah I visited three of the islands: Manunkan, Sapi and Solok. The bird fauna is not very extensive on either of the islands. But Manunkan (the second biggest island), at least, is a must if you would like to come in contact with **Tabon Scrubfowl**. Here you can also see species like **Grey Imperial-pigeon**, **Mangrove Whistler** and **Mangrove Blue-flycatcher** to name a few. If you like snorkelling I would recommend Sapi or if you just want some peace and quiet, Solok.

Likas Bay is one other of the known localities that I visited, but I did not like this place because of the closeness to the highway. You literary walked and birdwatched from this road and once life was always in danger of the heavy traffic. Any way to get there take a Taksi to the new mosque, about 4 km north of the town and then start to walk back towards K.K. The pond closest to the mosque is supposedly the best. The Taksi ride costs RM7. I strongly recommend not walking the whole way back to K.K. Take one of the many Bas mini instead. On my visit I saw lots of **herons** (7 different species), **Purple Swamphen**, **Eastern Great Reed Warbler** and more. The most numerous bird was **Common Moorhen**. A better alternative to Likas Bay is **Kota Kinabalu City Bird Sanctuary** (KKCBS), which was completely unknown to me before my trip. Like Likas it's also situated just north of K.K and it was designed as a sanctuary as late as 1996, and mostly consists of an area of mangrove. To get there you have to take a Taksi (RM7) to a road called Jalan Bukit Bendera Upper, hopefully the driver knows were it is. In KKCBS you have an extensive wooden trail system, with hides and so on. Almost all the birds that I saw at Likas was also seen here, and a couple of others I only saw at KKCBS (e.g. **Striated Grassbird**, **Blue-breasted Quail**, **Pacific Golden Plover**, **Pink-necked Green-pigeon** and more).



Mount Kinabalu reaches for the sky just 90 km north of K.K., it's a very impressive sight and what's even more impressive is that I made it to the top! On my Sabah visit I staid at three different locations around the mountain; Kinabalu Park (GK); Poring Hot Springs (PHS) and Mesilau. I had booked all my accommodations prior to my visit through Kinabalu Natur Resorts SDN. BHD. To my mind it doesn't seem necessary to make the reservations before you get there, but if you are in a bigger group it may be wise to do so any way, especially if your going to GK and Laban Ratan. Kinabalu Natur Resorts are handling all the bookings & reservations for TAR, GK, Laban Ratan, Mesilau and PHS (se address above). If you're visiting Sabah, Mount Kinabalu is a must. The flora and fauna is incredible, for example there is almost 2000 species of orchids, many species of mammals and birds and so on. What's even better is that much of these organisms are endemic. They do not exist anywhere else in the World! Many books have been written about this place, so I shall not start writing one other.

To get to Mount Kinabalu you can easiest take a bus from K.K. It probably will cost you somewhere around RM15. Once in place at Kinabalu Park you could ask the staff to arrange a transfer to any of the other places around the mountain. It's a little more expensive.

GK has an extensive trail system, so you should, if you want to se much, stay about a week. This should also include a walk up to Laban Ratan, for the more highliving jewels (If you are in a bad shape you might take two weeks, because the climb will take it's price!).

Mesilau has about the same bird species as GK, it's a little more expensive, but you are almost alone! During my visit, there was only 4 or 5 other visitors in the whole complex (about 100-200 beds!). Of the endemics I saw **Bornean Stubtail**, **Mountain Wren-babbler**, **Chestnut-crested Yuhina**, **Bornean Treepie**, **Mountain Blackeye**, **Golden-naped Barbet** and **Bornean Whistler**, at this site, so it seems to be a good alternative to GK. One of the big negative things is that this place does not have a very extensive trailsystem like GK. Only 3 or 4 short ones! I only stayed for one evening and one morning, and that I thought, was enough.

PHS lies a little bit from the town of Ranau. It lies on the foot of Mt. Kinabalu. It's famous for its Hot Springs. It has one long trail which goes to a waterfall, Langanana, and it also has a canopy walk (be noted that you have to pay extra entrance fee if you have a camera!). One of the target species at PHS is the endemic **Blue-banded Pitta** and if you are lucky, you might even see the likewise endemic White-fronted Falconet. I managed to hear the Pitta at the bamboo-forest along the Langanan-trail. But the Falconet, did not wish to show it self!

Danum valley (DV) is one of the best places to see real rainforest on Borneo. To get there you have to take a bus or a flight to the town of Lahad Datu. If you take the bus across Sabah, you should know that it takes a very long time. Sabah is not very big, but their buses are... not very fast up hill. A better way is to fly, it's reasonably cheap and Malaysian airlines seem to have many flights going to this destination (about RM105). From Lahad Datu you will have to take the only bus that goes in to these regions. As a tourist you have to stay at the Borneo Rainforest Lodge, it's much more expensive than the field center, but this place does no longer take visiting tourists. You have to have a special permit. To my knowledge there is about the same species that you can see at these both locations. If you're lucky even a couple of endemic birdspecies. You can also see Orang utan, flying squirrels and much more. For leeches see separate text below!

Sungai Kinabatangan / Sukau (K/S): To get to K/S we took a longdistance bus to Sandakan (RM30) from here we hired a bus with a driver to take us to Sukau (RM15/pers; we were at this point 14 persons). After having been driving a couple of km on to the last bit of road to Sukau. The driver did no longer want to drive on the road. To the point is that it was a very, very bad road, with deep potholes in it. The last bit we went with a big oilpalm-lorry. We paid him a couple of RM, when we were in place. At Sukau we stayed at Tomangong B&B (RM20/bed & night). We took two boat trips, to a price of RM50/boat & trip.

By doing everything on our own, we managed to cut down our expenses, with nearly RM200/pers. They have ready package trips that you can buy while you are in K.K.; it will cost you a lot of money. But maybe a Storm's Stork is worth it. Although I didn't see that species only Proboscis.... And they were not very good looking!

West Malaysia:

The only birding site I stayed on while being on the Peninsula was *Fraser's Hill (FH)*, north of the capitol Kuala Lumpur (KL). To get there by bus you will have to go to platform 21 or 22 at Pudu Raya terminal in China town, KL. Take bus 66, which passes through Kuala Kubu Bharu (KKB). From KKB you have to take the Bukit Fraser (or Fraser's Hill) bus. This bus departs twice daily at 8.00 (and returns from FH at 10.00) and 14.00 (returns from FH at 16.00) [NOT THE SAME TIME AS THOSE GIVEN BY BRANSBURY in *A birdwatcher's guide to Malaysia!*] The busride from KL to KKB takes about 2-3 hours and from KKB to FH about 1,5 hours.

If you have your own rental car you should know that the last couple of km, from the Gap to FH, is on a very narrow road, and you can only drive up to FH on odd hours and down from FH at even hours. A new road where cars can drive down is under preparation (almost ready but not yet open for traffic). This road is called the new Gap road in this report, and it has a lot to offer in terms of birds. This road departs from Jalan Quarry near Fraser's Pine Resort.

In KL I also visited the Lake Gardens. A nice green area, almost at the heart of KL. Here I saw some nice birds like **Blue-tailed Bee-eater**, **Striated Heron**, **Common Koel** and more. In the area they also have a very big bird park, with a couple of Malayan bird species.

Endemic:

Borneo has a fascinating bird fauna. According to MacKinnon & Phillipps (1993) Borneo has 358 bird species and 37 of these are endemic to the island. Most of them are montane, living on higher altitudes, for example on Mt. Kinabalu in Sabah.

On my Malaysian trip I hoped to see some of these endemic birdspecies. My goal was to see between 15 and 20 of them. I managed to see and hear a total of 15. All the Bornean endemics are listed below and those seen by me have been marked with red letters.

Mountain Serpent Eagle *Spilornis kinabaluensis*
White-fronted Falconet *Microhierax latifrons*

Red-breasted Partridge *Arborophila hyperythra*
Crimson-headed Partridge *Haematortyx sanguiniceps*

Bulwer's Pheasant *Lophura bulweri*
 Bornean Peacock-pheasant *Polyplectron schleiermachersi*
 Dulit Frogmouth *Batrachostomus harterti*
 Whitehead's Trogon *Harpactes whiteheadi*
 Mountain Barbet *Megalaima monticola*
 Golden-naped Barbet *Megalaima pulcherrima*
 Bornean Barbet *Megalaima eximia*
 Hose's Broadbill *Calyptomena hosii*
 Whitehead's Broadbill *Calyptomena whiteheadi*
 Blue-banded Pitta *Pitta arquata*
 Blue-headed Pitta *Pitta baudii*
 Black Oriole *Oriolus hosii*
 Bornean Treepie *Dendrocitta cinerascens*
 Bornean Bristlehead *Pityriasis gymnocephala*
 Black-browed Babbler *Malacocincla perspicillata*
 Bornean Wren Babbler *Ptilocichla leucogrammica*
 Black-throated Wren Babbler *Napothera atrigularis*

Mountain Wren Babbler *Napothera crassa*
 Chestnut-crested Yuhina *Yuhina everetti*
 White-browed Shama *Copsychus stricklandi*
 Black-breasted Fruit-hunter *Chlamydochaera jefferyi*
 Everett's Thrush *Zosterornis everetti*
 Bornean Stubtail *Urosphena whitheadi*
 Kinabalu Friendly Warbler *Bradypterus accentor*
 Bornean Blue Flycatcher *Cyornis superbus*
 Bornean Whistler *Pachycephala hypoxantha*
 Bornean Spiderhunter *Arachnothera everetti*
 Whitehead's Spiderhunter *Arachnothera juliae*
 Yellow-rumped Flowerpecker *Prionochilus xanthopygius*
 Black-sided Flowerpecker *Dicaeum monticulum*
 Pygmy White-eye *Oculocincta squamifrons*
 Mountain Black-eye *Chlorocharis emiliae*
 Dusky Munia *Lonchura fuscans*

According to Jeyarajasingam & Pearson (1999) some 648 bird species have been noted on the Peninsula Malaya. Of these only three are endemic to the area (all montane). I saw none, on this trip.

Malaysian Hill-Partridge *Arborophila campbelli*
 Malaysian Peacock-pheasant *Polyplectron malacense*

Malaysian Whistling-Thrush *Myiophonus robinsoni*

ITINERARY – MALAYSIA 5.2-10.3 2001

- 5-6 Feb. I travelled with British Airways from Stockholm via London to Kuala Lumpur (KL). From KL to Kota Kinabalu (K.K.) I travelled with Malaysian Airlines. After having been travelling for about 17 hours I was finally in K.K., the capital of the province Sabah on the island of Borneo, a couple of minutes before 24.00 (local time). Which is +8 from GMT.
- 7 Feb. **K.K.:** Birdwatching in and around K.K. Among others: Lesser Frigatebird, White-bellied Sea-eagle, Spotted Dove, Glossy Swiftlet, Brown Shrike.
- 8 Feb. **K.K. and Likas Bay:** Morning at LB gave among others 7 species of herons, Brambling Kite, Eastern Great Reed Warbler, White-breasted Wood-Swallow.
- 9 Feb. **K.K.:** A fever and a cold did not make my species list much longer. Coarse start.
- 10 Feb. **Tunku Abdul Rahman (TAR):** Visited the island Palau Sapi in the TAR archipelago. Snorkelling. Among others: Black-naped Tern, Common Iora, Grey-rumped Treeswift and also Long-tailed Macaque. Palau Sapi is probably one of the better islands for snorkelling, although not many birds.
- 11 Feb. **K.K. to Gunung Kinabalu (GK):** A three-hour drive. Among others I saw three endemic bird species at GK (Bornean Treepie, Golden-naped Barbet and Black-sided Flowerpecker).
- 12 Feb. **GK:** Climbed the Summit trail up to Laban Ratan. Chestnut-crested Yuhina, Mountain Blackeye, Flavescent Bulbul, Sunda Bush-warbler and Mountain Leaf-warbler. Although not that many birds seen on the climb. The Bornean Mountain Ground Squirrel was common along the trail.
- 13 Feb. **GK:** Early morning and climbed the last bit up to Low's Peak at 4095m. Then down to GK HQ again. Missed the Kinabalu Friendly Warbler because of my guide telling me that this species did no longer exist in the Laban Ratan area. This was of course not true according to some Belgian birders who had seen a couple in that area. My non-existing knowledge on the areas bird sounds was starting to show! As a birdwatcher I would not recommend the last climb up to Low's Peak, because of the lack of

birds. Although it was a magnificent view from the top. Summit Rat was a new friendship at Low's Peak. Not many new bird species were seen.

- 14 Feb. **GK:** Walked Liwagu trail inspite of an incredible leg pain after yesterday's climb and rain! Not much was seen or heard during the walk. Orange-backed and Checker-throated Woodpecker, Short-tailed Magpie, Hill Blue-flycatcher, Little Pied Flycatcher and Mountain Tailorbird. Also seen was a beautiful example of Brook's Birdwing (Butterfly).
- 15 Feb. **GK to Danum Valley Field Center (DVFC):** Long drive about 300 km in about 8 hours! The roads are mostly great, but the buses are not very fast up the hills. Many raptors (at least five different species) seen during the drive, could not confirmly be identified. It would have been nice if the bus driver could have stopped for every raptor! A couple of Collared Kingfishers were seen during the drive.
- 16 Feb. **DVFC:** Walked the Nature trail in poring rain. Along the trail we had also our first encounters with the leeches. Among others: Great Argus, Raffle's Malkhoa, Silver-rumped Swift (became on of my favourite bird), Rhinoceros and Asian Black Hornbill, Lesser and Greater Green Leafbird, Grey-breasted and Spectacled Spiderhunters. During a night drive along the DVFC road we managed to se Buffy Fish-owl, Red Giant Flying Squirrel and Sambar Deer.
- 17 Feb. **DVFC:** Looking at the primary rainforest along the Rhino trail. Among others: Crested Fireback, Garnet Pitta, Hairy-backed Bulbul, White-rumped Shama. Also in the DVFC area: Dollarbird, Asian Fairy Bluebird, Slender-billed Crow, Black Magpie and Dusky Munia. Of Mammals we saw Prevost's Squirrel, Bearded Pig and large unidentified bats. At night also frog watching and we managed to catch four different species *Rana nicobariensis* (Cricket Frog), *Rhacophorus fasciatus*, *Rh. nigropalmatus* and *Rh. harrissoni* (Brown Tree Frog).
- 18 Feb. **DVFC:** Looking at the secondary rainforest along the DVFC road, a few km away from the field station. Among birds seen in the DVFC area were: Striated Heron, Crested Serpent Eagle, Large Woodshrike, Straw-headed Bulbul. Of mammals we managed to se Orang utan (female with one young) and at night the personnel at the station found one Binturong (or Bearcat) high up in a tree in the field station area. One Atlas Moth and a few gigantic Three-horned Rhinoceros Beetles were seen flying towards the light at the station.
- 19 Feb. **DVFC:** Driving around the Danum Valley area all day, looking at different logging techniques. In the DV they have used especially two different ways to cut down the forests. The conventional (= clear cutting huge areas of forest) and Low-impact (= they are trying to do as little harm on the forest as possible). In the later you couldn't see that trees had been taken, so if the trees has to be cut down the best way to maintain a high diversity is to use the Low-impact strategy. We also visited the canopy walk at the Borneo Rainforest Lodge (BRL). A lot of beautiful sceneries were given during the day. Among birds seen: Great Argus, Red-billed Malkoha, Large-tailed Nightjar, Green Iora, Asian Brown Flycatcher and Tawny-breasted Parrotfinch. According to the Field guide, the last species should not occur in these parts of Borneo! Of mammals we managed to see Red-leaf Monkey and Orang utan. When we were back at the DVFC I was told that a pair of White-fronted Falconet had been in the area all day. They could not be found the following day to my disappointment. At night we did an other night drive along the DVFC road and saw Red-giant Flying Squirrel (6-7), Slow Lori (1), Red-leaf Monkey (1), Bornean Red Muntjak (1), Sambar Deer (1) and a Small-toothed Palm Civet.
- 20 Feb. **DVFC to K.K.:** Morning at the field station then a drive to Lahad Datu and a flight to K.K. Morning at DVFC gave White-browed Shama, Lesser Coucal and Crimson Sunbird. While waiting at the flight at Lahad Datu airport I did some birding in the vicinity and saw: Pacific Golden Plover (10), Richard's Pipit (at least 2 of a local race), Brahminy Kite and a couple of Cattle Egrets. I also had a fast observation on a bird, which I think was a Striated Grassbird.
- 21 Feb. **K.K.:** In the morning we went to an area of Mangroves, between K.K. and Likas Bay. This area is called Kota Kinabalu City Bird Sanctuary (KKCBS). The Tropical Ecology Course was to an end. I went back to the area again after dinner. Birds that were seen: 7 different species of herons, Crested Honey Buzzard, Black Kite (according to the Field guide a rare bird on Borneo!), Blue-breasted Quail, Pacific Golden Plovers, Pink-necked Green Pigeon, Common and Collared Kingfishers, Striated Grassbird and much more.

- 22 Feb. **TAR:** A day of rest, spent on the island of Palau Sulug. Among birds seen were Great Crested-tern and Mangrove Whistler. On the island also three different Water Monitor Lizards.
- 23 Feb. **K.K. to Sukau at Kinabatangan (K/S):** A day transportation to Sukau with some of my friends from the course. The busdrive to Sandakan was pleasant, but that is not what you could call the last few km to Sukau. A real dirtroad with big holes in it. The driver who we originally had hired refused to drive all the way to Sukau! So we had to arrange new transportation the rest of the way. Some of us had to travel on the platform to an "oilpalm-lorry". For us who went with the lorry this became a real memory. I don't think I've never jumped as high as I did when the lorry swooped over the holes in the road. Not many birds were seen along the road.
- 24 Feb. **K/S:** Two boat rides were made, one in the morning and one in the evening. A lot of birds were seen among those: Oriental Darter, Lesser Fish-eagle, Long-tailed Parakeet, Stork-billed and Black-capped Kingfishers, 5 species of Hornbills, Grey-and-Black and White-bellied Woodpeckers, Black-and-Red Broadbill and Hill Myna to name a few. I did not see any signs of Storm's Stork, although the guide in an other boat, then mine had told the passengers in that boat that "some birds they saw were Storm's Stork..." sour said the fox...! Supposedly these lucky bastards (none of them is a birdwatcher!) saw 1+4 of these most wanted birds. The Proboscic Monkey was a very easy animal to see. Of Mammals we also saw Pig-tailed and Long-tailed Macaque and also Orang utans (3). We also saw a small example of the Reticulated Python.
- 25 Feb. **K/S to Poring Hot Springs (PHS):** Alone to PHS. Took a long walk to see a couple of Rafflesia blooming (World's biggest flower) in the area. This was not true though. To my disappointment I was shown just two buds. The walk was not completely in vain because in the area were two beautiful Blue-throated Bee-eaters. Also seen was a Buff-rumped Woodpecker.
- 26 Feb. **PHS:** Walked the Langanan trail in hope of seeing the Blue-banded Pitta. Although I could only hear it's call. Also noted along the walk were Great Argus, Red-billed Malkoha, Mountain Barbet, Black-and-Yellow Broadbill, Blue-winged Leafbird, Dark-throated Oriole, White-browed Shama, Black-naped Monarch. Of Mammals I noted a beautiful Malay Weasel. I also noted one example of Brook's Birdwing.
- 27 Feb. **PHS to Mesilau:** Morning in the vicinity of PHS. Walked the canopy walkway, which did not give much. Among the birds seen at PHS this morning, following can be mentioned: Grey-headed Flycatcher, Asian Brown Flycatcher (2; probably of two different races), Bornean Spiderhunter and Little Spiderhunter (one smashed in to the window at the restaurant). Evening at Mesilau gave Grey-chinned Minivet, Black-and-crimson Oriole, Velvet-fronted Nuthatch and Grey Wagtail.
- 28 Feb. **Mesilau to GK:** Morning at Mesilau gave Bornean Stubtail, Mountain Wren-Babbler, Bornean Whistler, Sunda Cuckoo-Shrike, Scarlet Sunbird to name a few. In the afternoon I moved to GK in hope to see all the endemic birdspecies which I had missed on my first visit during the course. Birds seen here included Snowy-browed, Rufous-chested and also Blue-and-white Flycatcher.
- 1 Mar. **GK:** Walked many of the trails and found Whitehead's Broadbill along the Kiau-view trail. Also seen during the day were Ochraceous Bulbul. Of Mammals I managed to see one Giant Squirrel and Bornean Black-banded Squirrel to name but a few.
- 2 Mar. **GK:** Walked many of the trails and found Whitehead's Trogon at the upper half of Silau-Silau, a splendid male. Also seen during the day were White-browed Shrike-babbler, Short-tailed Magpie and one Eye-browed Jungle-Flycatcher.
- 3 Mar. **GK:** Walked the Liwagu trail and saw among others Bornean Stubtail and Whitehead's Broadbill. I also saw one example of Brook's Birdwing, almost at the same place as on my first observation.
- 4 Mar. **GK:** Walked the Silau-Silau in hope to see the Everett's Thrush, which I did not. I also walked a couple of other trails and the only noteworthy were; Mountain Imperial Pigeon, Maroon Woodpecker and a couple of Dark-sided Flowerpeckers. To the mammalian list I managed to add Kinabalu Squirrel. Left GK in the afternoon for K.K.

- 5 mar. **TAR:** Visited Palau Manunkan in hope to find the Tabon Scrubfowl, which I also did. I saw two birds and heard a few more. Also seen were Grey Imperial Pigeon and Mangrove Blue-Flycatcher to name a few.
- 6 mar. **K.K. to KL:** Took an early morning flight to KL, and spend the day, among others, in the Lake Gardens. Bird seen: Painted Stork (probably from a free flying population at National zoo), Zebra Dove, Common Koel, White-throated Kingfisher, Blue-tailed Bee-eater, Black-naped Oriole and House Crow. The bird fauna differs a lot between the mainland and Borneo.
- 7 mar. **KL to Fraser's Hill:** Took the bus from KL to the town Kuala Kubu Bahru, from where the bus to Fraser's Hill departs. Managed to take the afternoon bus (at 14.00). Among birds seen at FH, in the afternoon, were Crested Honey Buzzard, Pacific Swift, Fire-tufted and Black-browed Barbet, Green Magpie, Large-billed Crow, Golden Babbler, Long-tailed Sibia, Silver-eared Mesia, Black-throated Sunbird and Streaked Spiderhunter. Of Mammals I saw Long-tailed Macaque and Spectacled Leaf Monkey.
- 8 mar. **FH:** Of birds seen this day, following can be mentioned: Little Cuckoo-Dove, Greater Yellownappe, Speckled Piculet, Long-tailed Broadbill, Asian House-Martin, Malaysian Cuckoo-Shrike, Orange-bellied Leafbird, Mountain Bulbul, Blue-winged Minla, Mountain Fulvetta, Verditer Flycatcher and Large Niltava. Mammals: Siamang could be heard and Three-striped Ground Squirrel was seen.
- 9 mar. **FH:** Walked a few km down on both the old and the new Gap road. Among the more noteworthy species were Green-billed Malkoha, Red-rumped Swallow (of the local race *H. d. badia*), Black-crested and Stripe-throated Bulbuls, Blue Nuthatch, White-bellied Yuhina, Slaty-backed Forktail, Dark-necked Tailorbird and Buff-bellied Flowerpecker.
- 10 mar. **FH to KL than flight home:** Took the morning bus from FH and spent my last couple of hours, in the country, in KL. The only new species at FH was Chestnut-crowned Laughingthrush who had managed to be invisible to me the days before. In KL, on the netted roof to the birdpark, I noted one Chinese Pond Heron. If this was a wild bird, drawn to the park by the inmates, or just one that had managed to escape, is not known to me. The only real question is if this bird is tickable or not!?
- 11 mar. **Home in cold Sweden again.**

Lists of birds, mammals and more, seen on the trip to Malaysia 5/2-10/3 2001.

In this report I've followed the systematics given in *Handbook of the Birds of the World* vol. 1 to 6 (del Hoyo et al 1990-2001) and *A field guide to the Birds of West Malaysia and Singapore* (Jeyarajasingam & Pearson, 1998). Also the English birdnames follows these sources. For some species I've also given, inside brackets, other commonly used English names. For some species I've also given the Swedish name. These names follow the official Swedish list for Holarctic Birds (Kjellén & Olsson (eds.) 1995; *Holarktis fåglar*. Vår fågelvärld, supplement 23). For the Mammals the systematic follows Payne et. al. (1985; *A field guide to the Mammals of Borneo*).

To reduce the space used, I've used following shortenings in the text:

S	Sabah (Borneo)	M	West Malaysia (=Peninsula Malay)
K.K.	Kota Kinabalu	TAR	Tunku Abdul Rahman
KKCBS	- " - City Bird Sanctuary	GK	Kinabalu Park
PHS	Poring Hot Springs	K/S	Kinabatangan / Sukau
DVFC	Danum Valley Field Center	BRL	Borneo Rainforest Lodge (Danum Valley)
FH	Fraser's Hill	KL	Kuala Lumpur

Birds / Fåglar:

⁰⁰¹ ORIENTAL DARTER *Anhinga melanogaster*
S: Seen only at Kinabatangan, were it seems to be common. At least 30 were counted in one single tree, at dusk on the 24/2.

⁰⁰² LESSER FRIGATEBIRD / MINDRE FREGATTFÅGEL
Fregata ariel
S: Two seen off K.K. on the 7/2.

⁰⁰³ GREY HERON / GRÅHÄGER *Ardea cinerea*
S: Only seen at Likas Bay were at least 5 could be counted on the 8/2.

⁰⁰⁴ PURPLE HERON / PURPURHÄGER *Ardea purpurea*
S: Common at Likas Bay and at KKCBS. At least 5 were also seen at K/S on 24/2.

⁰⁰⁵ LITTLE HERON (STRIATED HERON / GREEN-BACKED HERON) / GRÖNHÄGER *Butorides striatus*
S: 1 seen on a stone in the middle of the river at DVFC on 18/2. At least 5 seen at KKCBS on the 21/2 and 1 seen along Kinabatangan at Sukau on the 24/2.
M: 1 at Tasik Perdana in Lake Gardens, KL on 6/3 is the only observation in the Peninsula.

⁰⁰⁶ CHINESE POND-HERON / BACCHUSHÄGER
Ardeola bacchus
M: One, in breeding plumage, was seen sitting on the netted roof over the KL bird park. If this was a wild bird drawn to the area by the caged birds, or if it was just a lucky escaped bird, is completely unknown to me (although se under Painted Stork!).

⁰⁰⁷ CATTLE EGRET / KOHÄGER *Bubulcus ibis*

S: Commonly seen in and around Likas Bay, KKCBS, on one location between GK and Kinabatangan, K/S and at Lahad Datu airport.

⁰⁰⁸ PACIFIC REEF-EGRET (EASTERN REEF-EGRET) / KORALLHÄGER *Egretta sacra*
S: Seen only in the K.K. area. 3 were seen along the coast at Likas Bay on the 8/2 and 1 was seen at KKCBS on the 21/2. All were in dark morph.

⁰⁰⁹ LITTLE EGRET / SILKESHÄGER *Egretta garzetta*
S: Common at KKCBS. One was also seen at Lahad Datu airport on the 15/2 and on the 20/2.

⁰¹⁰ GREAT EGRET (GREAT WHITE EGRET) / ÄGRETTÄGER *Egretta alba*
S: Only seen at Likas Bay and KKCBS.

⁰¹¹ BLACK-CROWNED NIGHT-HERON / NATTHÄGER
Nycticorax nycticorax
S: One seen flying at Likas Bay on the 8/2 and 1 (2nd year) at KKCBS on 21/2, were the only observations.

⁰¹² YELLOW BITTERN / KINESISK DVÄRGRÖRDROM
Ixobrychus sinensis
S: 1 at KKCBS on 21/2.

⁰¹³ SCHRENK'S BITTERN / SCHRENKS
DVÄRGRÖRDROM *Ixobrychus eurhythmus*
S: 1 at Likas Bay on 8/2.

⁰¹⁴ CINNAMON BITTERN / KANELRÖRDROM
Ixobrychus cinnamomeus
S: 1 at Likas Bay on 8/2.

---- [PAINTED STORK / INDISK IBISSTORK *Mycteria leucocephala*]

M: 11 seen flying in V-formation over KL on 6/3, seems to relate to some freeflying birds from National zoo (see Field Guide to the birds of West Malaysia and Singapore).

015 CRESTED HONEY-BUZZARD / TOFSBIVRÅK

Pernis ptilorhynchus

S: 2 over KKCBS on 21/2.

M: At FH 6 and 4 were seen migrating on 7/3 and 9/3 respectively.

016 BLACK KITE / BRUN GLADA *Milvus migrans*

S: 1 was seen over KKCBS on 21/2.

According to MacKinnon & Phillipps (1993) this is only a scarce migrant to northern Borneo.

017 BRAHMINY KITE / BRAMINGLADA *Haliastur indus*

S: Seen in small numbers at K.K., Lahad Datu and K/S.

M: 1 seen over KL on the 6/3 was the only peninsula observation.

018 WHITE-BELLIED SEA-EAGLE *Haliaeetus leucogaster*

S: Seen in small numbers at K.K., TAR, K/S (where a nest could be found) and PHS.

019 LESSER FISH EAGLE *Ichthyophaga humilis*

S: 1 seen at K/S on 24/2 was the only observation.

020 CRESTED SERPENT EAGLE / ORIENTHJÄLMÖRN *Spilornis cheela*

S: At DVFC one was observed respectively on 18 and 19/2. This species was also noted at K/S (2) and PHS (4).

021 BLACK EAGLE / SVARTÖRN *Ictinaetus malayensis*

S: 1 was seen circling beside the road between Ranau and GK on 28/2.

022 PHILIPPINE SCRUBFOWL (TABON SCRUBFOWL) *Megapodius cumingi*

S: 2 were seen and a few more were heard at Palau Manunkan, TAR on 5/3. All observations were made along the jogging track, between the 900 and 1300 m marker (from HQ) and between 9.40 and 11.30. During my visit in Sabah I also visited the islands of Palau Sapi and Palau Solok without seeing any signs of the Scrubfowl. It seems that Palau Manunkan is the only reliable site for this species in TAR.

023 BLUE-BREASTED QUAIL *Coturnix chinensis*

S: 1 at KKCBS at 21/2.

024 CRESTED FIREBACK *Lophura ignita*

S: 1 heard along The Rhino Trail at DVFC on 17/2.

025 GEAT ARGUS *Argusianus argus*

S: This species was heard most days at DVFC. 1 was also heard calling at PHS on 26/2.

026 WHITE-BREASTED WATERHEN / VATTENHÖNA *Amaurornis phoenicurus*

S: At least 3 were seen at Likas Bay on 8/2. 1 at KKCBS on 21.2. 1 seen at different locations along the dirtroad to K/S on 24 and 25/2.

M: 2 at Tasik Perdana in Lake Gardens, KL on 6/3 are the only observation on the Peninsula.

027 COMMON MOORHEN / RÖRHÖNA *Gallinula chloropus*

S: Many seen at Likas Bay on 8/2.

028 PURPLE SWAMPHEN / PURPURHÖNA *Porphyrio porphyrio*

S: 1 was seen at Likas Bay on 8/2. This bird was probably of the race *P. p. viridis* or *P. p. indicus*.

The Purple Swamphen doesn't seem to be a common bird in northern Borneo.

029 PACIFIC GOLDEN PLOVER / SIBIRISK

TUNDRAPIPARE *Pluvialis fulva*

S: 10 on the landingstrip at Lahad Datu airport on 20/2 and at least 20 at KKCBS on 21/2.

030 LITTLE RINGED PLOVER / MINDRE

STRANDPIPARE *Charadrius dubius*

S: 6 at Likas Bay on 8/2 are the only observation.

031 COMMON REDSHANK / RÖDBENA *Tringa totanus*

S: 1 at KKCBS on 21/2 is the only observation.

032 COMMON GREENSHANK / GLUTTSNÄPPA *Tringa nebularia*

S: 1 at KKCBS on 21/2 is the only observation.

033 COMMON SANDPIPER / DRILLSNÄPPA *Actitis hypoleucos*

S: At least 4 at Likas Bay on 8/2. 1 on Palau Sapi, TAR on 10/2 and at least 1 at KKCBS on 21/2.

034 COMMON BLACK-HEADED GULL / SKRATTMÅS *Larus ridibundus*

S: Up to 30 were seen between K.K. and TAR.

035 WHITE-WINGED TERN / VITVINGAD TÄRNA *Chlidonias leucopterus*

S: 1 at K/S on 25/2. While travelling along the dirtroad to Sukau I also noted a party of about 20 *Chlidonias*-terns at some small ponds. It was either this species or Whiskered Terns *Chlidonias hybridus*.

036 BLACK-NAPED TERN / SVARTNACKAD TÄRNA *Sterna sumatrana*

S: Common in the waters between K.K. and TAR.

037 GREATER CRESTED TERN / TOFSTÄRNA *Sterna bergii*

S: Seen twice in the waters around TAR. 4 on 22/2 and 2 on 5/3.

038 PINK-NECKED PIGEON (PINK-NECKED GREEN PIGEON) *Treron vernans*

S: About 10 were seen at KKCBS on 21/2.
M: 4 were seen in Lake Gardens, KL on 6/3.

⁰³⁹ GREEN IMPERIAL PIGEON *Ducula aenea*
S: Almost only seen in the outskirts of K.K., for example at KKCBS and TAR. The only observation outside the K.K. area was made at DVFC on 18/2.

⁰³⁹ GREY IMPERIAL PIGEON *Ducula pickeringi*
S: Out of many Imperial Pigeons on Palau Manunkan on 5/3, just one could positively be identified as belonging to this species.

⁰⁴⁰ MOUNTAIN IMPERIAL PIGEON *Ducula badia*
S: 1 at GK on 4/3 is the only sighting in Sabah.
M: Commonly seen at FH.

⁰⁴¹ ROCK PIGEON / KLIPPDUVA *Columba livia*
S: Common in towns.
M: As Sabah.

⁰⁴² LITTLE CUCKOO DOVE *Macropygia ruficeps*
M: Seen most days, in small numbers, at FH.

⁰⁴³ SPOTTED DOVE / PÄRLHALSDUVA *Streptopelia chinensis*
S: Common around human settlements.
M: As Sabah.

⁰⁴⁴ PEACEFUL DOVE (ZEBRA DOVE) *Geopelia striata*
S: 1 was seen at Likas Bay on 8/2 and one almost in the same area on 11/2.
M: At least 1 was seen in KL on 6/3 and a few were noted in the town Rasa on 10/3.

⁰⁴⁵ LONG-TAILED PARAKEET *Psittacula longicauda*
S: 4 seen at K/S at 24/2 is the only sighting.

---- [BLUE-CROWNED HANGING-PARROT *Loriculus galgulus*]
S: Not seen in the wild, but many were seen in cages at Sukau on 24/2.

⁰⁴⁶ INDIAN CUCKOO / INDISK GÖK *Cuculus micropterus*
S: A few birds heard calling most nights at DVFC, K/S and PHS. At K/S a few birds were also seen.

⁰⁴⁷ HIMALAYAN CUCKOO *Cuculus saturatus*
S: 1 heard calling at Mesilau on 28/2.
According to HBW, vol. 4, the northern population is now treated as a distinct species, Horsfield's Cuckoo / Taigagök *C. horsfieldi*. These both species has different vocal sounds.

⁰⁴⁸ PLAINTIVE CUCKOO *Cacomantis merulinus*
S: 1 seen at DVFC on 17/2.

⁰⁴⁹ COMMON KOEL / KOELGÖK *Eudynamis scolopacea*
M: A few were heard in and around the Lake Gardens, KL on the 6/3 and 10/3.

⁰⁵⁰ GREEN-BILLED MALKOHA *Phaenicophaeus tristis*
M: 2 were seen along the "new Gap road" on 9/3.

⁰⁵¹ RAFFLE'S MALKOHA *Phaenicophaeus chlorophaeus*
S: Only noted at DVFC, were single birds were seen most days.

⁰⁵² RED-BILLED MALKOHA *Phaenicophaeus javanicus*
S: 1 seen at the Canopy Walk at BRL on 19/2.

⁰⁵³ GREATER COUCAL *Centropus sinensis*
S: 1 at Likas Bay on 8/2 and at least 3 on one location along the road between GK and K/S on 15/2.

⁰⁵⁴ LESSER COUCAL *Centropus bengalensis*
S: Only seen at DVFC, were at least one was seen on 20/2.

⁰⁵⁵ MOUNTAIN SCOPS-OWL / BERGDVÄRGUV *Otus spilocephalus*
S: In the HQ-area at GK one was heard on 14/2 and then up to 2 owls could be heard at the same location between 1-3/3.
M: 1 was heard calling at Fraser's Pine Resort, FH on 9/3. This bird was calling from the area around the Telecom masts.

⁰⁵⁶ BUFFY FISH-OWL *Ketupa ketupa*
S: One was seen most nights at DVFC. It was often seen perched on the football goal on the field, just bellow the hostel.

⁰⁵⁷ LARGE-TAILED NIGHTJAR *Caprimulgus macrurus*
S: 1 was seen flying in front of the car near the observation tower, near DVFC on 19/2.

⁰⁵⁸ EDIBLE-NEST SWIFTLET *Collocalia fuciphaga*
BLACK-NEST SWIFTLET *Collocalia maxima*
MOSSY-NEST SWIFTLET *Collocalia salangana*
S: I've not laid down any effort to separate these species, because their similar appearance. Birds looking like either of these species have been seen at many locations around Sabah. The best way to separate these species is to look at their nests and what they have been built of. The Gomantong Cave is the most famous place in Sabah to see these nests. Unfortunately I had no time to visit this location.

⁰⁵⁹ WHITE-BELLIED SWIFTLET (GLOSSY SWIFTLET) *Collocalia esculenta*
S: The most common Swift in Sabah. It was seen at most places in good numbers. At GK it's possible to see a close relative to this species, the CAVE-SWIFTLET *Collocalia linchi*. This species has a green gloss on the back, which surely must be difficult to see in the field. On some occasions I thought I saw a green gloss on some of the birds, but I do not know if it was the light playing some tricks on me or not.
M: Commonly seen also in the peninsula.

⁰⁶⁰ SILVER-RUMPED SWIFT *Raphidura leucopygialis*

S: Only seen in Danum Valley, where it was common at DVFC and not quite as common at BRL.
One of my favourite birds on the trip!

⁰⁶¹ FORK-TAILED SWIFT (PACIFIC SWIFT) / ORIENTSEGLARE *Apus pacificus*

M: Commonly seen at FH.

⁰⁶² HOUSE SWIFT *Apus nipalensis*

S: On Sabah only seen at K.K., especially around the Gaya center in the northern parts of town.
M: Common at FH. Birds were also seen at Kuala Kubu Barhu, Rasa and one bird was also seen at Lake Gardens, KL on 6/3.
According to HBW, vol. 5, this is a distinct species, separated from LITTLE SWIFT / STUBBSTJÄRTSEGLARE *Apus affinis*.

⁰⁶³ GREY-RUMPED TREESWIFT *Hemiprocne longipennis*

S: 1 seen at Palau Sapi, TAR on 10/2. 1 at DVFC on 17/2. 1 seen at K/S on 24/2. 3 were seen at PHS on 25/2 and 2 at the same location on 27/2.

⁰⁶⁴ WHITEHEAD'S TROGON *Harpactes whiteheadi*

S: 1 splendid male was seen along the upper half of the Silau-Silau trail, GK on 2/3. This bird flew up from the trail just a few meters in front of me. It landed on a high branch beside the trail, where I could admire its beauty.

⁰⁶⁵ COMMON KINGFISHER / KUNGSFISKARE *Alcedo atthis*

S: Only observation is of one seen at K/CBS on 21/2.

⁰⁶⁶ STORK-BILLED KINGFISHER *Pelargopsis capensis*

S: A pair was noted at K/S on 24/2.

⁰⁶⁷ WHITE-THROATED KINGFISHER (WHITE-BREASTED KINGFISHER) / SMYRNAKUNGSFISKARE *Halcyon smyrnensis*

M: 2 at Tasik Perdana in Lake Gardens, KL on 6/3.

⁰⁶⁸ BLACK-CAPPED KINGFISHER / SVARTHUVAD KUNGSFISKARE *Halcyon pileata*

S: 1 at K/S on 24/2.

⁰⁶⁹ COLLARED KINGFISHER *Todirhamphus chloris*

S: The most commonly seen Kingfisher in Sabah. Many could be seen at K/S and fewer also at K/CBS and TAR.

⁰⁷⁰ BLUE-TAILED BEE-EATER *Merops philippinus*

M: At least 5 were seen at Lake Gardens, KL on 6/3.

⁰⁷¹ BLUE-THROATED BEE-EATER *Merops viridis*

S: 2 seen at PHS on 25/2.

⁰⁷² DOLLARBIRD / RÖDNÄBBAD BLÅKRÅKA *Eurystomus orientalis*

S: Only seen at Danum Valley with 3 on 17/2 and 19/2 and at K/S on 24-25/2, with up to 3 individuals.

⁰⁷³ WREATHED HORNBILL *Aceros undulatus*

S: Seen only at K/S on 24/2.

⁰⁷⁴ BLACK HORNBILL (ASIAN BLACK HORNBILL) *Anthracoceros malayanus*

S: Seen at DVFC on 16/2 and commonly at K/S on 24/2.

⁰⁷⁵ ORIENTAL PIED HORNBILL *Anthracoceros albirostris*

S: Only seen at K/S on 24/2, where it was the most common Hornbill.

⁰⁷⁶ RHINOCEROS HORNBILL *Buceros rhinoceros*

S: Daily observations at DVFC and also seen at K/S with up to 2 birds on 24-25.2.

⁰⁷⁷ HELMETED HORNBILL *Buceros vigil*

S: 1 at K/S on 24/2 was the only sighting.

⁰⁷⁸ FIRE-TUFTED BARBET *Psilopogon pyrolophus*

M: Common at FH.

⁰⁷⁹ GOLD-WHISKERED BARBET *Megalaima chrysopogon*

S: One heard at GK on two different occasions were the only observations.

⁰⁸⁰ RED-CROWNED BARBET *Megalaima rafflesii*

S: Heard at K/S, PHS and GK.

⁰⁸¹ RED-THROATED BARBET *Megalaima mystacophanos*

S: Heard at DVFC, PHS and GK.

⁰⁸² BLACK-BROWED BARBET *Megalaima oorti*

M: Common at FH.

⁰⁸³ MOUNTAIN BARBET *Megalaima monticola*

S: 1 heard at Langanana trail, PHS on 25/2 was the only observation.

⁰⁸⁴ GOLDEN-NAPED BARBET *Megalaima pulcherrima*

S: The most commonly heard Barbet around GK.

⁰⁸⁵ SPECKLED PICULET / FLÄCKDVÄRGSPETT *Picumnus innominatus*

M: 1 seen at High Pines, FH on 8/3.

⁰⁸⁶ GREATER YELLOWNAPE *Picus flavinucha*

M: Only seen at FH with 2 on 8/3 and 1 on 9/3.

⁰⁸⁷ CHECKER-THROATED WOODPECKER *Picus mentalis*

S: 1 at HQ-area, GK on 14/2. 1 at Mesilau on 27-28/2 and 2 along Silau-Silau, GK on 2/3.

⁰⁸⁸ BUFF-RUMPED WOODPECKER *Meiglyptes tristis*

S: 1 at PHS on 25/2.
M: 2 along the "new Gap road", FH on 9/3.

⁰⁸⁹ WHITE-BELLIED WOODPECKER / VITBUKIG
SPILLKRÅKA Dryocopus javensis
S: 2 seen at K/S on 24/2 is the only sighting.

⁰⁹⁰ GREY-AND-BUFF WOODPECKER *Hemicircus
concretus*
S: 2 seen at K/S on 24/2, was the only sighting of this
species.

⁰⁹¹ MAROON WOODPECKER *Blythipicus
rubiginosus*
S: 1 at HQ-area, GK on 4/3.

⁰⁹² ORANGE-BACKED WOODPECKER
Reinwardtipicus validus
S: 1 seen along Liwagu trail, GK on 14/2 is the only
observation.

⁰⁹³ BLACK-AND-RED BROADBILL *Cymbirhynchus
macrorhynchus*
S: 3 seen at K/S on 24/2.

⁰⁹⁴ BLACK-AND-YELLOW BROADBILL *Eurylaimus
ochromalus*
S: At least 2 seen along Langanan trail, PHS on 26/2.

⁰⁹⁵ LONG-TAILED BROADBILL *Psarisomus
dalhousiae*
M: 2 seen at FH on both 8/3 and 9/3.

⁰⁹⁶ WHITEHEAD'S BROADBILL *Calyptomena
whiteheadi*
S: At least 3 birds could be seen along Kiau-View trail
on 1/3 and 2 birds were noted along Liwagu trail on
the 3/3. According to A field guide to the birds of
Borneo... this bird is mostly silent. Although on both
my observations this splendid birds were first noted
on their call. A Common Tern like cry.

⁰⁹⁷ BLUE-BANDED PITTA *Pitta arquata*
S: 1 heard in the bamboo-forest along the Langanan
trail, PHS on 26/2. This bird where heard from the
3100m signpost, on the later part of the trail.

⁰⁹⁸ GARNET PITTA *Pitta granatina*
S: 1 heard calling along the Rhino trail, DVFC on 17/2
and on other where seen near the DVFC road, a few
km from the field center, on 18/2.

⁰⁹⁹ BARN SWALLOW / LADUSVALA *Hirundo rustica*
S: Common in the interior parts of Sabah.
M: In Peninsula only seen in KL.

¹⁰⁰ PACIFIC SWALLOW / KUSTSVALA *Hirundo
tahitica*
S: Common especially along the coast and along rivers,
such as Danum and Kinabatangan rivers.
M: The most commonly seen swallow. Seen at various
places between KL and FH.

¹⁰¹ RED-RUMPED SWALLOW / ROSTGUMPSVALA
Hirundo daurica

M: At least 2 were seen around Fraser's Pine Resort, FH
on 9/3. Both were of the local race *H. d. badia*.

¹⁰² ASIAN HOUSE-MARTIN / ORIENTHUSSVALA
Delichon dasypus
M: At least 3 were seen near the Children's Playground,
FH on 8/3.

¹⁰³ LARGE WOODSHRIKE *Tephrodornis gularis*
S: At least 5 seen at DVFC on 18/2. 1 at Canopy walk,
BRL on 19/2. Also seen at PHS with 2 on 26/2 and 1
on 27/2.

¹⁰⁴ SUNDA CUCKOO-SHRIKE *Coracina larvata*
S: At Mesilau at least 2 were seen on 27/2 and 1 on
28/2. 1 was also noted at GK on 4/3.

¹⁰⁵ MALAYSIAN CUCKOO-SHRIKE *Coracina
javensis*
M: Seen almost daily at FH, but only in small numbers.

¹⁰⁶ FIERY MINIVET *Pericrocotus igneus*
S: At least 5 were seen at K/S on 24/2 and 3 at PHS on 2
6/2.

¹⁰⁷ GREY-CHINNED MINIVET / GRÅSTRUPIG
MINIVET Pericrocotus solaris
S: In Sabah only noted around Mount Kinabalu, were it
seems to be quite common at Mesilau and GK.
M: Common at FH.

¹⁰⁸ GREEN IORA *Aegithina viridissima*
S: The only observation where made at The Canopy
Walk, BRL on 19/2, when at least 5 were seen.

¹⁰⁹ COMMON IORA *Aegithina tiphia*
S: 1 seen at Palau Sapi, TAR on 9/2 and at least 2 were
seen at PHS on 27/2.

¹¹⁰ LESSER GREEN LEAFBIRD *Chloropsis
cyanopogon*
S: A few were seen daily at DVFC.

¹¹¹ GREATER GREEN LEAFBIRD *Chloropsis
sonnerati*
S: A few were seen daily at DVFC.

¹¹² BLUE-WINGED LEAFBIRD *Chloropsis
cochinchinensis*
S: At least 2 were seen along Langanan trail, PHS on
26/2 and at least 4 were noted at GK on 4/3.

¹¹³ ORANGE-BELLIED LEAFBIRD *Chloropsis
hardwickii*
M: 1 pair was seen at Rompin, FH on 8/3. 1 female was
also seen along the "new Gap road", FH on 9/3.

¹¹⁴ STRAW-HEADED BULBUL *Pycnonotus
zeylanicus*
S: 3 seen at Segama Beach, DVFC on 18/2 and at least 5
were seen at K/S on 24/2.

- ¹¹⁵ BLACK-HEADED BULBUL *Pycnonotus atriceps*
S: Only noted at PHS with at least 4 on 26/2 and at least 2 on 27/2.
- ¹¹⁶ BLACK-CREASTED BULBUL *Pycnonotus melanicterus*
M: 2 were seen along the "new Gap road" on 9/3.
- ¹¹⁷ STRIPE-THROATED BULBUL *Pycnonotus finlaysoni*
M: 2 were seen in the beginning of the "new Gap road", FH on 9/3.
- ¹¹⁸ FLAVESCENT BULBUL *Pycnonotus flavescens*
S: 3 seen along the Summit trail, GK on 12/2. At least 2 were seen at Mesilau on 27-28/2 and 3 were seen at the Power Station, GK on 3/3.
- ¹¹⁹ YELLOW-VENTED BULBUL *Pycnonotus goiavier*
S: Common at least around K.K.. Noted even in other parts of Sabah, especially around human settlements.
M: On Peninsula noted in KL and in the town Rasa.
- ¹²⁰ RED-EYED BULBUL *Pycnonotus brunneus*
S: Quite common, noted in many different locations, such as TAR, DVFC and PHS.
- ¹²¹ OCHRACEOUS BULBUL *Alophoixus ochraceus*
S: Only two sightings both at GK. 1 on 1/3 and 2 on 2/3.
- ¹²² HAIRY-BACKED BULBUL *Tricholestes criniger*
S: 1 seen along the Rhino trail, DVFC on 17/2.
- ¹²³ MOUNTAIN BULBUL *Hypsipetes mccllellandii*
M: Seen daily in small numbers at FH.
- ¹²⁴ ASHY DRONGO / GRÅ DRONGO *Dicrurus leucophaeus*
S: At GK observed on 11/2 and 1-3/3, with as most up to 5 individuals. Also 2 seen at Mesilau on 27/2.
- ¹²⁵ BRONZED DRONGO *Dicrurus aeneus*
S: Observed at K/S, PHS and GK.
M: At least 10 were counted along the "new Gap road" on 9/3.
- ¹²⁶ LESSER RACKET-TAILED DRONGO *Dicrurus remifer*
M: Quite common in the FH area.
- ¹²⁷ GREATER RACKET-TAILED DRONGO *Dicrurus paradiseus*
S: 1 seen at PHS on 26/2 was the only sighting of this species during the trip.
- ¹²⁸ DARK-THROATED ORIOLE *Oriolus xanthonotus*
S: 1 were seen both on the 26 and 27/2 at PHS.
- ¹²⁹ BLACK-NAPED ORIOLE / SVARTNACKAD GYLLING *Oriolus chinensis*
M: A couple of individuals were seen and heard at KL and the town of Rasa.
- ¹³⁰ BLACK-AND-CRIMSON ORIOLE *Oriolus cruentus*
S: 1 seen at Mesilau on 27/2 and at Liwagu trail, GK on 3/3 is the only sightings in Sabah.
M: Seen daily at FH.
- ¹³¹ ASIAN FAIRY-BLUEBIRD *Irena puella*
S: Only seen at DVFC, where a male could be seen during 17-18/2.
- ¹³² SHORT-TAILED MAGPIE *Cissa thalassina*
S: Only noted around GK where at least 5 were seen along the Liwagu trail on 14/2 and also 1 on 1/3 and 3 on 4/3 in the HQ-area.
- ¹³³ GREEN MAGPIE *Cissa chinensis*
M: Seen in small numbers almost daily at FH.
- ¹³⁴ BORNEAN TREEPIE *Dendrocitta cinerascens*
S: A common bird in GK. One where also seen at Mesilau on 27/2.
- ¹³⁵ BLACK MAGPIE *Platysmurus leucopterus*
S: One sighting. At least 2 at DVFC on 17/2.
- ¹³⁶ HOUSE CROW / HUSKRÅKA *Corvus splendens*
M: Common in and around KL.
- ¹³⁷ SLENDER-BILLED CROW *Corvus enca*
S: Only noted in small numbers at DVFC and K/S.
- ¹³⁸ LARGE-BILLED CROW / DJUNGELKRÅKA *Corvus macrorhynchos*
M: Daily observations, in small numbers, at FH.
- ¹³⁹ VELVET-FRONTED NUTHATCH *Sitta frontalis*
S: At least 3 were noted at Mesilau on 27/3.
- ¹⁴⁰ BLUE NUTHATCH *Sitta azurea*
M: 2 were noted along the "old Gap road", FH on 9/3.
- ¹⁴¹ MOUNTAIN WREN-BABBLER *Napothera crassa*
S: At least 7 were counted around Mesilau on 28/2.
- ¹⁴² GOLDEN BABBLER *Stachyris chrysaea*
M: Daily observations at FH.
- ¹⁴³ GREY-THROATED BABBLER *Stachyris nigriceps*
S: A common bird at Mesilau and GK...
M: ...and at FH.
- ¹⁴⁴ BLACK-THROATED BABBLER *Stachyris nigricollis*
S: At least 2 seen at PHS on 26/2.
- ¹⁴⁵ STRIPED TIT-BABBLER *Macronous gularis*
S: Common around DVFC where it was seen daily.
- ¹⁴⁶ SUNDA LAUGHINGTHRUSH *Garrulax palliatus*
S: Common at Mesilau and GK.
- ¹⁴⁷ CHESTNUT-CAPPED LAUGHINGTHRUSH *Garrulax mitratus*
S: Common at GK, Mesilau.

M: ...and also at FH.

148 CHESTNUT-CROWNED LAUGHINGTHRUSH /
ROSTKRONAD FNITTERTRAST *Garrulax*
erythrocephalus

M: Only one sighting of 2 birds near the beginning of the "old Gap road", FH on 10/3. According to the field guide this species should be the most common Laughingthrush at higher altitudes. This was nothing that I noted obviously.

149 SILVER-EARED MESIA *Leiothrix argenteauris*
M: A common bird at FH.

150 WHITE-BROWED SHRIKE-BABBLER / GULVINGAD
BROKTIMALIA *Pteruthius flaviscapis*

S: One were seen at two different occasions at GK, during the period 1-4/3.

M: At least 4 were seen at FH on 8/3.

151 BLUE-WINGED MINLA / BLÅSTJÄRTAD MINLA
Minla cyanouroptera

M: A common bird at FH.

152 MOUNTAIN FULVETTA *Alcippe castanecepes*

M: A common bird at FH.

153 LONG-TAILED SIBIA *Heterophasia picaoides*

M: Very common at FH.

154 CHESTNUT-CRESTED YUHINA *Yuhina everetti*

S: A common bird at GK and Mesilau.

I could also find its nest along Liwagu trail. It was situated in a bank at about 30-40 cm from the ground. Interesting to see were that three birds could be seen around the nest, all carrying food for the chicks. No other Yuhinas could be seen in the area. I suppose that this was an example of co-operative breeding where a pair had got some help from a third individual, most probably from last years breeding, to help carrying food to the new chicks.

155 WHITE-BELLIED YUHINA *Yuhina zantholeuca*

M: Only one observation. 1 seen along the "old Gap road" on 9/3.

156 ORIENTAL MAGPIE ROBIN / SKATNÄKTERGAL
Copsychus saularis

S: Seen at many locations in small numbers. All observations of the black bellied race *C. s. pluto*.

M: A common bird, seen among others at KL and FH. The birds seen on the peninsula were of the white bellied race *C. s. musicus*.

157 WHITE-RUMPED SHAMA *Copsychus*
malabaricus

S: One sighting of at least 2 birds along the Rhino trail, DVFC on 16/2.

158 WHITE-BROWED SHAMA *Copsychus stricklandi*

S: 1 seen at DVFC on 20/2 and one at PHS on 26/2.

159 SLATY-BACKED FORKTAIL *Enicurus schistaceus*

M: Two observations at FH. 1 seen along the "new Gap road" on 9/3 and 1 at the FH entrance on 10/3.

160 WHITE-CROWNED FORKTAIL / VITKRONAD
KLYVSTJÄRT *Enicurus leschenaulti*

S: Only seen in and around Mount Kinabalu, at Mesilau and at GK.

161 SUNDA WHISTLING-THRUSH *Myiophoneus*
glaucinus

S: Seen along the Langanan trail, PHS. At Mesilau and at different localities at GK. Only seen in small numbers.

---- ISLAND THRUSH *Turdus poliocephalus*

S: Thrush rattle was heard at one time near Laban Ratan on 13/2. The sound came most probably from this species, but this individual could not be found again.

162 CHESTNUT-CROWNED WARBLER / RÖDKRONAD
BAMBUSÅNGARE *Seicercus castaneiceps*

M: 1 seen in a birdwave along the "old Gap road", FH on 9/3.

163 YELLOW-BREASTED WARBLER *Seicercus montis*

S: Commonly seen at GK and a few were also seen at Mesilau.

164 YELLOW-BELLIED WARBLER *Abroscopus*
superciliaris

S: A few sightings were made at PHS and at GK.

165 MOUNTAIN LEAF-WARBLER *Phylloscopus*
trivirgatus

S: A common bird around Mount Kinabalu.

Interesting to see is how this species plumage-colour changes with altitude. At lower altitudes most birds had some yellowish/greenish colour in their plumage. At higher altitude this coloration became more and more faded, and the birds occurring at the highest altitudes is almost completely grey. Is this a sign of racial difference?

M: A few were also seen at FH.

166 ORIENTAL REED WARBLER / "ÖSTLIG
TRASTSÅNGARE" *Acrocephalus (a.) orientalis*

S: 1 heard singing a short song at Likas Bay on 8/2.

167 COMMON TAILORBIRD *Orthotomus sutorius*

M: 1 seen at the Olde Smokehouse, FH on 7/3, was the only sighting of this species.

168 DARK-NECKED TAILORBIRD *Orthotomus*
atroglaris

M: Only one sighting. 1 pair was seen along the "new Gap road" on 9/3.

169 ASHY TAILORBIRD *Orthotomus ruficeps*

S: Seen daily at DVFC. Also seen at Likas Bay, TAR, and PHS.

170 RUFIOUS-TAILED TAILORBIRD *Orthotomus*
sericeus

S: Only seen at DVFC were it was seen daily.

¹⁷¹ MOUNTAIN TAILORBIRD *Orthotomus cuculatus*
S: Seen with a few birds daily at GK.

¹⁷² YELLOW-BELLIED PRINIA *Prinia flaviventris*
S: A few birds were seen at Likas Bay, Danum Valley, KKCBS, K/S and at GK.

¹⁷³ STRIATED GRASSBIRD *Megalurus palustris*
S: At least one was seen singing from high positions such as wires and trees at KKCBS on 21/2. One bird seen in flight and then landing in tall grass at Lahad Datu airport on 20/2, was most probably also this species.

MacKinnon & Phillipps (1993) does not mention that this species exist on Borneo, in their species texts. Is this a slip or... ?

¹⁷⁴ BORNEAN STUBTAIL *Urosphena whitheadi*
S: 1 bird carrying food was seen and one other was singing at Mesilau on 28/2. The location for these birds are as follows. Walk the Kongoon trail (it starts at Bishopshead Hostel and ends near the restaurant). Just before the second wooden bridge turn right along some water pipes going up hill. Just 20 m in on this trail I had the first Stubtail with food. A little further up I had the second one. This location is the same as Kalan Ickes described for Everett's Thrush and Bornean Stubtail (<http://worldtwitvh.virtualave.net/index.cgi?read=60>). Although I did not see any thrush at this location. 1 Stubtail was also located singing on the upper half of the Liwagu trail, GK on 3/3.

¹⁷⁵ SUNDA BUSH-WARBLER *Cettia vulcania*
S: A common bird at higher altitudes at GK and Mesilau. Easy to lure with Audubon's bird call.

¹⁷⁶ EYBROWED JUNGLE-FLYCATCHER *Rhinomyias gularis*
S: 1 was seen along Kiau-View trail, GK on 1/3.

¹⁷⁷ ASIAN BROWN FLYCATCHER /
GLASÖGONFLUGSNAPPARE *Muscicapa dauurica*
S: 1 seen at one location in Danum Valley on 19/2. 2 were seen at PHS on 26/2, most probably of two different races. One were still on same place the day after and 1 was seen at Mesilau on 27/2
M: 2 were seen at FH on 8/3 and one was seen on 9/3.

¹⁷⁸ VERDITER FLYCATCHER /
TURKOSFLUGSNAPPARE *Eumyias thalassina*
M: 1 was seen near the Olde Smokehouse, FH on 8/3.

¹⁷⁹ INDIGO FLYCATCHER *Eumyias indigo*
S: A common bird at GK and also seen at Mesilau.

¹⁸⁰ SNOWY-BROWED FLYCATCHER / VITBRYNAD
FLUGSNAPPARE *Ficedula hyperythra*
S: Seen at GK, daily in small numbers, during the period 27/2-4/3.

¹⁸¹ RUFIOUS-CHESTED FLYCATCHER *Ficedula dumetoria*
S: Seen at GK, almost daily in small numbers, during the period 27/2-4/3.
M: At FH 2 were seen on 8/3 and 1 on 9/3.

¹⁸² LITTLE PIED FLYCATCHER /
NUNNEFLUGSNAPPARE *Ficedula westermanni*
S: In Sabah only seen around Mt. Kinabalu, at Mesilau and GK. Always in small numbers.
M: At FH 1 were seen on 8/3 and 1 pair was seen on 9/3.

¹⁸³ BLUE-AND-WHITE FLYCATCHER / BLÅVIT
FLUGSNAPPARE *Cyanoptila cyanomelana*
S: Seen almost daily at GK during the period 28/2-4/3. At least on male and one female were seen.

¹⁸⁴ LARGE NILTAVA / STÖRRE NILTAVA *Niltava grandis*
M: 1 male was seen along Jalan Lady Maxwell, FH on 8/3.

¹⁸⁵ HILL BLUE-FLYCATCHER / ORIENTALISK
BLÅFLUGSNAPPARE *Cyornis banyumas*
S: 1 male and 1 female were seen in the beginning of Liwagu trail, GK on 14/2.

¹⁸⁶ MANGROVE BLUE-FLYCATCHER *Cyornis rufigastra*
S: 1 male at K/S on 24/2. A few were also seen at Palau Manunkan, TAR on 5/3.

¹⁸⁷ GREY-HEADED FLYCATCHER / GRÅHUVAD
SOLFLUGSNAPPARE *Culicicapa ceylonensis*
S: One family were seen at the Canopy Walkway at PHS on 26/2.

¹⁸⁸ WHITE-THROATED FANTAIL / VITSTRUPIG
SOLFJÄDERSTJÄRT *Rhipidura albicollis*
S: Common at Mount Kinabalu.
M: Seen and heard daily at FH.

¹⁸⁹ PIED FANTAIL *Rhipidura javanica*
S: 2 at Likas Bay on 8/2. Daily observations at DVFC. Also seen at K/S, PHS and commonly at Palau Manunkan, TAR.

¹⁹⁰ BLACK-NAPED MONARCH *Hypothymis azurea*
S: The only observation is of one male seen along Langanan trail, PHS on 26/2.

¹⁹¹ BORNEAN WHISTLER *Pachycephala hypoxantha*
S: Common at GK and Mesilau.

¹⁹² MANGROVE WHISTLER *Pachycephala grisola*
S: 1 heard on Palau Solok, TAR on 23/2 and many seen and heard on Palau Manunkan, TAR on 5/3.

¹⁹³ GREY WAGTAIL / FORSÄRLA *Motacilla cinerea*
S: 1 female was seen at Mesilau on 26-27/2.
M: 1 pair was seen at the golf course, FH on 8/3 and 1 female was seen along the "new Gap road", FH on 9/3.

- ¹⁹⁴ RICHARD'S PIPIT / STÖRRE PIPLÄRKA *Anthus novaeseelandiae*
S: At least 2 were seen at Lahad Datu airport on 20/2. The *A. novaeseelandiae*-family is very complex, with many races. My knowledge around these family ties is, at the moment, very restricted. These birds were not of the northern migrating race *A. n. richardi*, but of some local and resident race (I do not know which at the moment). The Peninsula Malay-race *A. n. malayensis* and other south-east Asian races are sometimes treated as a separate species, PADDYFIELD PIPIT *Anthus rufulus*.
- ¹⁹⁵ WHITE-BREASTED WOOD-SWALLOW *Artamus leucorhynchus*
S: Commonly seen in and around K.K. (especially at Likas Bay, KKCBS and on the TAR-islands).
- ¹⁹⁶ BROWN SHRIKE / BRUN TÖRNSKATA *Lanius cristatus*
S: 1 ad. at a parking lot, northern K.K. on 7/2. 1 ad Likas Bay on 8/2. 1 at KKCBS on 21/2.
- ¹⁹⁷ PHILIPPINE GLOSSY STARLING (ASIAN GLOSSY STARLING) *Aplonis panayensis*
S: Commonly seen in many towns and villages all over Sabah.
M: As Sabah.
- ¹⁹⁸ COMMON MYNA / BRUN MAJNA *Acridotheres tristis*
M: Very common in KL with surroundings.
- ¹⁹⁹ WHITE-VENTED MYNA *Acridotheres javanicus*
M: 2 were seen in Lake Gardens, KL, on 6/3.
- ²⁰⁰ HILL MYNA / BEOSTARE *Gracula religiosa*
S: 2 were seen at K/S on 24/2.
- ²⁰¹ BROWN-THROATED SUNBIRD (PLAIN-THROATED SUNBIRD) *Anthreptes malaccensis*
S: Seen commonly at K/S on 24-25/2. Also seen at PHS and Palau Manukan, TAR.
- ²⁰² OLIVE-BACKED SUNBIRD *Nectarinia jugularis*
S: One of the most commonly seen Sunbirds. Many locations.
- ²⁰³ BLACK-THROATED SUNBIRD *Aethopyga saturata*
M: Common at FH.
- ²⁰⁴ CRIMSON SUNBIRD *Aethopyga siparaja*
S: 1 seen at DVFC on 20/2, K/S on 24/2 and Palau Manukan, TAR on 5/3 are the only sightings.
- ²⁰⁵ SCARLET SUNBIRD (TEMMINCK'S SUNBIRD) *Aethopyga temminckii*
S: Daily observations at Mesilau and GK during the period 28/2-4/3. Never in big numbers.
- ²⁰⁶ LITTLE SPIDERHUNTER *Arachnothera longirostra*

- S: The only observation is of one that crashed in a window at the PHS restaurant on 27/2. This bird seemed to be very dissy, but in good health.
- ²⁰⁷ SPECTACLED SPIDERHUNTER *Arachnothera flavigaster*
S: Only seen at DVFC were it was seen daily.
- ²⁰⁸ GREY-BREASTED SPIDERHUNTER *Arachnothera affinis*
S: Daily observations at DVFC.
- ²⁰⁹ BORNEAN SPIDERHUNTER *Arachnothera everetti*
S: 1 was seen along the Langanan trail, PHS on 27/2.
- ²¹⁰ STREAKED SPIDERHUNTER *Arachnothera magna*
M: Common at FH.
- ²¹¹ ORANGE-BELLIED FLOWERPECKER *Dicaeum trigonostigma*
S: At DVFC and PHS this was a daily sight.
- ²¹² BLACK-SIDED FLOWERPECKER *Dicaeum monticolum*
S: 1 pair was seen at GK on 11/2 and a few were also seen on the 4/3.
- ²¹³ BUFF-BELLIED FLOWERPECKER / ORIENTBLOMSTERPICKARE *Dicaeum ignipectus*
M: 1 male and 1 female were seen along the "new Gap road", FH on 9/3.
- ²¹⁴ BLACK-CAPPED WHITE-EYE *Zosterops atricapilla*
S: At Mesilau and GK this was a fairly common bird.
- ²¹⁵ MOUNTAIN BLACK-EYE *Chlorocharis emiliae*
S: Common at higher altitudes at GK and Mesilau.
- ²¹⁶ EURASIAN TREE SPARROW / PILFINK *Passer montanus*
S: Common in and around most towns and villages, all over Sabah. The first bird that I saw on Borneo!
M: As Sabah.
- ²¹⁷ TAWNY-BREASTED PARROTFINCH *Erythrura hyperythra*
S: 1 was seen at one location in the Danum valley on 19/2. According to the field guide this bird should not exist in this area.
- ²¹⁸ DUSKY MUNIA *Lonchura fuscans*
S: At least 5 were seen at DVFC on 17/2 and one at K/S on 24/2. A few pairs were breeding in the PHS HQ-area.
- ²¹⁹ BLACK-HEADED MUNIA (CHESTNUT MUNIA) / KASTANJEMUNIA *Lonchura malacca*
S: A common bird along road sides and in open areas, at many places all over the province of Sabah.

Mammals / Däggdjur:

001 MOUNTAIN TREESHREW *Tupaia montana*
S: Common at GK and also seen at PHS.

002 SMOOTH-TAILED TREESHREW *Dendrogale melanura*
S: 1 sighting along Silau-Silau trail at GK on 2/3.

---- BATS
A couple were seen at various places, but none have been positively identified.

003 SLOW LORI *Nycticebus coucang*
S: 1 seen on a nightdrive at DVFC on 19/2.

004 SPECTACLED LEAF MONKEY *Presbytis robcura*
M: 2 adults with young seen at FH on 7/3.

005 RED LEAF MONKEY *Presbytis rubicunda*
S: Only seen at Danum Valley.

006 GREY LEAF MONKEY *Presbytis obscura*
S: 1 observation at PHS on 26/2

007 PROBOSCIS MONKEY *Nasalis larvatus*
S: Very common along Kinabatangan river.

008 LONG-TAILED MACAQUE *Macaca fascicularis*
S: Seen at Sapi, TAR (few) and K/S (common)
M: Common at FH

009 PIG-TAILED MACAQUE *Macaca nemestrina*
S: Seen at DVFC (1) and K/S (common)

010 SIAMANG *Hylobates syndactylus*
M: Heard every day at FH, especially in the area around the Telecom masts. Seen only on one occasion. 3 moving through the canopy at Bishops Trail.

011 BORNEAN GIBBON *Hylobates muelleri*
S: Heard daily, but only few seen.

012 ORANG UTAN / ORANGUTANG *Pongo pygmaeus*
S: 1 female with a young near DVFC on 18/2 and 1 younger animal near DVFC on 19/2. Also seen along the Kinabatangan river with 1+2 on 24.2.

---- [RABBIT *Oryctolagus cuniculus*]
S: One that was seen at DVFC, gave some good laughs, when it came jumping up the road.
According to the DVFC-staff, this animal relates from a few that escaped from some cages in the area. The staff believed that all rabbits had become food to a CLOUDED LEOPARD *Neofelis nebulosa*, that had been sneaking around DVFC.

013 GIANT SQUIRREL *Ratufa affinis*
S: Only one seen. 1 on the Kiau View trail, GK on 1/3.

014 KINABALU SQUIRREL *Callosciurus baluensis*
S: Only one seen. 1 on the Mempening trail, GK on 4/3.

015 PREVOST'S SQUIRREL *Callosciurus baluensis*
S: A few were seen at PHS and also one seen at DVFC.

016 BORNEAN BLACK-BANDED SQUIRREL
Callosciurus orestes
S: Common around Mount Kinabalu.

017 PLANTAIN SQUIRREL *Callosciurus notatus*
S: Common around Mount Kinabalu.

018 LOW'S SQUIRREL *Sundasciurus lowi*
M: 1 seen near Bishop's trail, FH on 10/3, is the only sighting.

019 JENTINK'S SQUIRREL *Sundasciurus jentinki*
S: Seen at Mesilau.

020 THREE-STRIPED GROUND SQUIRREL *Lariscus insignis*
M: Few seen at FH.

021 BORNEAN MOUNTAIN GROUND SQUIRREL
Dremomys everetti
S: Seen along the Summit trail, GK. Especially common at some of the resting places (fed by the climbers!).

022 RED GIANT FLYING SQUIRREL *Petaurista petaurista*
S: Only seen near DVFC. This animal were seen on nightdrives on 16/2 (1) and on 19/2 (at least 6).

023 NORWAY RAT / BRUN RÅTTA *Rattus norvegicus*
S: Seen in K.K..

024 SUMMIT RAT *Rattus baluensis*
S: A few were seen on Low's Peak, GK on 13/2.

025 MALAY WEASEL *Mustela nudipes*
S: This beautiful animal was seen along the Langanan trail, PHS, on 26/2.

026 BINTURONG (BEARCAT) *Arctictis binturong*
S: One was found by the staff at DVFC, sitting high in a tree, at dusk, on 18/2.

027 SMALL-TOOTHED PALM CIVET *Arctogalidia trivirgata*
S: One was seen on a nightdrive at DVFC on 19/2.

---- ASIAN ELEPHANT *Elephas maximus*
S: None seen but their droppings showed that they were in the vicinity.

028 BEARDED PIG / SKÄGGSVIN *Sus barbatus*
S: Only seen in Danum Valley, both at DVFC and BRL.

029 BORNEAN RED MUNTJAC (COMMON BARKING DEER) *Muntiacus muntjac*
S: One was seen on a nightdrive at DVFC on 19/2.

⁰³⁰ SAMBAR DEER *Cervus unicolor*
S: Only seen near the DVFC.

Reptiles & Amphibians / Reptiler & Amfibier:

I've no big knowledge about these animal groups, but the species that were seen and identified is compiled bellow.

Snakes: On my trip I only saw 4 snakes and three of them were roadkill! The only living one was one Reticulated python (small one), which were lying in a tree along Kinabatangan river.

Lizards: Common House Gecko *Hemidactylus frenatus* is a common resident in many houses all over the country. The Water Monitor Lizard *Varanus salvator*, I only saw on the island of Solok, TAR (at least 3). Rough Skinks *Mabuya rudis* were seen at BRL, KKCBS and TAR (common on Palau Manunkan).

Frogs: One night, at DVFC, we were some frogwatching. We managed to catch four different species *Rana nicobariensis* (Cricket Frog), *Rhacophorus fasciatus*, *Rh. nigropalmatus* and *Rh. harrissoni* (Brown Tree Frog).

Flowers / Växter:

The rain Forrest were not in bloom on my visit, so not many flowers were noted... Mt. Kinabalu has an incredible biodiversity, especially in plantlife. For example about 1500 orchid species are known to occur here (about 10% are endemic to the area). On my visit, *orchids* that I saw were only visible as buds on treebranches. Kinabalu has also many other kinds of plants such as *Rhododendron*- and *Nepenthes*- (pitcher plant). Of the later I managed to see three different kinds along the Summit trail. Also seen around Kinabalu was the endemic *Kinabalu Balsam*.

At Kinabalu the world's largest moss, the *Dawsonia longifolia*, could also be seen. In terms of mushrooms, lichens and ferns, there is much to be done. Not much seems to be known about these important organism groups in the tropics.

Insects and more...

They have some incredible insects on Borneo. We saw gigantic beetles, ants, butterflies, moths and more. Especially the butterflies and moths had some stunning coloration and they were many. Of those which I can give a name I saw Brook's Birdwing *Trogonoptera brookiana* both at PHS (Langanan trail) and GK (Liwagu trail). Atlas Moth *Attacus atlas* was seen at DVFC and PHS. Fore eveyone who likes these animal groups, Borneo has a lot to offer.

Insects (that I can give a name) seen:

Three-horned Rhinoceros Beetles *Chalcosoma möllenkampi*. --- Endemic to Borneo, seen at DVFC and PHS.

Giant Forrest Ant *Camponotus gigas* --- Seen at DVFC.

[Butterfly] *Lyssa mentoentis* --- Commonly seen at different places.

Brook's Birdwing *Trogonoptera brookiana* --- Se above.

Atlas Moth *Attacus atlas* --- Se above.

Leeches is a completely different group and they really wants to get to know you... or at least they want to taste your blood!. These animals were very common in the rain forest near DVFC. I also encountered with leeches along the Langanan trail, PHS, were they where quite common near the Langanan waterfall. On most of the trails at GK I did not see any leeches, but at one time I saw a few along the Liwagu trail (during heavy rain). At FH, I can report some leeches on the Bishops trail.

In Borneo there is only two species of leeches that sucks blood from humans and those are the Tiger Leech *Haemadipsa picta* and the Brown Leech *H. zeylanica*. The Tiger Leech always sits, for example on leaves, on

higher grounds (about 30 cm up). The Brown Leech sits on leaves that lies on the ground and waiting for a blood-donor! Birdwatchers can do a lot to prevent a sudden blood-letting buy dressing in a special way. Leech-socks (soaked with insectrepellant), long trousers and a skirt that you have tucked in to your trousers. In this clothing I managed to completely prevent the leeches to take my blood! They were on me but no one suck on to me... I might have some bad blood... but who knows?

The map bellow shows Malaysia and some of the visited localities (Shortenings: FH = Fraser's Hill; KL = Kuala Lumpur; TAR = Tunku Abdul Rahman; KK = Kota Kinabalu; GK = Gunung Kinabalu (Kinabalu Park); K/S = Kinabatangan / Sukau; DV = Danum Valley; LD = Lahad Datu)

