



# Indonesia

24 September to 15 October 2013

Dave D Redfield Mammal Tour



Picture: Sunda Flying Lemur (Colugo) with young by Richard White

Report compiled by Richard White

## *The story: 5 islands, 22 days and 52 mammals...*

---

A journey to a land where lizards fly, squirrels are the size of mice, civets look like otters and deer are no bigger than small annoying poodles...Indonesia! Where did this all begin...?

In late June I was thinking of heading to Asia for a break. After yet another Tasmanian winter I wanted to sweat, get soaked in a tropical rain shower, get hammered by mosquitoes...I wanted to eat food with my hands (and not get stared at), wear sandals, drink cheap beer...and of course experience an amazing diversity of life. While researching some options I contacted my former employer and good friend Adam Riley from Rockjumper Birding Tours/Indri and he suggested I touch base with a client that I had arranged trips for before. The client (and now friend!) in question, Dave Redfield, has seen an amazing variety of the world's mammal species but, at that time, had yet to visit Indonesia. So, armed with a target list and a 22 day budget, I sat down and began researching and designing a tour in search of a select suit of mammal species for Dave. Time, terrain, concentration of species and cost were considered. We settled on a few days in mammal hotspots on Java, Sumatra, Borneo, Sulawesi and finally Bali, in that order. Bali was also chosen as a good place to wind down after 'roughing it' though the rest of Indonesia. It is also worth mentioning that Dave, realising that seeing all the world's mammals in the wild is an impossible target, does count mammals seen in captivity; the target list of species was thus not what one might have expected (for example, a Red Spiny Mouse was a priority but Babirusa was not). This made the trip all the more fun to plan...and lead. A date was set, tickets were booked and the trip became a reality. And what a trip it was, being a bit of a birder (see annotated list after the mammal list below) at heart I had no idea that chasing squirrels could be so much fun...I am a convert and Dave, with his expectations well in check, saw many more species than hoped for!

Dave and I met in Jakarta; the arrangement to meet at the airport turning out slightly more complex than anticipated; there are (for no good reason) two exit points for the same flight for international arrivals. After a bit of jogging between the two exits I found Dave. We made our way to a nearby hotel to enjoy a beer and a quick rest before the start of the tour.

We left the hotel a little later than anticipated the following morning and made our way through Jakarta's incredible traffic south. The traffic for that whole day can only be described as incredible; while not always 'jammed', it was seemingly endless and chaotic. Seven hours later we spotted a small hill covered in secondary scrub – the Cikanaga Breeding Centre. Funded by ZGAP (a German NGO that does great work with threatened species) and managed by the delightful Stefan and Carola, the centre is doing a great job of breeding one of Java's rarest big mammals – the Javan Warty Pig (*Sus verrucosus*). This is one of only two species of pig that Dave had yet to see so a stop here was essential. It was well worth it; we saw not only the pig but a host of other rare species of mammal (and bird!) and enjoyed the fine company and hospitality extended by our hosts. In the grounds we saw the first of many Plantain Squirrels for the trip and at night our first Asian Palm Civet.

From the centre we took the three hour drive to the Bodogol Research Station in Guning Gede National Park, one of Java's few intact National Parks. This western side of the park is far less visited than the north eastern part (Cibodas) where trekkers from Jakarta enter the park (at times many hundreds a day) to summit the volcano or visit the waterfall. In the quieter western side we were pleased to find tall, healthy forest and no people. On our first afternoon walk we saw Black-striped Squirrel (not uncommon) and had great views of three

Silvery Gibbon. Given our two main targets for Gede were nocturnal (Sunda Stink Badger and Javan Ferret Badger) we stayed out after dark; our park guides giving us little cause for hope - both of them had seen more Leopard than they had either of these species. This was a surprise especially as the latter had been seen by John Hall with relative ease on the north eastern side of the park (see notes on resources below).

The following morning we set out pre dawn in the hope of some nocturnal critters. Dawn broke and found us empty handed but the experience of walking through the wakening forest serenaded by the eerie, ringing calls of Silvery Gibbon (not unlike Madagascar's Indri!) was worth the effort. Not long after first light we were rewarded with a sighting of a troop of Grizzled Leaf Monkey and, as the morning progressed, we found Javan Langur (a very handsome primate!) and had many more encounters with Black-striped Squirrel (causing a mild case of Squirrel-neck). While the forest looked good this side of the park and the lack of tourists and people blissful, we felt the anthropogenic ecotones at the north eastern entrance (campgrounds, National Parks HQ, Botanical Gardens etc.) might yield more species. From here it was a three hour drive to Freddie's homestay at the Cibodas entrance to the park where we based ourselves for the next couple of days. While a lot busier the trails were easier walking for Dave.

The main trail at Gede was frequented by streams of trekkers heading for the summit or the waterfall. This could be at any time of the day, be it late afternoon (trekkers walk to the summit for sunrise!) or early morning (trekkers heading for the summit for sunset). Being a weekend made it especially busy. It was good to see people enjoying their national park and, for the most part, trekkers were quiet and polite. The odd beat box however and the very serious problem with littering was disheartening. Indonesia has a tragic litter/waste disposal problem; plastics are the main culprit. Being steep we didn't manage to cover great distance on the main trail and stayed mostly within a couple of kilometres of the HQ. We managed to see Javan Langur close to camp HQ, we heard distant Silvery Gibbon and Dave saw Three-striped Squirrel dash across the trail. In our quest for less disturbed walking we found a quiet (and litter free) trail to an education centre (abandoned) and a lovely canopy walkway – the latter a big surprise. I had not come across mention of the walkway in bird/mammal reports and our guide had no idea it existed - it's easy to find: from the Cibodas office take the trail to the Education Centre and follow the river for a few hundred meters, just past the walkway the trail ends at a small scenic waterfall. We walked this area in the early evening and pre dawn but drew blanks on nocturnal species (in fact we saw very little by day here too but the peace and quiet and stunning forest was worth it). We did however come across a Red Muntjak coming to the river to drink –while this animal is common elsewhere, it is not easy in Gede and seeing it in this lush setting approaching a clear forest stream was magical. During our time in Gede we also made two nocturnal visits to Mendalawani Camprground in search of Ferret Badger. Despite dedicated searching we missed this critter but did see Asian Palm Civet here.

We left Gede at 7.00am in order to avoid a road closure; this did however yield a 10.00am arrival at the airport with lots of time to kill (our flight to Sumatra scheduled for late afternoon). Thankfully the flight was on time. On arrival in Bandar Lampung we took the two hour drive to Satwa Lodge at the entrance to Way Kambas National Park. We wasted no time on arrival enjoying a quick meal and heading out for our first of many rewarding night drives in the park. After many uneventful hours spotlighting in Gede the Way Kambas was an amazing contrast; this is an amazing park! This first drive yielded Red Muntjak, Sambar, Greater Mouse Deer, roosting Crested Fireback (wow), a species of Flying Squirrel (Jentink's

I suspect), Malayan Civet, Red Spiny Mouse and, the undisputed highlight, a Pen-tailed Tree Shrew! The latter was a lifer for Hari (our excellent guide) and certainly not something any of us had expected.

After such a great first evening we had high expectations of our time here. We were not disappointed. This is an incredible national park and, while much of the habitat is secondary, supports a good diversity of mammal (and bird). In four full days we had a staggering 32 mammal species, around two thirds of all of the mammals that we would see in all of our three weeks in Indonesia. Like Uganda's Royal Mile there is just the one forest-lined road that gives access to an amazing menagerie of species...in this case the road is 8 miles long! Every time we drove the road we found something new, something that left us exclaiming. There is the river and boat ride too of course but we did not go on as many boat trips as planned – the noise and fumes from the boat making it a less than ideal for exploring and, despite the good number of potential lifers (Flat-headed Cat for one), we opted to enjoy the riches of the main road instead. Needless to say we did not sleep much at night here often going out pre dawn (4.00am start) till mid morning, resting and note writing during the heat of the day then heading out for the afternoon till well after dinner (most times having dinner in the field) and finishing at 10-11.00pm. During our morning run we would spotlight from the vehicle till it got light and then enjoy walking through the more productive areas looking for mammals (and birds!).

In addition to the great moments on our first drive further highlights of our time in the Way Kambas included an extended sighting of a Sunda Flying Lemur (or Colugo) with young, Otter Civet (also with young!), Black-eared Pygmy Squirrel (hard to believe how small this squirrel is), many Black Giant Squirrel and one Pale Giant Squirrel, a Jentink's Flying Squirrel (we suspect) exit its eye-level day roost, Leopard Cat, the vocal Siamang and the very endearing Greater Slow Loris. Prevost's Squirrel, while common, was also much enjoyed and Common Tree Shrew was a highlight in the lodge grounds. We also had a bounty of great birds; it's impossible not to see great birds here. By day we enjoyed the likes of Great Argus crossing the road a few meters in front of us, White-winged Duck, Banded Kingfisher, Red-naped Trogon, the common but very striking Black-and-red Broadbill, Banded Woodpecker, Malaysian Honeyguide and Rufous Piculet while by night Large Frogmouth, Sunda Frogmouth, Sunda Scops Owl and Brown Hawk Owl. We also enjoyed some great reptiles; the highlight being two *Draco* lizards chasing each other up (and then flying down) the trunk of a tree, awesome creature!

We departed the Way Kambas area a little short of sleep but elated. The area had surpassed expectations in all respects, what a place! Next up, a day of travel; we flew back to Jakarta and then on to Pankalanbun in Borneo. Our cheerful guide, Hakim, met us on arrival and we made the 30 minute drive to Kumai where we met our boat, a single cylinder beast called a Klotok – so named for the clunking sound the engine makes. This is the mode of tourism transport here and we passed many on our three hour ride on the Sekonyer River to Rimba Lodge. En route we stopped at one of the Orangutan feeding stations finding an unexpected and most welcome mammal – a Least Pygmy Squirrel, a wonderful little creature that we shared with a few fellow tourists. We were a little apprehensive about the high numbers of tourists here (after all this is a stop on the cruise ship calendar) but did manage to avoid the throngs by visiting areas off the tourist map and going outside the regular feeding times for Orangutans.

Over the next few days we searched the secondary habitat of Tanjung Puting NP for mammals with the help of our guide and a local villager who knew the area well. We cruised the river (on a speedboat traded in for our Klotok) scanning the riverine forest and explored trails off the Sekonyer River on foot. Our time here suddenly and rather dramatically turned out to be a more of a rest and recuperate session than anticipated; on our first morning walk Dave had an unfortunate fall in the forest injuring his cheek rather severely. On falling a sharp stick pierced the inside of his cheek and we needed to find Dave some clean, professional attention – this took a bit of effort and after visiting several, worryingly grubby, facilities we found a clean and professional orthodontist who cleaned and stitched the wound. Fortunately one of our main targets here, Maroon Leaf Monkey, was seen prior to the fall; we saw these (along with a flock of Bornean Bristlehead) on a trail not far from Rimba and, while not hard to see (they are a bright chestnut), were shy and did not stick around for long. We saw little else of interest in the forest but I did manage a good sighting of a wild Agile Gibbon (we were also told of a semi wild one at Camp Leaky). The riverine vegetation was a bit more productive and, not wanting to subject Dave to too much physical activity, we spent our time exploring by boat. We had the odd Prevost's Squirrel, Sundiac Silvered Langur, Proboscis Monkey and Long-tailed Macaque; the latter two gathering in impressive number on the river's edge at dusk, a spectacular scene and a trip highlight. Here we also saw wild Orangutang, a refreshing sighting after our encounters of captives. We had some great birds here too enjoying several hornbill species, great numbers of the stunning Long-tailed Parakeet and Stork-billed and Blue-eared Kingfishers. On our last full day we visited Camp Leaky; deemed an essential stop for Orangutang enthusiasts we timed our visit here for early morning before the camp got busy. The trip up the river alone was worth the effort with the black waters of Simpang River in far better condition than the Sekonyer (no small surprise – there is no gold mine upstream!). A surprise Black Bittern took off meters from the boat passing in front of us. Of further note was a thieving and rather brazen Orangutang that met us on arrival at Camp Leaky and promptly made off with my rain jacket (these primates are a little less than cute when they become this familiar!). At the camp itself we found a lazing Bearded Pig, Least and Black-eared Pygmy Squirrels again (you can't see too many of these!) and the highlight, a Striped Tree Shrew feeding with a mixed babbler flock on the forest floor.

While we had not expected much from this part of Borneo it yielded a few new mammals for us and, despite Dave's fall, was well worth the visit. We then continued our island hopping with a full day dedicated to get us to Manado in northern Sulawesi. A late night arrival there and just a few hours sleep in a massive and very modern hotel and we were on the road again for the two hour drive to Tangkoko. As we neared the reserve dawn broke revealing a pleasant, gentle landscape of palm trees and subsistence farms. So much of the Indonesia we had seen was developed (tar and concrete) and, while far from pristine, this verdant landscape was a welcome sight. On arrival we dropped our gear at our accommodations just a few minutes from the reserve and made our way straight to the forest. By 6.30am we were on the trail looking for our target mammals.

While Sulawesi does not have an abundance of mammals it does have some very special mammals. Our guide Iwan, relaxed and confident, was just the man to help us find them. From the car park near the beach we strolled into the forest. Our first mammal of the day (after a pair of Philippine Megapode) was a Celebes Dwarf Squirrel and, before long, we were gazing through the scope at a Bear Cuscus with young...oh yes, and there were another two nearby...and then another one a short stroll down the hill. We then enjoyed a rather sleepy pair of Ochre-bellied Boobook, a Spectral Tarsier or two (wow!), a Whitish Dwarf

Squirrel and a dozen roosting Celebes Rousettes. Wagler's Pit Viper (a stunning bright green juvenile) and roosting Sulawesi Scops Owl were non-mammalian highlights. Once back at the car we hopped into a wonderfully warm ocean near the car park. Wow, what a morning, capped off with a tropical ocean swim! We had most of our targets sewn up with three full days ahead of us.

We chose to enjoy the next few days at a more relaxed pace but still made regular early morning and late afternoon visits to the forest. Most rewarding were two outings dedicated to following and observing the Rambo 2 troop of Black-crested Macaques. Iwan has been assisting a researcher with these and knew exactly where and when to find them. We spent many hours watching BCMs doing what they do best – gambolling, sitting, scratching, playing, grooming, fighting, drinking (water) and eating mangoes! What a fascinating and rewarding experience. In the gaps that Dave chose to relax (he was doing very well despite the swelling) I opted for some rewarding side trips for birds – this included a trip to the mangroves (the boat trip along the coast is worth it for the scenery alone), pitta hunting and a morning scanning the forest canopy where I connected with a number of desired Sulawesi endemics. We did a bit of spotlighting in the hope of a Sulawesi Palm Civet but our guide did not know of them here (he had heard of one being seen elsewhere in the park) – this was something of a surprise as I was under the impression we had a good chance of connecting with this mammal here. Furthermore, Iwan had also not seen, or heard of, Sulawesi Giant Squirrel so I suspect this might also be tough (or impossible) here. If anyone knows otherwise please do let me know and I will update this report!

After several lovely days in Sulawesi we made our way to Bali. We hopped on an early morning flight and before long were winding our way through Denpasar. Our guide confessed in broken and very limited English that he spoke...well...broken and very limited English and, given that Bali is a well worn tourist destination, this was a surprise. Anyhow, no matter, we could understand his wording of "Horsefield's Tree Shrew" easily enough and, thinking we had no further chance for this after having missed it in Gede, were happy to hear we were going to try for it that afternoon. In haste and with raised expectations, we made our way to Bedugul Botanical Gardens. We spent several hours in the garden strolling what looked like awful habitat (too open) for a Horsefield's Tree Shrew (um, what did we know!). Then, quite suddenly and much to our surprise, our guide found two in a grove of trees hemmed in by manicured lawns, excellent! We then continued on north and west arriving at our resort hotel not far from Mejangnan Island.

As we only had two target mammals for Bali (Sunda Porcupine and Rusa Deer) we took the time to enjoy all available species (all of which we had seen elsewhere) as well as some of the island's birds. Black Giant and Plantain Squirrels (not uncommon), Javan Langur, Asian Palm Civet (in our hotel grounds) and Red Muntjak were all easy enough to see. After much effort in a remote part of the park we finally saw a Rusa Deer only to discover that they are common and easy enough to see in the grounds of the nearby Mejangnan Resort! For the porcupine we tried the grounds of the Park HQ but drew a blank here. The following night we searched some cultivated fields alongside the main road – dogs barked, fires glowed and villagers strolled – what chance did a poor porcupine stand, it seemed hopeless. Defeated, we headed for the car, the driver checking road culverts on the way... "hey meester, hey meester" he yelled frantically and... low and behold...he found us a Sunda Porcupine! This was an amazing but, as it turned out, bitter sweet find; the poor creature was injured, its foot badly damaged from a trap.

With time in hand I made the trip to Mejanan Island for some snorkelling. Wow! What an amazing experience, it was the best \$40 I have ever spent! The visibility was amazing (divers 25 meters below were clearly visible), the reef intact and the abundance, colour and diversity of fish and coral quite staggering.

After three rewarding weeks our journey through Indonesia had sadly come to an end. It surpassed expectation. The people were friendly, it appeared safe for the most part and we were blessed with an abundance of amazing wildlife experiences. Dave and I met as colleagues and departed as friends. Oh yes, and we got rained on only once!

## *Research and resources...*

---

Websites (just some of the main ones I used):

- 1) <http://www.mammalwatching.com/> - this is an excellent site managed by mammal enthusiast extraordinaire Jon Hall. It contains excellent information and reports. Notable are the trip reports (his and Richard Webb's were referred to most often) with Richard's report detailing the best places in the Way Kambas to look for mammals – his advice is true and reliable to the word, don't leave home without this report. I also contacted both Jon and Richard prior to the trip and their advice was valuable and appreciated a – big thanks to them.
- 2) <http://www.cloudbirders.com/tripreport> - a good site for birding trip reports, I also found a few records of mammals in the reports that proved useful.
- 3) <http://www.iucnredlist.org/> - the IUCN list is very useful for checking distributions (it has good spacial data) and background information on species.
- 4) <http://www.hbw.com> – the Handbook of the Birds of the World is online these days, I used it to research the Sulawesi part of the trip (and have managed to find plenty of other excuses to spend time on the site since – it is excellent!).

## Books

No one guide covers the region. A combination of guides and research on distributions prior to departing is essential.

1. A Field Guide to the Mammals of South-East Asia by Charles Francis: Of limited use in this area and heavy (I have a hardback) but useful to have along.
2. A Photographic Guide to Mammals of South-east Asia: Including Thailand, Malaysia, Singapore, Myanmar, Laos, Vietnam, Cambodia, Java, Sumatra, Bali and Borneo by Charles M. Francis: Small and very handy, I referred to this often.
3. A Field Guide to the Mammals of Borneo by J Payne and CM Francis. The single most useful guide to have on this trip I found.
4. Naturalist's Guide to the Mammals of South-East Asia: Malaysia, Singapore, Thailand, Myanmar, Cambodia, Laos, Vietnam by Chris R. Shepherd and Loretta Ann Shepherd. A good guide but with the above three at hand it did not lend much extra information and was probably not needed. Given that no one book covers the

region I recommend the first three books and potentially this one too if you have the space (it is small!).

5. *A Field Guide to the Birds of Borneo, Sumatra, Java and Bali* by John MacKinnon and Karen Phillipps. The only guide to the birds of most of the region – while a little outdated I enjoyed using it and could not have done without it.

## *Bits ‘n Pieces...*

---

- **Flights etc** - I used an agent to arrange some of the logistics in Java and Sumatra but arranged the rest of the trip myself booking flights and accommodations online. It could not have worked out better – all flights were on time, all guides and drivers pitched up at the right places and times. We found the airports for the most part efficient and while there may have been the odd cause for complaint we were very happy with all.
- **Weather** - I was expecting the worst weather wise (rain); this was the only real disappointment of the trip – we didn’t get rained on regularly, in fact we didn’t get rained on at all! Of the 22 days in Indonesia we had rain on 2 days when were comfortably ensconced in our accommodations. It was hot but not unbearably so and we worked our time in the field with the cooler times of day. In sum, the weather was more benign and agreeable than expected.
- **Mud and leeches (and footwear)** – we expected a lot of mud and leeches. We didn’t see too many of either actually and the pair of rubber boots I brought along were about as useful as a Turkish-Slovakian Dictionary on this trip. I wore sandals most of the time but did make sure I was very careful where I put my feet when off trail.
- **Guides** – given the amazing diversity of natural wonders in Indonesia there is a startling paucity of people that know where to find the animals. The agents I used helped me track down and book guides but regardless, we had challenges. We could find no-one reliable in Java, our guide in Borneo, while good, was not a specialist guide and in Bali our guide could find animals but spoke very little English. In Sumatra, Hari (who works for Satwa Lodge and can be booked through the lodge) is fantastic and knows where to find critters (mostly birds but also mammals - thanks in part to Richard Webbs’s two mammal trips) and in Sulawesi (Tangkoko) Iwan, a park guide, was excellent.

## *The itinerary...*

---

Day 1: Arrive Jakarta early evening.

Day 2: Jakarta and Cikananga Conservation Breeding Centre.

Day 3: Cikananga Conservation Breeding Centre to Gunung Gede

Day 4: Gunung Gede

Day 5: Gunung Gede

Day 6: Depart Gede for Jakarta. Flight to Bandar Lampung and xfer to Way Kambas.

Day 7: Way Kambas



Day 8: Way Kambas  
Day 9: Way Kambas  
Day 10: Way Kambas  
Day 11: Way Kambas to Tanjung Puting via Bandar Lampung, Jakarta & Pankalanbun  
Day 12: Tanjung Puting  
Day 13: Tanjung Puting  
Day 14: Tanjung Puting  
Day 15: Tanjung Puting to Jakarta and on to Manado. Overnight Manado.  
Day 16: Madano to Tangkoko  
Day 17: Tangkoko  
Day 18: Tangkoko to Manado in late afternoon.  
Day 19: Manado to Denpasar and on to Bali Barat NP  
Day 20: Bali Barat NP and surrounds  
Day 21: Bali Barat NP and surrounds  
Day 22: Depart Denpasar for home.

## *Annotated List of Species Recorded...*

---

### Mammals

#### TREESHREWS (Tupaiaidae)

Common Treeshrew (*Tupaia glis*)

Seen on several occasions in the grounds of Satwa Lodge, Way Kambas.

**Horsfield's (Javan) Treeshrew** (*Tupaia javanica*)

After dipping in Gede (much to our surprise and not for lack of trying) two were finally seen in Bedugul Botanical Gardens in Bali.

Striped Treeshrew (*Tupaia dorsalis*)

We had a great encounter with one of these feeding on the forest floor with a babbler flock at Leaky Camp in Tanjung Puting NP.

Pentail Tree-Shrew (*Ptilocercus lowii*)

A very cool mammal! This was a surprise and very fortunate find on our first night drive in the Way Kambas.

#### FRUIT-EATING BATS Pteropidae

Lesser Short-nosed Fruit Bat (*Cynopterus brachyotis*)

We had about 20 of these in one of the old buildings at the Way Kanan station.

Celebes Rousettes (*Rousettus celebensis*)

We had a dozen or so roosting in the hollow of a tree in Tangkoko.

#### BATS Vespertilionidae

[Lesser False Vampire (*Megaderma spasma*)]

We had good scope views of three these critters in one of the old buildings at the Way Kanan station. After pouring over the guide book we eventually concluded Greater False Vampire – according to the IUCN list however this species is not supposed to occur in Sumatra...we are left with little choice then but to conclude Lesser False Vampire.

## COLUGO Cynocephalae

### Sunda Flying Lemur (*Cynocephalus variegates*)

This is an awesome creature and, while hoping to see one, our chances were never great. Our many hours in the field paid off with an extended sighting of a mother hanging from a horizontal branch nestling a baby on her belly, wow! Way Kambas delivers again.

## POSSUMS AND CUSCUSES Phalangeridae

### Bear Cuscus (*Ailurops ursinus*)

We were fortunate to find this easily enough (with young!) within our first hour in Tangkoko. We saw four at that sighting and had an additional one further on.

## LORISES Loridae

### Greater Slow Loris (*Nycticebus coucang*)

We had two sightings of single animals in the Way Kambas. This has to be one of the most endearing animals on the planet. Everybody loves a Slow Loris!

## TARSIERS Tarsiidae

### Spectral Tarsier (*Tarsius spectrum*)

Our guide in Tangkoko lured one of these out of a fig root lattice work mid morning. We then found an additional one without 'baiting' in another fig and at least three calling and leaping through the forest. An amazing little mammal and a Sulawesi highlight.

## MONKEYS Cercopithecidae

### Long-tailed (Crab-eating) Macaque (*Macaca fascicularis*)

A common primate in this part of the world! Seen near daily in Sumatra, Borneo and Bali.

### Southern Pig-tailed Macaque (*Macaca nemestrina*)

We saw a small number on two days in the Way Kambas (two and then five animals) and two in Borneo.

### Celebes (Sulawesi) Crested Macaque (*Macaca nigra*)

A wonderful primate that we enjoyed extended encounters with. We saw the Rambo 2 troop on two days, 60 animals are said to make up this troop.

### Grizzled Leaf Monkey (*Presbytis comate*)

We saw a highly mobile group of five on our first morning walk in Guning Gede (Bogogol Research Station) and then a further two on the main Gede trail (to the volcano/waterfall)

### Mitred Leaf Monkey (*Presbytis melalophos*)

We saw a couple of these flighty and endearing little fellows at the Way Kanan base in the Way Kambas.

### Red Leaf Monkey (*Presbytis rubicund*)

After our Sumatra guide told us we had little hope for this in Tanjang Puting we were surprised and somewhat thrilled to find a troop of five of these very striking monkeys on our first morning in Borneo. Our excellent local guide owed thanks and credit here.

### Proboscis Monkey (*Nasalis larvatus*)

A freak of a monkey, all nose and beer belly! Scores of these adorned the riverside trees every afternoon in Tanjung Puting. We had seen several hundred by the time we left this park, fantastic!

Sundiac Silvered Langur (*Trachypithecus (Presbytis) cristatus*)

We had two on our Way Kanan boat trip in the Way Kambas and two sightings of singles on in Tanjung Puting.

Javan (Ebony) Langur (*Trachypithecus auratus*)

We had great looks at a troop of at least ten near the Bodogol Research base in Gede and views of around four from the main Gede trail.

### GREAT APES      Pongidae

Bornean Orangutan (*Pongo pygmaeus*)

We saw one wild animal on the Simpang River close to the junction with the Sekonyer in Tanjung Puting NP. Lots of semi wild ones were seen at a platform on our first day in the park.

### GIBBONS      Hylobatidae

Silvery (Javan) Gibbon (*Hylobates moloch*)

We had three on our first afternoon walk near Bodogol Research base and four (the same animals?) the following morning – this time we noticed a small baby clinging to one of the adults.

Agile Gibbon (*Hylobates agilis*)

One of these was seen (Richard only) on a morning walk in secondary forest upstream from Rimba Lodge in Tanjung Puting.

Siamang (*Symphalangus syndactylus*)

A wonderful animal with a big piercing call. Small numbers (two and three) seen on two mornings in the Way Kambas. It was heard every morning.

### MARTENS, WEASELS, BADGERS & OTTERS      Mustelidae

Yellow-throated Marten (*Martes flavigula*)

We had a single animal in the road in the Way Kambas.

### CIVETS AND MONGOOSES      Viverridae

Malayan Civet (*Viverra zibetha*)

We had this creature on most night drives in the Way Kambas.

Otter Civet (*Cynogale bennettii*)

Oh yes, Otter Civet! We had a mother and young shuffling down one of the swampy drainage lines in the Way Kambas (the same place where Storms Stork is seen). Following them on foot allowed several looks at this seldom seen animal.

Masked Palm Civet (*Paguma larvata*)

We had two sightings of this on night drives in the Way Kambas; an initial brief sighting and then what birders refer to as saturation views second time around, very nice!

Asian Palm Civet (*Paradoxurus hermaphrodites*)

We had one in Cikananga Breeding Centre, one in the Mendalawani Campground in Gede, one in the Way Kambas and finally the same animal (we presume) nightly near the restaurant at Mimpri Resort in Bali.

Banded Civet (*Hemigalus derbyanus*)

We had an all too brief sighting (Dave only) of this animal in the Way Kambas.

### CATS Felidae

#### Leopard Cat (*Prionailurus bengalensis*)

We had a wonderful sighting of one animal at the turn-off to the Rhino sanctuary in the Way Kambas. What a beautiful little cat! We had hoped to see a few more cats in the Kambas but one is certainly better than none (trips reports to this area often detail several sightings of two or even three species).

### PIGS Suidae

#### Bearded Pig (*Sus barbatus*)

We had two of these outside the restaurant at Camp Leaky – a welcome surprise.

#### Wild Boar (*Sus scrofa*)

Seen regularly in the Way Kambas and once in Bali Barat in Bali.

### MOUSE DEER Tragulidae

#### Lesser Oriental Chevrotain (*Tragulus kanchil*)

We had many sightings of these in the Way Kambas. A delightful animal!

#### Greater Oriental Chevrotain (*Tragulus napu*)

While we only had one confirmed sighting of this species in the Way Kambas there may have been more – many *Tragulus* managed to slip out of view before being confidently identified.

### DEER Cervidae

#### Sambar (*Rusa (Cervus) unicolor*)

A hefty animal. We saw small numbers daily (up to three a day) in the Way Kambas. We had one very memorable sighting on the boat trip.

#### Javan Rusa (*Rusa timorensis*)

Seen with some effort in Bali Barat NP and with no effort at all in the Mejangranj Resort grounds.

#### Red Barking Deer (*Muntiacus muntjak*)

We had a wonderful sighting of an animal coming to drink (and then bolting) from a quiet forest stream in Gede. This species was common in the Way Kambas and in Bali Barat NP.

### SQUIRRELS Sciuridae

#### Plantain Squirrel (*Callosciurus notatus*)

This is a common squirrel in the Way Kambas (up to three/day) and Bali Barat NPs (up to 12/day). We also had one in the Cikakanga Breeding Centre in Java and half dozen in Tangjung Puting NP.

#### Prevost's Squirrel (*Callosciurus prevostii*)

This has to be one of the world's most dapper squirrels! We had up to two a day while in the Way Kambas. One was seen by the local guide in Tangjung Puting.

#### Black-striped (Sunda Black-banded) Squirrel (*Callosciurus nigrovittatus*)

This is not uncommon in Guning Gede; we had sightings every day with up to six a day. We had regular sightings of smaller numbers in the Way Kambas.

#### Least (Common) Pygmy Squirrel (*Exilisciurus exilis*)

This was a surprise and very welcome find on our first walk in Tanjung Puting NP. A tiny and delightful little critter! We had an additional one at Leaky camp.

**Black-eared Pygmy Squirrel (*Nannosciurus melanotis*)**

We found this on two occasions at the Way Kanan bridge (this is the spot for them in the Way Kambas). We also had a couple of sightings of singles in Tanjung Puting NP. This is also an amazingly small squirrel and was a big hit.

**Three-striped Ground Squirrel (*Lariscus insignis*)**

We had a quick sighting (Dave only) in Gede on the main trail. We also had sightings on two days in the Way Kambas (one and then two).

**[Jentink's Flying Squirrel (*Hylopetes platyurus*)]**

We had several sightings of what we presume to be this species in the Way Kambas. Initially a single animal feeding in a tree, and then a pair in the same tree on a following night. We also had a single animal emerge (after a waiting game!) from a tree hollow. With limited field guides the closest we could come on features (size and reddish pelage with an obvious white base to the underside of the tail) was Grey-cheeked Flying Squirrel which, according to the IUCN list, does not occur here. Jentink's used to be listed under this species.

**Whitish Dwarf Squirrel (*Prosciurillus leucomus*)**

We had two sightings of this good looking squirrel in Tangkoko.

**Sulawesi (Celebes) Dwarf Squirrel (*Prosciurillus murinus*)**

We had a single sighting of this species in Tangkoko.

**Pale Giant Squirrel (*Ratufa affinis*)**

Much less common than its congener in this area (on this trip anyway), we had a single animal seen well near the Way Kanan Bridge.

**Black Giant Squirrel (*Ratufa bicolor*)**

We had small numbers of these (two/day) near daily in the Way Kambas. We had additional and more prolonged sightings in Bali Barat NP in Bali.

### RATS AND MICE Muridae

**Red Spiny Rat (*Maxomys surifer*)**

We had one of these cross the road in front of us on our first night drive in the Way Kambas.

### PORCUPINES Erethizontidae

**[Malayan/Sumatran Porcupine (*Hystrix brachyuran*/Sumatra)]**

We had a good but quick sighting of a porcupine in the Way Kambas. Initially thinking this was a Sumatra Porcupine on reflection I am unable to confidently say which species we saw; Malayan has been reported here according to trip reports.

**Sunda Porcupine (*Hystrix javanica*)**

We had a single (and sadly wounded) animal in a road culvert in Bali (on the main road from Mejanggan east).

## Birds

### MEGAPODES Megapodiidae

**Philippine Megapode (Tabon Scrubfowl) (*Megapodius cumingii*)**

We had two of these on the forest floor moments after we entered Tangkoko Forest for the first time, a wonderful introduction.

## PHEASANTS & ALLIES Phasianidae

### Crested Fireback (*Lophura ignite*)

A fantastic bird and, much to our delight, not uncommon in the Way Kambas. We enjoyed sightings of roosting birds on two night drives (one and then two) and then several additional daytime sightings of up to four birds at a time.

### Red Junglefowl (*Gallus gallus*)

A pleasure to see this critter in the wild. We had sightings on a couple of days in the Way Kambas with up to six birds a day.

### Green Junglefowl (NE) (*Gallus varius*)

A very handsome bird and wonderfully common in West Bali – we had up to 30/day in the right habitat.

### Great Argus *Argusianus argus*

A gargantuan pheasant! We had a breathtaking sighting of a male bird crossing the road only a few meters in front of us in the Way Kambas.

## DUCKS, GEESE & SWANS Anatidae

### White-winged Wood Duck (*Cairina scutulata*)

A Way Kambas special and a very rare bird elsewhere these days; we had two sightings of two birds (the same two I suspect) on the edge of a muddy pond next to the main road.

## STORKS Ciconiidae

### Lesser Adjutant (*Leptoptilos javanicus*)

We had a single bird at a muddy pool next to the road in the Way Kambas.

## HERONS, BITTERNES Ardeidae

### Little Egret (*Egretta garzetta*)

We had 3 of these fly over at Cikanaga and an additional sighting of one at both Tanjung Puting and Bali Barat NP.

### Purple Heron (*Ardea purpurea*)

We had one of these on the Way Kanan River.

### Great-billed Heron (*Ardea sumatrana*)

We had a single bird on the boat trip while at Tangkoko.

### Javan Pond Heron (*Ardeola speciosa*)

One of these nice birds was seen in breeding plumage in the mangroves at the lodge in Bali.

### Striated Heron (*Butorides striata*)

We had five birds on the Way Kanan River, one on the Sekonyer in Borneo and three more on the boat trip from Tangkoko.

### Black Bittern (*Dupetor flavicollis*)

A surprise and welcome addition to our Borneo trip – we had one flush from reeds and fly in front of our boat while on the blackwater heading for Camp Leaky.

### Pacific Reef Heron (*Egretta sacra*)

I had one on a platform of floating vegetation while on the Tangkoko mangrove trip.

### Eastern Cattle Egret (*Bubulcus coromandus*)

We saw at least 20 birds on each of our travel days in Bali.

## KITES, HAWKS & EAGLES      Accipitridae

White-bellied Sea Eagle (*Haliaeetus leucogaster*)

We had one of these from the Tangkoko boat trip.

Brahminy Kite (*Haliastur Indus*)

We had sightings of two singles on two days in Tanjung Puting.

Changeable Hawk-Eagle (*Nisaetus cirrhatus*)

We had three of these in Bali Barat NP.

Sulawesi Hawk-Eagle (ES) (*Nisaetus lanceolatus*)

We had one of these smart birds on a nest in Tangkoko.

Crested Serpent Eagle (*Spilornis cheela*)

We had great encounters with this handsome species. We had single sightings in Cikananga, Way Kambas, Tanjung Puting and Bali Barat NP.

## CARACARAS & FALCONS      Falconidae

Black-thighed Falconet (*Microhierax fringillarius*)

Not uncommon and very cute. We had a one in Gede, at least four in the Way Kambas and one in Bali.

## RAILS, CRAKES & COOTS      Rallidae

(H) Barred Rail (*Gallirallus torquatus*)

We heard one of these calling from secondary scrub in Tangkoko.

## SANDPIPERS, SNIPES      Scolopacidae

Common Sandpiper (*Actitis hypoleucos*)

We had one on the Tangkoko boat trip and a further three in Bali Barat NP.

Whimbrel (*Numenius phaeopus*)

Three were seen well in Bali Barat NP.

Grey-tailed Tattler (*Tringa brevipes*)

We had a single bird in the mangroves on the Tangkoko boat trip.

## PHALAROPES      Phalaropidae

Red-necked Phalarope (*Phalaropus lobatus*)

We had a raft of about 50 birds on the Tangkoko boat ride, a lovely bird and a welcome find!

## GULLS, TERNS & SKIMMERS      Laridae

White-winged Tern (*Chlidonias leucopterus*)

We had a single bird in the mangroves at the lodge in Bali.

Little Tern (*Sternula albifrons*)

As above a single bird in the mangroves at the lodge in Bali.

Lesser Crested Tern (*Thalasseus bengalensis*)

We had two of these good looking terns on a beach in Bali Barat NP.

Greater Crested Tern (*Thalasseus bergii*)

We had six of these in Bali.

## PIGEONS, DOVES Columbidae

### Black-naped Fruit Dove (*Ptilinopus melanospilus*)

This is a very smart bird that we were very pleased to see! We had three while in Tangkoko.

### Spotted Dove (*Spilopelia chinensis*)

This was a common bird in Bali. We had smaller numbers in Java and Sumatra.

### Island Collared Dove (*Streptopelia bitorquata*)

This was not uncommon in Bali – we saw good numbers on most days.

### Common Emerald Dove (*Chalcophaps indica*)

We had up to three a day while in the Way Kambas and a single in Bali.

### Zebra Dove (*Geopelia striata*)

This is a lovely little bird and is quite common in Bali where we had up to 20/day.

### Green Imperial Pigeon (*Ducula aenea*)

We had this daily in the Way Kambas with up to four a day and then in Tangkoko we had the rufous naped subspecies with up to half a dozen on one day.

### White-bellied Imperial Pigeon (ES) (*Ducula forsteni*)

We had three of these very smart birds during our morning scanning the canopy at Tangkoko.

### Silver-tipped (White) Imperial Pigeon (ES) (*Ducula luctuosa*)

We had three of these while at Tangkoko.

### Cinnamon-headed [Green] Pigeon (*Treron fulvicollis*)

We had one of these in the Way Kambas.

### Grey-cheeked Green Pigeon (*Treron griseicauda*)

We had a two on one day and six on another while in Tangkoko.

### Little Green Pigeon (*Treron olax*)

We had two of these in secondary scrub in Tanjang Puting NP.

### Pink-necked Green Pigeon (*Treron vernans*)

This is a very striking bird. We had excellent views of three birds on the Tangkoko mangrove trip.

## PARROTS Psittacidae

### Maroon-rumped Hanging Parrot (ES) (*Loriculus stigmatus*)

We had three of these lovely parrots while scanning the canopy in Tangkoko.

### Ornate Lorikeet (ES) (*Trichoglossus ornatus*)

A stunning parrot! We had a single bird perched on an exposed branch while scanning the canopy in Tangkoko.

### Yellow-breasted Racket-tail (ES) (*Prioniturus flavicans*)

Yet another successful find during our morning canopy vigil in Tangkoko.

### Long-tailed Parakeet (*Psittacula longicauda*)

This is a very lovely parrot that we enjoyed every day (up to 200/day) while in Tanjang Puting. Good numbers were seen flying over the river at dusk and we had an especially memorable sighting of a perched (and then mating) pair from the boat.

## CUCKOOS Cuculidae

### Black-bellied Malkoha (*Phaenicophaeus diardi*)

We had this bird on two days (two and then three) in the Way Kambas.

### Yellow-billed Malkoha (ES) (*Rhamphococcyx calyrorhynchus*)

This is a very good looking bird, two were seen in scrub on the morning canopy vigil.

### Raffles's Malkoha (*Rhinortha chlorophaea*)



We had this species every day in the Way Kambas (up to three/day) and then singles on each of two days while in Tanjung Puting.

Red-billed Malkoha (*Zanclostomus javanicus*)

We had this on three days in the Way Kambas with up to three a day.

Greater Coucal (*Centropus sinensis*)

We had two sunning themselves after a rain shower in Tanjung Puting NP.

(Asian) Drongo-Cuckoo (*Surniculus lugubris*)

We had one of these fly over the boat in response to playback while in Tanjung Puting NP.

### OWLS      Strigidae

Buffy Fish Owl (*Ketupa ketupu*)

This is a wonderfully common bird in the Way Kambas where we had many excellent sightings. We had up to two a day there and then a single in Tanjung Puting NP.

Ochre-bellied Boobook (ES) (*Ninox ochracea*)

We had a very memorable encounter of two of these very cute birds on a low exposed branch in Tangkoko.

Brown Hawk-Owl (*Ninox scutulata*)

We had two of these smart birds on the Way Kanan River.

Sunda (Collared) Scops Owl (*Otus lempiji*)

We had a single one of these in the village close to the entrance to Way Kambas.

Sulawesi Scops Owl (ES) (*Otus manadensis*)

We had one of these at a day roost not far from the car park in Tangkoko, a wonderful sighting!

(H) Oriental Bay Owl (*Phodilus badius*)

We heard one of these while mammal hunting in the Way Kambas.

### FROGMOUTHS      Podargidae

Large Frogmouth (*Batrachostomus auritus*)

We had a single bird in the Way Kambas.

Sunda Frogmouth (*Batrachostomus cornutus*)

As above we had a single bird in the Way Kambas.

### NIGHTJARS      Caprimulgidae

Sulawesi Nightjar (ES) (*Caprimulgus celebensis*)

We had three of these while searching for mammals in Tangkoko.

Large-tailed Nightjar (*Caprimulgus macrurus*)

We had one of these while on the Way Kanan boat trip.

### TREESWIFTS      Hemiprocnidae

Grey-rumped Treeswift (*Hemiproctus longipennis*)

This is a lovely bird! We had good view of two in Tanjung Puting and two in Tangkoko.

### SWIFTS      Apodidae

[Edible-nest/Black-nest Swiftlet (*Aerodramus fuciphagus/maximus*)]

We had many hundreds of these birds in Borneo and were told they were Edible-nest. However, not being able to see the birds on the nests made it impossible to ID them with confidence. In Kumai in Borneo, seeing the nest factories and hearing the call blasting from rooftop speakers was a surreal experience.

Linchi (Cave) Swiftlet (*Collocalia linchii*)

Not uncommon in Java, we saw up to 20 a day while in Gede and in Bali.

Glossy Swiftlet (*Collocalia esculenta*)

This is the commonest swift in the Way Kambas, Tanjang Puting and Tangkoko, we saw many.

### TROGONS Trogonidae

Diard's Trogon (*Harpactes diardii*)

Initially heard; we had a quick flight view of a single bird in the Way Kambas.

Scarlet-rumped Trogon (*Harpactes duvaucelii*)

We had three of this stunning species while in the Way Kambas.

Red-naped Trogon (*Harpactes kasumba*)

A gorgeous bird that we saw very well on two occasions in the Way Kambas.

### ROLLERS Coraciidae

[Oriental] Dollarbird (*Eurystomus orientalis*)

We saw two birds in Bali Barat NP.

### KINGFISHERS Alcedinidae

Rufous-collared Kingfisher (*Actenoides concretus*)

We had two sightings of singles while in the Way Kambas – nice bird!

Green-backed Kingfisher (ES) (*Actenoides monachus*)

Common in Tankoko – we had two and then three on each of our full days in the forest. This bird perches low on exposed branches and is a joy to see.

Cerulean (Small Blue) Kingfisher (*Alcedo coerulescens*)

This is a delightful little bird, we had sightings of a pair and two singles in the mangroves at our Bali lodge.

Blue-eared Kingfisher (*Alcedo meninting*)

We had two on the Way Kanan River and one on the Sekonyer in Borneo.

Oriental Dwarf (Rufous-backed) Kingfisher (*Ceyx erithaca*)

One of these critters whipped across the Sekonyer River as we made our way towards Kumai.

Ruddy Kingfisher (*Halcyon coromanda*)

One of the smartest kingfishers around (after all it's pink and orange!). We had excellent views of one on the river at the park entrance at Tangkoko and another in the forest.

Javan Kingfisher (NE) (*Halcyon cyanoventris*)

We had one of these at Cikanaga and an additional bird in Bali.

White-throated Kingfisher (*Halcyon smyrnensis*)

We had two on these widespread kingfishers on the Way Kanan boat trip.

Banded Kingfisher (*Lacedo pulchella*)

We had excellent scope views of this species in the Way Kambas. Over two days we saw a total of three birds.

Stork-billed Kingfisher (*Pelargopsis capensis*)

We had three on the Way Kanan boat trip and up to three daily on the Sekonyer in Borneo.

Great-billed (Black-billed) Kingfisher (ES) (*Pelargopsis melanorhyncha*)  
Two seen with ease (and no small measure of relief!) on the Tangkoko estuary trip, fantastic bird!

Collared Kingfisher (*Todiramphus chloris*)  
We had a single bird in the Way Kambas, three in Tangkoko and several a day in Bali.

#### BEE-EATERS      Meropidae

Chestnut-headed Bee-eater (*Merops leschenaultia*)

We had four of these smart birds in Bali Barat NP.

Blue-tailed Bee-eater (*Merops philippinus*)

We had up to 20 a day while in Bali Barat NP.

Blue-throated Bee-eater (*Merops viridis*)

We had these at the Way Kanan station and on the river trip; up to 20 a day were seen. We had a small number in Tanjung Puting.

#### HORNBILLS      Bucerotidae

Knobbed Hornbill (ES) (*Aceros cassidix*)

This is an amazing looking bird. We had several excellent sightings in Tangkoko with one to two seen a day.

Bushy-crested Hornbill (*Anorrhinus galeritus*)

We had three flying through the mist and then a single in Tanjung Puting NP.

Oriental Pied Hornbill (*Anthracoceros albirostris*)

We had a single bird in the riverine vegetation in Tanjung Puting NP.

Black Hornbill (*Anthracoceros malayanus*)

As above we had a single bird in the riverine vegetation in Tanjung Puting NP.

#### ASIAN BARBETS      Megalaimidae

Blue-eared Barbet (*Megalaima australis*)

Heard in the Way Kambas and singles seen on two occasions in Tanjung Puting NP.

Coppersmith Barbet (*Megalaima haemacephala*)

A smart and unusual Asian barbet (it's not mostly green!), we had eight in the woodland at the Mejangnan Resort.

Lineated Barbet (*Megalaima lineate*)

We had four in the woodland at the Mejangnan Resort.

Red-crowned Barbet (*Megalaima rafflesia*)

We had singles on two days in the Way Kambas.

#### HONEYGUIDES      Indicatoridae

Malaysian Honeyguide (*Indicator archipelagicus*)

An excellent find, we had three of these interacting in the Way Kambas. We enjoyed good scope views.

#### WOODPECKERS      Picidae

White-bellied Woodpecker (*Dryocopus javensis*)

We had good scope views of a single bird in the Way Kambas.

Buff-rumped Woodpecker (*Meiglyptes tristis*)

We had views of a single bird in a feeding flock in Tanjung Puting NP.

Ashy Woodpecker (ES) (*Mulleripicus fulvus*)

Delightfully (and rather surprisingly) common in Tangkoko; we had up to five a day while there.

Crimson-winged Woodpecker (*Picus puniceus*)

A beautiful and frequent bird of the Way Kambas where we had a couple on most days. We also had a sighting of a single in Borneo.

Banded Woodpecker (*Chrysophlegma miniaceus*)

We had one of these at Way Kambas.

Fulvous-breasted Woodpecker (*Dendrocopos macei*)

We had a single bird in Bali Barat NP.

Sunda Pygmy (Brown-capped) Woodpecker (*Dendrocopos moluccensis*)

A bird of open, more secondary habitat, we saw a couple of these from the garden at Satwa lodge.

Rufous Piculet (*Sasia abnormis*)

A very rewarding find – this flighty bird was seen well (not without effort) in Way Kambas.

### BROADBILLS     Eurylaimidae

Black-and-red Broadbill (*Cymbirhynchus macrorhynchus*)

This is a very striking bird and was Dave's bird of the trip. We had one on the Way Kanan boat trip and a single and then a pair at a hole nest on the Sekonyer River in Borneo.

Black-and-yellow Broadbill (*Eurylaimus ochromalus*)

We had sightings of two singles in the Way Kambas and then one in Tanjung Puting.

### PITTAS     Pittidae

Red-bellied (Blue-breasted) Pitta (*Erythropitta erythrogaster*)

Iwan did a great job of tracking down this widespread but lovely pitta in Tangkoko.

### WOODSHRIKES AND ALLIES     Tephrodornithidae

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

We had single sightings on two days in the Way Kambas and a single bird in Bali.

### BRISTLEHEAD     Pityriasisidae

Bornean Bristlehead (BE) (*Pityriasis gymnocephala*)

A surprise and welcome find! We had a group of these (with excellent views of one) during our first walk in Tanjung Puting NP.

### WOODSWALLOWS     Artamidae

White-breasted Woodswallow (*Artamus leucorhynchus*)

We had two in the Way Kambas, six in Tangkoko and several more in Bali.

### IORAS     Aegithinidae

Common Iora (*Aegithina tiphia*)

We had these on three days in the Bali Barat NP with up to half a dozen in one day.  
Green Iora (*Aegithina viridissima*)  
We had one in the Way Kambas and one in Tanjung Puting.

#### CUCKOO SHRIKES *Campephagidae*

Small Minivet (*Pericrocotus cinnamomeus*)  
We enjoyed sightings on two days (two and eight) in Bali Barat NP.  
Scarlet Minivet *Pericrocotus speciosus*  
Our first bird in Gede where we had a male and female, stunning!  
White-shouldered Triller (*Lalage sueurii*)  
We had sightings on two days (one and then six) in Bali Barat NP.  
Javan Cuckooshrike (*Coracina javensis*)  
We had two of these on our way out of Mejangranj Resort on Bali.  
White-rumped Cuckooshrike (ES) (*Coracina leucopygia*)  
We had four of these on the Tangkoko mangrove boat trip.  
Bar-bellied Cuckooshrike (*Coracina striata*)  
We had two birds at a nest in Way Kambas.

#### SHRIKES *Laniidae*

Long-tailed Shrike (*Lanius schach*)  
We had single birds in Tanjung Puting and Bali Barat NP.  
Tiger Shrike (*Lanius tigrinus*)  
We had a single bird in Tanjung Puting NP.

#### FIGBIRDS & ORIOLES *Oriolidae*

Black-naped Oriole (*Oriolus chinensis*)  
We had two in Tangkoko and two in Bali Barat NP.  
Dark-throated Oriole (*Oriolus xanthonotus*)  
We had a single bird in the Way Kambas.

#### DRONGOS *Dicruridae*

Bronzed Drongo (*Dicrurus aeneus*)  
We had a single bird in the Way Kambas.  
Hair-crested Drongo (*Dicrurus hottentottus*)  
We had two birds on each of two days in Tangkoko and a single in Bali Barat.  
Ashy Drongo (*Dicrurus leucophaeus*)  
We had one in Cibodas Botanical Garden (on a nest) and two on each of two days in Bali.  
Black Drongo (*Dicrurus macrocercus*)  
We had one in Cibodas and three in Bali Barat NP.  
Greater Racket-tailed Drongo (*Dicrurus paradiseus*)  
Wonderful that this very impressive bird is so common; we had around three daily in the Way Kambas.

#### FANTAILS *Rhipiduridae*

[Malaysian] Pied Fantail (*Rhipidura javanica*)

We had two in Tanjang Puting and two in Bali Barat.  
Spotted Fantail *Rhipidura perlata*  
We had a single bird in Tanjang Puting.

#### MONARCHS Monarchidae

Black-naped Monarch (*Hypothymis azurea*)  
We had one bird in each of the Way Kambas, Tangkoko and Bali Barat and two pairs in Tanjang Puting.  
Asian Paradise Flycatcher (*Terpsiphone paradise*)  
We had two in the Way Kambas and one in Tanjang Puting.

#### CROWS, JAYS Corvidae

Racket-tailed Treepie (*Crypsirina temia*)  
We had a single bird in dry scrub on Bali.  
Slender-billed Crow (*Corvus enca*)  
We had four in the Way Kambas and daily sightings of small numbers (two/day) in Tangkoko.

#### TITS, CHICKADEES Paridae

Great Tit (*Parus major*)  
We had a single bird on each of two days in Bali Barat NP.

#### BULBULS Pycnonotidae

Yellow-bellied Bulbul (*Alophoixus phaeocephalus*)  
We had one bird in the Way Kambas.  
Sooty-headed Bulbul (*Pycnonotus aurigaster*)  
We had a couple in Jakarta, four in Tangkoko and one in Bali Barat.  
Spectacled Bulbul (*Pycnonotus erythrophthalmos*)  
We had two birds in the Way Kambas.  
Yellow-vented Bulbul (*Pycnonotus goiavier*)  
We had six on one day and four on the next in Tanjang Puting NP and three in Bali.  
Olive-winged Bulbul (*Pycnonotus plumosus*)  
We had a single bird in Tanjang Puting.  
Hook-billed Bulbul (*Setornis criniger*)  
A great bird; we really enjoyed seeing this bird on two occasions while in Tanjang Puting.

#### SWALLOWS, MARTINS Hirundinidae

Pacific Swallow (*Hirundo tahitica*)  
We had up to four a day in Tangkoko and Tanjang Puting.

#### LEAF WARBLERS & ALLIES Phylloscopidae

Sunda (White-rumped) Warbler (NE) (*Seicercus grammiceps*)  
We had one of these tiny birds in Gede and a pair in Bedugul Botanical Gardens in Bali.

### CISTICOLAS & ALLIES Cisticolidae

Bar-winged Prinia (NE) (*Prinia familiaris*)

We had two birds in woodland in the Mejangsan Resort.

Ashy Tailorbird (*Orthotomus ruficeps*)

A common bird, we heard it often and got good views of two in the Way Kambas.

Olive-backed Tailorbird (NE) (*Orthotomus sepium*)

We had two birds in woodland in the Mejangsan Resort.

### BABLERS Timaliidae

Chestnut-winged Babbler (*Stachyris erythroptera*)

We had one in the Way Kambas and two in a feeding flock in Tanjung Puting.

Chestnut-rumped Babbler (*Stachyris maculate*)

We had a single bird in a feeding flock in the Way Kambas.

Black-throated Babbler (*Stachyris nigricollis*)

We had three birds in a feeding flock in Tanjung Puting.

Chestnut-backed Scimitar Babbler (*Pomatorhinus montanus*)

This is a lovely charismatic bird, we had two in the Bedugul Botanical Gardens.

[Bold]-striped Tit-Babbler (*Macronous bornensis(gularis)*)

We had two pairs of this vocal species in thickets in secondary habitat in Tanjung Puting NP.

Fluffy-backed Tit-Babbler (*Macronous ptilosis*)

We had good views of a single bird calling in a thicket in the Way Kambas.

### FULVETTAS, GROUND BABBLERS Pellorneidae

Black-capped Babbler (*Pellorneum capistratum*)

We had one of these in a feeding flock in Tanjung Puting NP.

Pygmy Wren-babbler (*Pnoepyga pusilla*)

This is a very cute bird and often heard in Gede. We had a very memorable sighting of one on the main volcano trail.

White-chested Babbler (*Trichastoma rostratum*)

We had a single bird in Tanjung Puting NP.

Short-tailed Babbler (*Malacocincla malaccensis*)

We had a single bird on a buttress root in Tanjung Puting NP.

Horsfield's Babbler (*Malacocincla sepiaria*)

We had three in Gede.

Scaly-crowned Babbler (*Malacopteron cinereum*)

We had a single bird in Tanjung Puting NP.

### NUTHATCHES Sittidae

Velvet-fronted Nuthatch (*Sitta frontalis*)

Not uncommon in Gede where we had up to half a dozen in a day; a further two seen in the Way Kambas.

### WHITE-EYES Zosteropidae

Oriental White-eye (*Zosterops palpebrosus*)

At least half a dozen while in Gede.

## FAIRY-BLUEBIRDS Irenidae

Asian Fairy-bluebird *Irena puella*

We had a silhouette view of one of these in the Way Kambas.

## STARLINGS Sturnidae

Javan (White-vented) Myna (*Acridotheres javanicus*)

Two were seen at the roadside near the Mejangan.

Black-winged Starling (NE) (*Acridotheres melanopterus*)

We had four of these smart birds in the Mejangan woodland.

Short-tailed Starling *Aplonis minor*

At the Bedugul Botanical Gardens 20 of these were seen.

Grosbeak Starling (ES) (*Scissirostrum dubium*)

An amazing bird! We had great sightings of this gregarious species on each of our two full days with up to 50 a day.

Bali Myna (E) (*Leucopsar rothschildi*)

The island's only endemic and a very handsome beast. We found two in the 11<sup>th</sup> hour in woodland at the Mejangan Resort.

## THRUSHES Turdidae

Javan Whistling Thrush (NE) (*Myophonus glaucinus*)

We had one in the understory not far from the main office in Gede.

Blue Rock-thrush (*Monticola solitarius*)

A single bird was seen on a rocky shoreline on the Tangkoko boat ride.

## CHATS, OLD WORLD FLYCATCHERS Muscicapidae

Grey-streaked Flycatcher (*Muscicapa griseisticta*)

During our morning canopy vigil at Tangkoko we had two of these migrants.

Yellow-rumped Flycatcher (*Ficedula zanthopygia*)

A lovely bird. We had single birds on each of two days in the Way Kambas.

Oriental Magpie-Robin (*Copsychus saularis*)

While spotlighting on the Way Kanan River we found a quartet of these hunkering down for the night.

Rufous-tailed Shama (*Trichixos pyrrhopygus*)

One bird was seen well in Way Kambas.

White-crowned Forktail (*Enicurus leschenaultia*)

In the heat of the afternoon one of these was seen coming into a drying waterhole.

Lesser Forktail (*Enicurus velatus*)

I saw a pair of these on the river that runs through the Cibodas Botanical Garden, a delightful bird to watch.

Little Pied Flycatcher (*Ficedula westermanni*)

The best we could do was a female in Bali Barat NP!

## LEAFBIRDS Chloropseidae

Blue-winged Leafbird (*Chloropsis cochinchinensis*)



A sighting of one and then two birds in the Way Kambas.

### FLOWERPECKERS      Dicaeidae

Grey-sided Flowerpecker (ES) (*Dicaeum celebicum*)

Two were seen in Tangkoko and one in Tasikoki Rescue Centre.

Blood-breasted Flowerpecker (NE) (*Dicaeum sanguinolentum*)

We had two of these in the Gede area.

Orange-bellied Flowerpecker (*Dicaeum trigonostigma*)

We saw one of these at the Way Kanan station.

Scarlet-headed Flowerpecker      *Dicaeum trochileum*

We had one of these at the Cikanaga Breeding Centre and excellent views of one in Bali.

Yellow-breasted Flowerpecker (*Prionochilus maculatus*)

We had one bird and then two in Tanjang Puting NP.

Scarlet-breasted Flowerpecker (*Prionochilus thoracicus*)

This is a stunning bird. A single graced us with his presence in Tanjang Puting NP.

### SUNBIRDS AND SPIDERHUNTERS      Nectariniidae

Brown (Plain)-throated Sunbird (*Anthreptes malacensis*)

The most widespread and regularly encountered sunbird on the trip. At each site, bar Gede, we had up to three.

Olive-backed Sunbird (*Cinnyris jugularis*)

We had one in Jakarta, four in Tangkoko and around seven in Bali.

Purple-naped Sunbird (*Hypogramma hypogrammicum*)

A single bird was seen in the Way Kambas.

Purple-throated Sunbird (*Leptocoma sperata*)

We had a single bird in Tanjang Puting.

Little Spiderhunter (*Arachnothera longirostra*)

A single bird was seen mobbing a Wagler's Pit Viper in the lodge grounds in Borneo.

### OLD WORLD SPARROWS      Passeridae

Eurasian Tree Sparrow (*Passer montanus*)

Urban centres throughout

### WAXBILLS, MUNIAS & ALLIES Estrildidae

Javan Munia (*Lonchura leucogastroides*)

Oddly enough just the one at Cikanaga Center.

Scaly-breasted Munia (Nutmeg Mannikin) (*Lonchura punctulata*)

A flock of three birds in the Satwa grounds in Sumatra.

### WAGTAILS, PIPITS      Motacillidae

Yellow Wagtail (*Motacilla tschutschensis*)

A single bird was seen pecking its reflection in a side mirror in Cibodas Botanical Gardens.

## Reptiles

Flying Lizard (*Draco* sp.)

While we didn't ID this to species is just had to be included – what an amazing lizard! We watched a pair chase each other around flying from trunk to trunk, showing off their yellow dewlaps. Bizarre creature.

Green Crested Lizard (*Bronchocela cristatella*)

We had one of these in a tree in the lodge grounds in Borneo.

Puff-faced Water Snake (*Hommalopsis buccata*)

We enjoyed watching this reptile lying underwater, near perfectly camouflaged (after all we found it!), from the jetty on the Way Kanan River.

**Wagler's Pit Viper (*Tropidolaemus wagleri*)**

We had one in a tree at the lodge in Borneo and another just a few centimetres off the forest floor in Tangkoko. This is a remarkably beautiful snake!

Estuarine Crocodile (*Crocodylus porosus*)

These were encountered on the Way Kanan River and in Tanjung Puting NP.

Sunda Gharial (*Tomistoma schlegelii*)

We had sightings of two of these beautiful and rather odd reptiles in Borneo.

---

END

---