



ROCKJUMPER

Worldwide Birding Adventures

Indonesia - Sulawesi & Halmahera Wallacean Endemics *6th to 23rd August 2016* Trip Report



Knobbed Hornbill by David Erterius

Trip report compiled by Tour Leader: David Erterius



Tour Summary



Pale-headed Munia by David Erterius

Part of Indonesia's nearly 17,000 islands, and considered one of the endemic hotspots of the world - the islands between Borneo and New Guinea form a biogeographical connection between the Oriental and Australian avifauna. The region is often called Wallacea, after the English 19th-century explorer Alfred Russel Wallace, and consists of three distinct subregions: Sulawesi, the Lesser Sundas and the Moluccas. On this trip, we focused on two of these subregions - the island of Sulawesi and the Moluccas, the latter by visiting the island of Halmahera. These two relatively large islands still support some of the most spectacular birds on earth, despite the increasingly devastating effects of rapid population growth and associated habitat destruction for agriculture and urban sprawl. Our tour ventured into several remote regions, including travelling through the best of these island's important natural biomes, which ranged from the scenic mountainous interior to volcanic coastal forests. During our adventurous journey, we amassed an outstanding

collection of quality avian specialities and other exciting wildlife, as well as gaining a fine overview of the local Indonesian culture. We racked up a total of 237 species during our 18 days of fabulous birding, 106 of which are endemic to the two subregions of Sulawesi and the Moluccas. The many avian highlights included highly sought after species like the amazing Standardwing and fabulous Ivory-breasted Pitta on Halmahera and a further set of endemics on Sulawesi, such as the strange Maleo, odd Sulawesi Thrush, elusive Great Shortwing, smart Maroon-backed Whistler, striking Red-backed Thrush, and family endemic Hylocitrea. On top of this, a whole set of stunning endemic kingfishers as well and a fine set of night-birds, including the recently described Cinnabar Boobook, the tricky Halmahera Boobook as well as Satanic Nightjar and Ochre-bellied Boobooks at their day roosts.

The birding commenced in the afternoon on our first day, as we headed to an area of rice paddies and ponds, mixed with farmbush and grassland. As we were nearing the area, a nice male Spotted Harrier was spotted from the vehicles and we could study it for a few minutes as it was soaring high overhead, being constantly mobbed by a White-breasted Woodswallow. Arriving at the spot, with relatively little effort, we managed to find a good selection of species and were treated to some nice introductory birding. As we walked along the embankments, we enjoyed good numbers of Javan Pond



Sulawesi Hornbill by David Erterius



Heron feeding in the ponds and we also found Striated Heron, Purple Heron and Little Egret whereas a couple of Wandering Whistling Duck and a single Yellow Bittern were flushed from the more densely vegetated ponds.



Yellow-sided Flowerpecker
by David Erterius

Our first species of kingfisher of many to come, a Sacred Kingfisher, showed off really well and a nearby dry and bushy area with small patches of grassland produced our first Sulawesi-endemic, namely Sulawesi Pygmy Woodpecker. Here, we also found Golden-bellied Gerygone, White-shouldered Triller, both Sooty-headed and Yellow-vented Bulbul, an elusive Clamorous Reed Warbler, Lemon-bellied White-eye and Olive-backed Sunbird, among others. A mixed flock consisting of Chestnut and Scaly-breasted Munia showed well and we managed to pick out a bird with hybrid characters amongst them. A third species of munia was seen nearby, namely Pale-headed Munia. Uniform Swiftlets were ever-present in the airspace overhead and our first Blue-tailed Bee-eaters of the trip flew by. Chuffed with a great start to the trip, we headed back to our accommodations to freshen up and enjoy a welcome dinner.

Early the following morning, we paid a visit to the limestone crags of Karaenta Forest. Departing Makassar, we set off early to maximise our limited time as we had a flight to catch at midday. Arriving in Karaenta Forest, we had a good field breakfast and were all ears, particularly for one localised endemic, namely the Black-ringed White-eye. After a while, we picked up the distinctive song note of the species and subsequently enjoyed multiple good looks at a total of three birds. Other noteworthy sightings here included an additional five species of Sulawesi-endemics, namely White-bellied Imperial Pigeon, Sulawesi Hornbill, the newly described Sulawesi Streaked Flycatcher and both Yellow-sided and Grey-sided Flowerpecker. We also had our first looks at more widespread species like Green Imperial Pigeon, Hair-crested Drongo and Black Sunbird and could add the first mammal of the trip as well, namely Moor Macaque. After a short northbound flight to the coastal town of Palu, we drove inland for several days of very exciting birding in the exceptionally bird-rich Lore Lindu National Park, which harbours nearly all of Sulawesi's montane birds. The birding here kicked-off in earnest on the next day, just before the crack of dawn, in order to try for the relatively recently described Cinnabar Boobook, one of the several endemic owl-species on Sulawesi. With relatively little effort, we managed to coax one bird in and enjoyed subsequent great looks at it for a couple of minutes or so, before it flew off.



Sulawesi Myna by David Erterius





Purple-bearded Bee-eater
by David Erterius

Dawn was coming quickly and we soon found ourselves at the front office in the forest proper, ready for some real forest birding. As the forest slowly became more vibrant and alive, we realised how productive the nowadays relatively small patch of good, untouched montane rainforest at the heart of the National Park is, with a plethora of interesting species. Slender-billed Cuckoo-Doves and small parties of Citrine Lorikeet, Black-crowned White-eyes and Fiery-browed Starlings were all busy feeding high up in the canopy and a little lower, single Pygmy Cuckooshrikes. Rusty-bellied Fantail, Citrine Canary-Flycatcher and Turquoise Flycatcher were all at the lower to mid-level of the trees. A Yellow-billed Malkoha showed up and offered the best views of the trip. Venturing along trails into the forest, we had good looks at Sulphur-vented Whistler, Dark-eared Myza, Sulawesi Babbler and Blue-fronted Blue Flycatcher. A more open area between the forest and a small lake yielded Grey-rumped Treeswift, Collared Kingfisher, White-breasted Woodswallow, Black-naped Oriole, Short-tailed and Grosbeak Starling, all perched up nicely in tall dead trees, whereas Little Pied Flycatcher and Mountain White-eye showed well at eye-level. Back at the road that bisects the forest, we found even more Sulawesi-endemics, namely the fine-looking Red-eared Fruit Dove, the velvety blue-greyish Cerulean Cuckooshrike, dainty Sulawesi Myzomela and the tricky Crimson-crowned Flowerpecker and

elusive Chestnut-backed Bush Warbler. At a roadside stop on the way out from the forest, we found a very cooperative singing male Sulawesi Cicadabird and had our first looks at Great Hanging Parrot that was of two birds coming in to drink from the top of a broken palm tree. The rest of the day was spent at slightly lower elevations and in a more open area nearby, with good secondary forest bordering some mixed farmbrush. Here we had our first encounter with the magnificent Knobbed Hornbill as two birds majestically flew high up along a ridge and perched up allowing for good scope views, an impressive sight indeed! Two more Sulawesi-endemics in the form of Ivory-breasted Woodswallow and Sulawesi Serpent Eagle were a nice addition as well.

One of the days in Lore Lindu was entirely dedicated to the higher elevations, namely the magnificent montane forest on upper Mount Rorekatimbu. To get there, we had to hike on an old logging road, departing just before dawn in order to reach the upper forest in good time for birding. Two of our target species here were the spectacular Purple-bearded Bee-eater and the poorly-known Satanic Nightjar, only rediscovered in the late 1990's. We



Satanic Nightjar by David Erterius



managed to connect with the former twice, along the upper stretch of the track and further down, at a huge landslide whereas we found a total of four birds of the latter.



Green-backed Kingfisher by David Erterius

Another highly sought-after endemic appeared along the upper stretch of the track and for a minute or so, we all watched an unobtrusive *Hylocitrea* in awe, quietly feeding further inside the forest. Other goodies that we recorded up in these magnificent montane forests were Sulawesi Leaf Warbler, Streak-headed White-eye, Snowy-browed Flycatcher, Mountain Serin, Grey-headed Imperial Pigeon, Golden-mantled Racket-tail, Dark-eared Myza and we had additional views of White-eared Myza. The final morning saw us trying to catch up with a few important species that we were still missing, starting off with an obliging Sulawesi Thrush, foraging by the roadside at dawn, then good looks at a fine male of the tricky Great Shortwing and then off to a spot for Maroon-backed Whistler, which after some effort, eventually gave perfect open views for all to admire. Leaving Lore Lindu, we next made our way back to Palu, locating Hair-crested Drongo and Sulawesi Drongo perched up side by side, our first Pale-blue Monarch for the trip and our second Crimson-crowned

Flowerpecker showed all too briefly. After a scrumptious lunch at a local restaurant near our hotel in central Palu, we headed out again by mid-afternoon in order to search for the localized Javan Plover, a species we had missed earlier in Makassar. We bagged our quarry almost immediately, finding a total of five adults plus a newly hatched chick. Up next was a dry and flat area, consisting of savanna-type small patches of grassland with scattered scrubs, bisected by a small stream. Here we found good numbers of Blue-tailed Bee-eaters, Barred Buttonquail, Lemon-bellied White-eye and several Savanna Nightjars. Also, a territorial male Lesser Coucal showed nicely. On the way back to the hotel, we drove by a stake-out for the rather localised Sulawesi-endemic, Pale-bellied Myna and managed to see one bird.

We then had a full transfer-day as we travelled via domestic flight to Manado in the Minahassa region, further north-east, before continuing by driving towards Kotamobagu. Some roadside birding along the way between Manado and Kotamobagu produced a few new birds for the trip, such as Sunda Teal, Buff-banded Rail and White-browed Crake and we had even better views of a male Spotted Harrier that was patrolling low over the rice fields. Our two full days of birding in Dumoga-Bone National Park commenced by visiting a protected section of lowland rainforest, where a conservation programme for the endangered Maleo has been implemented at nesting grounds in the forest - with hatchery projects and improved guard patrolling.



Sulawesi Dwarf Kingfisher by David Erterius





Yellow-breasted Racket-tail by David Erterius

site yielded good numbers of White-headed Stilt and Wood Sandpiper and we were thoroughly entertained by an Intermediate Egret that was busy struggling with an “eel”. We then stopped by at a small, relatively undisturbed swamp, where we added White-faced Dove to the list of Sulawesi-endemics and also caught up with better looks at Wandering Whistling Duck and Sunda Teal.

The next day was dedicated to exploring the mid-elevation forest along the Molibagu Road, which proved to be very productive. Highlights here included six new Sulawesi-endemics in the form of good lengthy scope views of an adult Sulawesi Goshawk perched on a dead tree, a confiding pair of Sulawesi Dwarf Kingfisher, Pygmy Hanging Parrots, Pied Cuckooshrike, Sulawesi Mynas feeding in a fruiting tree by the roadside and several White-necked Mynas. A bonus were the five Gorontalo Macaques that we found across a valley, busy feeding in the foliage of tall trees. Other noteworthy sightings in this area were our first Black-naped Fruit Doves and Crimson Sunbirds of the trip and additional lengthy scope views of calling White-faced Dove and further looks at both Knobbed Hornbill and Sulawesi Hornbill. We also caught up with better views of Grey-headed Imperial Pigeon, Purple Needletail and Ivory-backed Woodswallow. Heading to another forest patch and descending slightly, we had another delicious lunch on our arrival, cooked by our lovely private cook, Anne. A juvenile Rufous-bellied Hawk-Eagle gave perfect open views through the scope and a Common Kingfisher showed briefly, both along a nearby stream before it was time to cross by a raft, allowing us access to the forest proper by mid-afternoon. Having walked along the trail for a while, glimpses of an unidentified ground-dweller by the side of the trail turned out to be a Red-bellied Pitta.



Sulawesi Scops Owl by David Erterius





Celebes Crested Macaque by David Erterius

A little further ahead, we managed to connect with another one, although also showing all too briefly. Reaching the edge of the forest and an area of open farmbrush, we were lucky to obtain fantastic perched views of Yellow-breasted Racket-tail (this species is often just seen flying by). At this spot, we also had our first sighting of Silver-tipped Imperial Pigeon and we heard the characteristic “barking” note of Oberholser’s Fruit Dove, although it was reluctant to show itself.

Next, we headed for Tangkoko Nature Reserve, stopping at Gunung Ambang en route. A rather steep walk up the mountain and the venture into its moist montane forest was worthwhile as we found the desired target, the relatively recently described, and nowadays endangered, Matinan Blue Flycatcher, and quite unexpectedly, a juvenile bird! We were also pleased with catching up on even better looks at Sulawesi Babbler and Snowy-browed Flycatcher. Another pair of Purple-bearded Bee-eater was appreciated, especially by Peter, who didn’t see it up the

Anaso Track. The deep, booming call of a Sombre Pigeon was also heard but the bird never showed up despite our efforts. Descending the mountain and leaving the forest, we then headed for lunch in a traditional house in a nearby village. After another scrumptious meal made by Anne, we left for the long drive to Tangkoko Nature Reserve, situated at the very tip of north-east Sulawesi. Tangkoko was as fabulous as ever and rewarded us with wonderful sightings of both birds and mammals. Highlights during our morning and mid-day explorations in the dry lowland forest near the coast were probably the four new species of Sulawesi-endemics, namely three peculiar Ochre-bellied Boobooks at their day-roost, two Purple-winged Rollers, a Lilac Kingfisher and a pair of the beautifully cryptic Red-backed Thrush, the latter two particularly cooperative. Other avian highlights included great looks at Philippine Megapodes foraging on the forest floor, two skulky Isabelline Bush-hens that proved difficult to get good looks at, three cute day-roosting Sulawesi Scops Owls right at our lodge’s restaurant (!) and better looks at Silver-tipped Imperial Pigeon and additional looks at Green-backed Kingfisher. The Tangkoko Forest is also renowned for its mammals, and we enjoyed having a look at Bear Cuscuses peering down at us from their roost high up in massive trees, we found the tiny and extra-terrestrial looking Spectral Tarsier at its day-roost in a hollow tree, as well as troops of the funny “moai-looking” Celebes Crested Macaque. Not that it stopped there, a boat trip on a nearby small creek, surrounded by extensive mangroves yielded the bizarre-looking Great-billed Kingfisher and White-rumped Cuckooshrike, both rather localised endemics.



Spectral Tarsier by David Erterius





Red-backed Thrush by David Erterius

Leaving Sulawesi, we next boarded a flight from the city of Manado and flew east, across the so-called Weber's Line and into a new biome, the Moluccas. Arriving at the volcanic island of Ternate, we then transferred swiftly by speed boat to the main island, Halmahera. The afternoon was spent in a mangrove forest a bit south of our town on the west coast, primarily to look for Beach Kingfisher. Grey-headed Fruit Dove and Sombre Kingfisher were both new additions to the endemics list and other new species here were Pink-necked Green Pigeon, Pied Imperial Pigeon, Moustached Treeswift, White-bellied Cuckooshrike and Willie Wagtail. The Beach Kingfisher was, however, only heard and glimpsed by some. The next morning started off with some roadside birding in the remnant

forest of Kali Batu Putih, where a certain viewpoint allowed for a great overlook of the remnant primary forest. Here, we added a fine set of Moluccan endemics: Blue-capped Fruit Dove, Blue-and-white Kingfisher, White Cockatoo, Moluccan Hanging Parrot, Rufous-bellied Triller, Moluccan Monarch, Long-billed Crow, Northern Golden Bulbul and Cream-throated White-eye, perched nicely for all to see. Other new species notched up by us at this spot were Rainbow Bee-eater, Blyth's Hornbill, Eclectus and Red-cheeked Parrot, Spangled Drongo and Metallic Starling.

Next, we headed north towards the central part of the island, to accommodate ourselves for the coming days. A roadside stop on our drive to Subaim produced a stunning Common Paradise Kingfisher in full display, as well as several Oriental Dollarbirds. The afternoon and the following day saw us exploring the low and mid-elevation forest on a nearby mountain and here we found a fantastic additional array of Moluccan endemics. These included wonderful views of several Chattering Lories flying around and perching in fruiting palm-trees, male and female Standardwing seen briefly and a few more heard, the strange Paradise-crow, Scarlet-breasted Fruit Dove and both Spectacled and Cinnamon-bellied Imperial Pigeon, Moluccan Starling, the dainty Halmahera Flowerpecker, huge Goliath Coucal, White-streaked Friarbird, Dusky-brown Oriole and both Halmahera and Moluccan Cuckooshrike.

Halmahera Swiftlet were hawking for insects high overhead and we were fortunate to get brief views of the tricky Moluccan Goshawk. One of



Violet-necked Lory by David Erterius



our main quarry in this area was the magnificent Ivory-breasted Pitta, and every now and then we could hear the wonderfully distinctive “wolf-whistle” song of the species, if somewhat always a little too distant. However, we found one individual sitting much closer to the road and next, a small trail had us walking into a massive bamboo stand in order to find a good spot for watching the bird.



Standardwing by David Erterius

After a good deal of patience and persistence, we were finally rewarded with superb views of this fantastic species – another major tour target in the bag, and what a beautiful bird to boot! Just after dusk, we decided to try a spot for the tricky island endemic Halmahera Boobook, and it didn't take long before we made contact with a calling bird and got subsequent good looks at it as well.

Other goodies that we recorded in these forests were Dusky Megapode (only heard), Variable Goshawk and Shining Flycatcher, and we caught up with additional views of Sombre Kingfisher, White Cockatoo and Red-cheeked

Parrot. We were also fortunate to see a soaring Pygmy Eagle, the world's smallest known eagle and a recent split from Little Eagle - and confined to the Moluccas and New Guinea.

The birding at Foli was superb and we recorded a good number of interesting species such as the three Moluccan endemics Moluccan Drongo-Cuckoo, Drab Whistler and White-naped Monarch and other goodies like Great-billed Parrot, Red-flanked Lorikeet, Violet-necked Lory, Dusky Myzomela and Australian Golden Whistler.

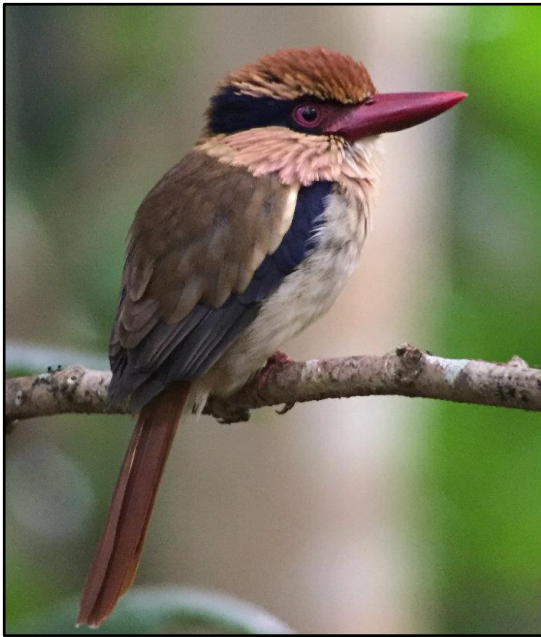
The undoubted highlight here, however, was the four males of the fabulous Standardwing displaying to three females for half an hour at eye-level some one-hundred feet away! We all stood in awe as we watched this wonderful show, the male constantly flapping his wings, exposing his standards and dancing from branch to branch as soon as the female approached his display area. This truly was an incredible birding experience and one that I suspect we will all cherish for as long as we live!!! Back on the coast at Sofifi, we finally managed to find a cooperative Beach Kingfisher which showed well for all. Returning to the



White Cockatoo by David Erterius



island of Ternate by boat, we enjoyed single Greater Crested and Common Terns and had brief views of a small party of Red-necked Phalarope whizzing by.



Lilac Kingfisher by David Erterius

Once on Ternate itself, we visited the Tolire Crater Lake, where a viewpoint allowed for a nice overlook of the lake itself and the nearby active volcano named Gamalama - the highest volcano in the North Moluccas. On the way to the lake, we made a quick stop for Torresian Crow, yet another nice example on some of the Australian-Papuan avian elements that reach these islands - we were rewarded with great looks at two birds. At Lake Tolire, we found the recently split Tricoloured Grebe and had fantastic views of many Lesser Frigatebirds coming in to drink and bathe in the lake and amongst them was a single Great Frigatebird that showed very well in good light and allowed for good comparative studies. Another highlight here was a Great-billed Parrot that flew by in wonderful light. That evening, one participant and the tour leader headed out after dark in order to try and get views of Moluccan Scops Owl, and we were very pleased to connect with a very confiding individual that showed extremely well.

The following morning, before our mid-day departure from Ternate, we had a wonderful snorkelling experience at a small, sheltered bay on the north side of the island, truly a highlight of the trip! On our last day back in Sulawesi, most of the group went to another forested volcano, primarily in search of the most difficult one of all the kingfishers of Sulawesi, the Scaly Kingfisher (which we, unfortunately, didn't manage to find). However, we enjoyed hundreds of swiftlets on the way up, managing to pick out a few Sulawesi Swiftlets. A little further along the road, both an adult and a juvenile Black Eagle flew by high overhead and a Barred Rail was quietly foraging on the roadside.

And so ended another wonderful and richly rewarding adventure through one of the world's endemic hotspots. Our final night together on the island saw us enjoying a scrumptious farewell dinner followed by a good night's sleep, before catching our departure flights home. Thanks once again to yet another wonderful group of enthusiastic and fun participants as well as a superb ground operations team. I am very much looking forward to travelling with you all again!



Halmahera Flowerpecker by David Erterius



Annotated List of species recorded

List powered through the report generator of our partner iGoTerra.

Bird species recorded on the islands of Sulawesi, Ternate and Halmahera:

237 in total (225 seen and 12 heard)

Note: Number in brackets () indicate number of days on the tour the species was recorded.

Nomenclature and taxonomy follows Gill, F and D Donsker (Eds). 2016. IOC World Bird List (v 6.3).

Status codes:

S = Endemic to Sulawesi subregion (74 species recorded on this tour)

M = Endemic to Moluccas (30 species recorded on this tour)

S/M = Endemic to Sulawesi subregion and Moluccas (2 species recorded on this tour)

♂ = male

♀ = female

♂♀ = Male and female seen together (pair)

Ducks, Geese, and Waterfowl Anatidae

Wandering Whistling Duck *Dendrocygna arcuata*

(3) Sulawesi: 2 Pattene 6.8 and up to 250 at a swamp near Dumoga-Bone NP 12-13.8.

Sunda Teal *Anas gibberifrons*

(2) Sulawesi: 2 at rice paddies on our drive from Manado to Kotamobagu 11.8 and 3 at a swamp near Dumoga-Bone NP 12.8.

Megapodes Megapodiidae

Maleo (S) *Macrocephalon maleo*

(1) Sulawesi: Good looks at 1 ♂ Tambun, Dumoga-Bone NP 12.8.

Philippine Megapode *Megapodius cumingii*

(1) Sulawesi: 5 Tangkoko NP 15.8.

Dusky Megapode *Megapodius freycinet*

(3) Halmahera: 2 Gunung Uni-uni 18.8, 2 Gunung Titilegan 19.8 and 1 Sofifi 20.8. All of them heard only.

Grebes Podicipedidae

Tricolored Grebe *Tachybaptus tricolor*

(1) Ternate: 5 Lake Tolire 21.8.

Hérons, Egrets, and Bitterns Ardeidae

Yellow Bittern *Ixobrychus sinensis*

(1) Sulawesi: 1 juvenile seen briefly in flight at Pattene 6.8.

Cinnamon Bittern *Ixobrychus cinnamomeus*

(1) Sulawesi: 1 seen briefly in flight at rice paddies on our drive from Gunung Ambang to Tangkoko 14.8.



Striated Heron*Butorides striata*(3) Sulawesi: 1 Pattene 6.8, 1 Palu 10.8 and 4 mangroves near Tangkoko 15.8.**Javan Pond Heron***Ardeola speciosa*(6) Sulawesi: 40 Pattene 6.8, 20 Olobogu River 10.8 and 2 en route 10.8.**Eastern Cattle Egret***Bubulcus coromandus*(7) Sulawesi: up to 10 en route 9.8 and fairly common on our drive back from Tangkoko to Manado 16.8.**Purple Heron***Ardea purpurea*(7) Sulawesi: 3 Pattene 6.8, 1 Sedoa Valley, Lore Lindu NP 8.8, 1 near Palu 10.8, 1 en route 11.8, 2 Torout 13.8 and 1 Gunung Ambang 14.8.**Intermediate Egret***Egretta intermedia*(2) Sulawesi: 1 taking an 'eel' at Tambun Rice Fields 12.8. Halmahera: 1 at rice fields en route Subaim – Foli 19.8.**Little Egret***Egretta garzetta*(4) Sulawesi: 2 Pattene 6.8, 4 en route 11.8, 25 Tambun Rice Fields 12.8 and 4 en route 14.8.**Pacific Reef Heron***Egretta sacra*(1) Halmahera: 1 Sofifi 21.8. A dark morph bird flying by while we were waiting for the ferry to depart.**Frigatebirds *Fregatidae*****Great Frigatebird***Fregata minor*(1) Ternate: 1 Lake Tolire 21.8.**Lesser Frigatebird***Fregata ariel*(3) Halmahera: 1 distant bird on the coast near Foli 19.8 and 4 on the coast en route Subaim – Sofifi 20.8. Ternate: 75 Lake Tolire 21.8.**Osprey *Pandionidae*****Eastern Osprey***Pandion cristatus*(1) Sulawesi: 1 mangroves near Tangkoko 15.8.**Hawks, Eagles, and Kites *Accipitridae*****Barred Honey Buzzard***Pernis celebensis*(1) Sulawesi: 1 Anaso Track, Lore Lindu NP 9.8. A distant bird in display flight high overhead at the upper elevation.**Sulawesi Serpent Eagle (S)***Spilornis rufipectus*(2) Sulawesi: 1 Sedoa Valley, Lore Lindu NP 8.8 and 5 Donge-Donge area 10.8.**Sulawesi Hawk-Eagle (S)***Nisaetus lanceolatus*(2) Sulawesi: Distant flight views of 2 Sedoa Valley, Lore Lindu NP 8.8 and 1 Anaso Track, Lore Lindu NP 9.8.**Rufous-bellied Hawk-Eagle***Lophotriorchis kienerii*(3) Sulawesi: 1 seen by the tour leader en route Lore Lindu NP – Palu 10.8, great looks at 1 juvenile Torout 13.8 and distant flight views of 1 Tangkoko Viewpoint 16.8.**Black Eagle***Ictinaetus malaiensis*(1) Sulawesi: 1 adult and 1 juvenile Gunung Mahawu 22.8.**Pygmy Eagle***Hieraaetus weiskei*(1) Halmahera: 1 Gunung Uni-uni 18.8. Soaring rather distant and quite high overhead for a few

minutes before gliding away from us.

Gurney's Eagle (NT) *Aquila gurneyi*

(1) Halmahera: 1 en route Subaim – Gunung Uni-uni 17.8.

Sulawesi Goshawk (S) *Accipiter griseiceps*

(2) Sulawesi: Good lengthy scope views of 1 adult perched along Molibagu Road 13.8 and distant scope views of 1 adult perched at Gunung Ambang 14.8.

Spot-tailed Sparrowhawk (S) *Accipiter trinotatus*

(1) Sulawesi: 1 adult Lore Lindu NP 10.8. Unfortunately just glimpses of the bird as it was calling high up in a dense forest.

Variable Goshawk *Accipiter hiogaster*

(1) Halmahera: Great looks at 1 adult Gunung Uni-uni 18.8.

Moluccan Goshawk (M) *Accipiter henicogrammus*

(1) Halmahera: 1 ♂ Gunung Uni-uni 18.8. A male seen in flight as it crossed the road in front of us, followed by a female that landed and was seen perched for a few seconds before taking off not to be seen again. This is one of the trickier endemics on Halmahera.

Spotted Harrier *Circus assimilis*

(3) Sulawesi: 1 ♂ mobbed by a White-breasted Woodswallow at Pattene 6.8, 1 ♂ en route Manado – Kotamobagu 11.8 and 1 juvenile at a swamp near Dumoga-Bone NP 12.8.

Black Kite *Milvus migrans*

(2) Sulawesi: 1 Tambun, Dumoga-Bone NP 12.8 and 5 Torout 13.8.

Brahminy Kite *Haliastur indus*

(7) Sulawesi: 1 Palu 10.8 and 2 Molibagu Road 13.8. Halmahera: 3 Gunung Uni-uni 18.8.

Rails, Gallinules, and Coots Rallidae

Barred Rail *Gallirallus torquatus*

(2) Sulawesi: Brief views of 1 Tangkoko NP 15.8 and good roadside looks at 1 Gunung Mahawu 22.8.

Buff-banded Rail *Gallirallus philippensis*

(3) Sulawesi: 4 at rice paddies en route Manado – Kotamobagu 11.8, 2 Tambun, Dumoga-Bone NP 12.8 and 1 at rice paddies en route Ambang – Tangkoko 14.8.

Isabelline Bush-hen (S) *Amaurornis isabellina*

(3) Sulawesi: 1 seen and 1 heard at a swamp near Dumoga-Bone NP 12.8, 1 heard Tambun, Dumoga-Bone NP 12.8, 1 heard Torout 13.8 and glimpses of 2 along the trail Tangkoko NP 15.8.

Ruddy-breasted Crake *Porzana fusca*

(1) Sulawesi: 1 heard at a swamp near Dumoga-Bone NP 12.8.

White-browed Crake *Porzana cinerea*

(3) Sulawesi: 2 at rice paddies en route Manado – Kotamobagu 11.8, 4 at a swamp near Dumoga-Bone NP 12.8 and 1 at rice paddies en route Ambang – Tangkoko 14.8.

Common Moorhen *Gallinula chloropus*

(2) Sulawesi: 1 juvenile at a swamp near Dumoga-Bone NP 12.8 and 1 at rice paddies en route Ambang – Tangkoko 14.8.

Buttonquails Turnicidae

Barred Buttonquail *Turnix suscitator*

(1) Sulawesi: 1 Olobogu River 10.8. Brief looks at a flushed individual.



Stilts and Avocets *Recurvirostridae***White-headed Stilt***Himantopus leucocephalus*(1) Sulawesi: 35 Tambun Rice Fields 12.8.**Plovers and Lapwings *Charadriidae*****Javan Plover (NT)***Charadrius javanicus*(1) Sulawesi: 5 adults and 1 chick Palu 10.8.**Sandpipers and Allies *Scolopacidae*****Whimbrel***Numenius phaeopus*(1) Halmahera: 1 on the coast near Foli 19.8.**Wood Sandpiper***Tringa glareola*(5) Sulawesi: 2 Pattene 6.8, 1 Palu 10.8, 120 Tambun Rice Fields 12.8 and 5 at rice paddies en route Ambang – Tangkoko 14.8.**Common Sandpiper***Actitis hypoleucos*(4) Sulawesi: 1 Pattene 6.8, 1 Palu 10.8, 3 Tambun Rice Fields 12.8 and 2 mangroves near Tangkoko 15.8.**Red-necked Phalarope***Phalaropus lobatus*(1) Halmahera/Ternate: Brief views of 5 flying by at sea during our ferry crossing from Sofifi back to Ternate 21.8.**Gulls, Terns, and Skimmers *Laridae*****Greater Crested Tern***Thalasseus bergii*(2) Halmahera: 1 on the coast near Foli 19.8. Halmahera/Ternate: 3 at sea during our ferry crossing from Sofifi back to Ternate 21.8.**Little Tern***Sternula albifrons*(1) Sulawesi: 2 Pattene 6.8.**Bridled Tern***Onychoprion anaethetus*(1) Halmahera: 5 very distant birds Sofifi 21.8. Seen as we were waiting for the ferry to depart.**Common Tern***Sterna hirundo*(1) Halmahera/Ternate: 30 at sea during our ferry crossing from Sofifi back to Ternate 21.8.

Interestingly some birds were sitting on driftwood on the open sea.

Whiskered Tern*Chlidonias hybrida*(1) Sulawesi: 5 Palu 10.8.**Pigeons and Doves *Columbidae*****Rock Dove***Columba livia*

(7) Small numbers were recorded in urban areas on all islands.

Red Turtle Dove*Streptopelia tranquebarica*(4) Sulawesi: 1 Pattene 6.8, 8 Pattene 6.8, 5 en route Palu – Wuasa 7.8 and 2 en route 11.8.**Spotted Dove***Spilopelia chinensis*(4) Sulawesi: 1 near Palu 10.8 and 10 Gunung Ambang 14.8. Halmahera: 15 at coastal mangroves 16.8.**Slender-billed Cuckoo-Dove***Macropygia amboinensis*(9) Sulawesi: Up to 30 Lore Lindu NP 8-10.8, 2 Anaso Track, Lore Lindu NP 9.8, 2 Tambun, Dumoga-Bone NP 12.8, 5 Molibagu Road 13.8 and 5 Tangkoko NP 15.8. Halmahera: 2 Gunung Uni-uni 18.8 and 5 Foli 19.8.

- Great Cuckoo-Dove** *Reinwardtoena reinwardti*
 (1) Halmahera: 1 distant bird heard calling Foli 19.8.
- White-faced Dove (S)** *Turacoena manadensis*
 (3) Sulawesi: 1 at a swamp near Dumoga-Bone NP 12.8, 1 Molibagu Road 13.8 and 1 Tangkoko Viewpoint 16.8.
- Common Emerald Dove** *Chalcophaps indica*
 (2) Sulawesi: 1 en route Palu – Wuasa 7.8.
- Stephan's Emerald Dove** *Chalcophaps stephani*
 (2) Sulawesi: Brief fly-by views of 1 Tambun, Dumoga-Bone NP 12.8 and 2 seen briefly Torout 13.8.
- Pink-necked Green Pigeon** *Treron vernans*
 (2) Sulawesi: 4 flying by at mangroves near Tangkoko 15.8. Halmahera: 4 at coastal mangroves 16.8.
- Grey-cheeked Green Pigeon** *Treron griseicauda*
 (3) Sulawesi: 13 flying by and 4 perched Tambun, Dumoga-Bone NP 12.8, 1 Torout 13.8 and 2 Tangkoko Viewpoint 16.8.
- Red-eared Fruit Dove (S)** *Ptilinopus fischeri*
 (4) Sulawesi: 1 seen well Lore Lindu NP 8.8, 1 seen briefly by the tour leader Anaso Track, Lore Lindu NP 9.8 and 1 Lore Lindu NP 10.8. Also heard several times in the dense forest of Lore Lindu NP 9-10.8 and 1 heard Gunung Ambang 14.8.
- Oberholser's Fruit Dove (S)** *Ptilinopus epius*
 (1) Sulawesi: 1 heard Torout 13.8. Calling for a few minutes but unfortunately reluctant to show itself.
- Scarlet-breasted Fruit Dove (M)** *Ptilinopus bernsteinii*
 (2) Halmahera: 1 ♀ Gunung Uni-uni 18.8 and 1 heard Gunung Roni 20.8.
- Superb Fruit Dove** *Ptilinopus superbus*
 (3) Sulawesi: Brief views of 2 Lore Lindu NP 8.8, 1 heard Anaso Track, Lore Lindu NP 9.8 and 1 heard Gunung Ambang 14.8.
- Blue-capped Fruit Dove (M)** *Ptilinopus monacha*
 (2) Halmahera: 1 Kali Batu Putih 17.8 and 2 heard Gunung Roni 20.8.
- Grey-headed Fruit Dove (M)** *Ptilinopus hyogastrus*
 (4) Halmahera: 10 at coastal mangroves 16.8 and 20 Kali Batu Putih 17.8.
- Black-naped Fruit Dove** *Ptilinopus melanospilus*
 (1) Sulawesi: 5 Molibagu Road 13.8.
- White-bellied Imperial Pigeon (S)** *Ducula forsteni*
 (3) Sulawesi: 1 Karaenta Forest 7.8, 1 heard Lore Lindu NP 8.8 and 1 heard Anaso Track, Lore Lindu NP 9.8.
- Grey-headed Imperial Pigeon (S)** *Ducula radiata*
 (2) Sulawesi: A flock of 20 flying by Anaso Track, Lore Lindu NP 9.8 and good perched looks at 1 Molibagu Road 13.8.
- Green Imperial Pigeon** *Ducula aenea*
 (4) Sulawesi: 4 Karaenta Forest 7.8, 20 Tambun, Dumoga-Bone NP 12.8, 1 Tangkoko NP 15.8 and 20 Tangkoko Viewpoint 16.8.
- Spectacled Imperial Pigeon (M)** *Ducula perspicillata*
 (3) Halmahera: A total of 4 Gunung Uni-uni 17-18.8 and 1 heard Foli 19.8.
- Cinnamon-bellied Imperial Pigeon (M)** *Ducula basilica*
 (4) Halmahera: 1 seen and a few heard Gunung Uni-uni 17-18.8, 1 heard Foli 19.8 and 1 heard Gunung Roni 20.8.
- Pied Imperial Pigeon** *Ducula bicolor*
 (3) Halmahera: 10 at coastal mangroves 16.8, 2 flying by Gunung Uni-uni 17.8 and 1 Gunung Roni



20.8.

Silver-tipped Imperial Pigeon (S)

Ducula luctuosa

(3) Sulawesi: 2 flying by Torout 13.8, 2 Tangkoko NP 15.8 and 20 Tangkoko Viewpoint 16.8.

Sombre Pigeon (S)

Cryptophaps poecilorrhoea

(1) Sulawesi: 1 distant bird heard Gunung Ambang 14.8.

Cuckoos Cuculidae

Bay Coucal (S)

Centropus celebensis

(5) Sulawesi: 2 heard Tambun, Dumoga-Bone NP 12.8, 1 heard Torout 13.8, 2 heard Molibagu Road 13.8, 1 heard Gunung Ambang 14.8, 1 heard Tangkoko NP 15.8 and 1 heard Tangkoko Viewpoint 16.8. Unfortunately reluctant to show itself this year.

Goliath Coucal (M)

Centropus goliath

(4) Halmahera: 2 heard at dusk Gunung Uni-uni 17.8, great looks at 2 Gunung Uni-uni 18.8, 1 Foli 19.8 and 3 Gunung Roni 20.8.

Lesser Coucal

Centropus bengalensis

(2) Sulawesi: Great looks at 1 ♂ calling Olobogu River 10.8 with further great views of 1 by the roadside on our drive back from Tambun, Dumoga-Bone NP 12.8.

Yellow-billed Malkoha (S)

Rhamphococcyx calyrorhynchus

(4) Sulawesi: 1 Lore Lindu NP 8.8, 3 Tambun, Dumoga-Bone NP 12.8, 1 Gunung Ambang 14.8 and 1 Tangkoko NP 15.8.

Black-billed Koel (S)

Eudynamis melanorhynchus

(4) Sulawesi: 1 heard Anaso Track, Lore Lindu NP 9.8, 7 Tambun, Dumoga-Bone NP 12.8, 1 heard Gunung Ambang 14.8 and 1 heard Tangkoko Viewpoint 16.8.

Little Bronze Cuckoo

Chrysococcyx minutillus

(2) Sulawesi: 1 heard Lore Lindu NP 8.8 and 2 Anaso Track, Lore Lindu NP 9.8.

Plaintive Cuckoo

Cacomantis merulinus

(1) Sulawesi: 1 heard Olobogu River 10.8.

Brush Cuckoo

Cacomantis variolosus

(2) Halmahera: Several heard en route Sofifi – Subaim 17.8 and 1 heard Foli 19.8.

Rusty-breasted Cuckoo

Cacomantis sepulcralis

(4) Sulawesi: 1 heard Lore Lindu NP 8.8, 1 seen briefly Anaso Track, Lore Lindu NP 9.8, 2 heard Tambun, Dumoga-Bone NP 12.8 and 1 heard Gunung Ambang 14.8.

Moluccan Drongo-Cuckoo (S/M)

Surniculus musschenbroeki

(1) Halmahera: 1 heard and 1 seen by some Foli 19.8.

Barn-Owls Tytonidae

Sulawesi Masked Owl (S)

Tyto rosenbergii

(1) Sulawesi: Distant views of 1 hunting at dusk Wuasa, Lore Lindu NP 7.8.

Owls Strigidae

Moluccan Scops Owl

Otus magicus

(2) Halmahera: 1 heard Foli 19.8. Ternate: Fantastic looks at 1 just after dusk and 1 heard as well 21.8.

Sulawesi Scops Owl (S)

Otus manadensis

(1) Sulawesi: 3 seen very well on a day-roost Tangkoko NP and 1 heard calling there as well just after dusk 15.8.



Ochre-bellied Boobook (S)*Ninox ochracea*(1) Sulawesi: Great look at 3 on a day-roost Tangkoko NP 15.8.**Cinnabar Boobook (S)***Ninox ios*(1) Sulawesi: 1 seen well and 1 heard Lore Lindu NP 8.8.**Halmahera Boobook (M)***Ninox hypogramma*(2) Halmahera: 1 heard and seen well at Gunung Uni-uni 17.8 and 1 heard at the crack of dawn on our hike to the Standardwing lek at Foli 19.8.**Nightjars and Allies Caprimulgidae****Satanic Nightjar (S)***Eurostopodus diabolicus*(1) Sulawesi: A total of 4 Anaso Track, Lore Lindu NP 9.8.**Great Eared Nightjar***Lyncornis macrotis*(3) Sulawesi: 1 near Wuasa 8.8, a total of 3 flying around at dawn Tambun, Dumoga-Bone NP 12.8 and 1 in the early morning on our drive to Tangkoko viewpoint 16.8.**Large-tailed Nightjar***Caprimulgus macrurus*(1) Halmahera: 1 seen by the tour leader en route Gunung Uni-uni – Subaim 17.8.**Savanna Nightjar***Caprimulgus affinis*(2) Sulawesi: 1 heard at our hotel in Makassar 6.8 and a total of 3 on day-roost Olobogu River 10.8.**Owlet-Nightjars Aegothelidae****Moluccan Owlet-Nightjar (M)***Aegotheles crinifrons*(2) Halmahera: 1 distant bird heard Gunung Uni-uni 17.8 and 2 heard Gunung Titilegan 19.8.**Treeswifts Hemiprocnidae****Grey-rumped Treeswift***Hemiprogne longipennis*(7) Sulawesi: 5 en route 7.8, a total of 20 Lore Lindu NP area 8.8, 10 Donge-Donge 10.8, 50 Tambun, Dumoga-Bone NP 12.8, 5 en route 14.8, 3 Tangkoko NP 15.8 and 1 Tangkoko Viewpoint 16.8.**Moustached Treeswift***Hemiprogne mystacea*(2) Halmahera: 2 coastal mangroves 16.8, 4 en route 16.8 and 1 Gunung Roni 20.8.**Swifts Apodidae****Glossy Swiftlet***Collocalia esculenta*(14) Sulawesi: 10 Karaenta Forest 7.8, 10 en route 7.8, a total of 100 Lore Lindu NP area 8.8, 50, 30 Anaso Track, Lore Lindu NP 9.8, 30 en route near Manado 11.8, 10 Tambun, Dumoga-Bone NP 12.8, 20 Molibagu Road 13.8, 5 en route 14.8 and good numbers Tangkoko Viewpoint 16.8. Halmahera: Fairly common at Gunung Uni-uni 18.8.**Halmahera Swiftlet (M)***Aerodramus infuscatus*(2) Halmahera: Up to 50 Gunung Uni-uni 17-18.8.**Sulawesi Swiftlet (S)***Aerodramus sororum*(1) Sulawesi: 50 Gunung Mahawu 22.8.**Uniform Swiftlet***Aerodramus vanikorensis*(10) Sulawesi: 75 Makassar 6.8, 100 near Palu 10.8, 50 Donge-Donge 10.8, 50 Olobogu River 10.8, 15 Tambun, Dumoga-Bone NP 12.8, 10 Molibagu Road 13.8, 200 en route 14.8, good numbers Tangkoko Viewpoint 16.8 and 150 Gunung Mahawu 22.8. Halmahera: 3 en route Subaim – Sofifi 20.8.**Purple Needletail***Hirundapus celebensis*(3) Sulawesi: Up to 10 Wuasa, Lore Lindu NP 7-8.8, 20 Sedoa Valley, Lore Lindu NP 8.8 and 20

Molibagu Road 13.8.

Asian Palm Swift*Cypsiurus balasiensis*

(1) Sulawesi: 1 Olobogu River 10.8.

House Swift*Apus nipalensis*

(3) Sulawesi: 1 seen by the tour leader at mangroves near Tangkoko 15.8 and another one by the leader only at Gunung Mahawu 22.8. Ternate: 2 near Lake Tolire 21.8.

Rollers Coraciidae**Purple-winged Roller (S)***Coracias temminckii*

(1) Sulawesi: 2 Tangkoko NP 15.8.

Oriental Dollarbird*Eurystomus orientalis*

(2) Halmahera: 4 en route Sofifi – Subaim 17.8 and 3 en route Subaim – Sofifi 20.8.

Kingfishers Alcedinidae**Green-backed Kingfisher (S)***Actenoides monachus*

(2) Sulawesi: 2 Tambun, Dumoga-Bone NP 12.8 and 2 Tangkoko NP 15.8.

Common Paradise Kingfisher*Tanysiptera galatea*

(1) Halmahera: 1 seen briefly by some as it flew across the road Kali Batu Putih 17.8 and very good looks at 1 bird en route Sofifi – Subaim 17.8

Lilac Kingfisher (S)*Cittura cyanotis*

(1) Sulawesi: Superb views of 1 Tangkoko NP 15.8.

Great-billed Kingfisher (S)*Pelargopsis melanorhyncha*

(1) Sulawesi: 2 at mangroves near Tangkoko 15.8.

Blue-and-white Kingfisher (M)*Todiramphus diops*

(1) Halmahera: Great roadside looks at 1 ♂ Kali Batu Putih and another one there further down the road 17.8.

Sombre Kingfisher (M)*Todiramphus funebris*

(2) Halmahera: Great views of 1 at coastal mangroves 16.8 and 1 Gunung Uni-uni 18.8.

Collared Kingfisher*Todiramphus chloris*

(7) Sulawesi: 1 Lore Lindu NP 8.8, 5 Olobogu River 10.8, 3 Tambun, Dumoga-Bone NP 12.8, 5 Gunung Ambang 14.8 and 3 at mangroves near Tangkoko 15.8. Halmahera: 1 coastal mangroves 16.8 and 1 en route seen by the tour leader 17.8.

Beach Kingfisher*Todiramphus saurophagus*

(2) Halmahera: 1 seen briefly by some and 2 heard at coastal mangroves 16.8 with further looks at 2 Sofifi 20.8 one of which seen very well by all.

Sacred Kingfisher*Todiramphus sanctus*

(3) Sulawesi: Great looks at 1 Pattene 6.8 and 1 at a swamp near Dumoga-Bone NP 12.8. Halmahera: 1 on the coast near Foli 19.8.

Common Kingfisher*Alcedo atthis*

(3) Sulawesi: 1 heard Pattene 6.8, 1 Torout 13.8 and 2 mangroves near Tangkoko 15.8.

Sulawesi Dwarf Kingfisher (S)*Ceyx fallax*

(1) Sulawesi: Fantastic views of 1 ♂ Molibagu Road 13.8.

Bee-eaters Meropidae**Purple-bearded Bee-eater (S)***Meropogon forsteni*

(3) Sulawesi: 2 seen by some along the road Lore Lindu NP 8.8, great looks at 2 ♂ Anaso Track, Lore



Lindu NP 9.8 and further good views of 2 Gunung Ambang 14.8.

Blue-tailed Bee-eater*Merops philippinus*

(2) Sulawesi: 5 Pattene 6.8, 10 near Palu 10.8 and 200 Olobogu River 10.8.

Rainbow Bee-eater*Merops ornatus*

(4) Halmahera: 3 Kali Batu Putih 17.8 and 2 Foli 19.8. Ternate: 10 near Lake Tolire and 10 Lake Tolire 21.8.

Hornbills Bucerotidae**Blyth's Hornbill***Rhyticeros plicatus*

(4) Halmahera: Up to 10 Gunung Uni-uni 17-18.8 and 4 Kali Batu Putih 17.8.

Knobbed Hornbill (S)*Rhyticeros cassidix*

(6) Sulawesi: 4 Karaenta Forest 7.8, 2 Sedoa Valley, Lore Lindu NP 8.8, 3 Donge-Donge 10.8, 1 heard Tambun, Dumoga-Bone NP 12.8, 15 Molibagu Road 13.8 and 3 Tangkoko Viewpoint 16.8.

Sulawesi Hornbill (S)*Rhabdotorrhinus exarhatus*

(2) Sulawesi: 4 Karaenta Forest 7.8 and 3 Molibagu Road 13.8. Great looks on both occasions.

Woodpeckers Picidae**Sulawesi Pygmy Woodpecker (S)***Dendrocopos temminckii*

(3) Sulawesi: 3 Pattene 6.8, 1 Lore Lindu NP 8.8 and 1 ♂ Tangkoko Viewpoint 16.8.

Ashy Woodpecker (S)*Mulleripicus fulvus*

(3) Sulawesi: 1 ♂ Tambun, Dumoga-Bone NP 12.8, 2 Torout 13.8 and 1 heard Tangkoko NP 15.8.

Falcons and Caracaras Falconidae**Spotted Kestrel***Falco moluccensis*

(4) Sulawesi: 2 Karaenta Forest 7.8 and 2 en route Lore Lindu NP – Palu 10.8. Halmahera: 1 Kali Batu Putih 17.8 and 1 Gunung Uni-uni 18.8.

Cockatoos Cacatuidae**White Cockatoo (M)***Cacatua alba*

(4) Halmahera: 1 Kali Batu Putih 17.8, 2 Gunung Uni-uni 18.8 and 2 Foli 19.8. Ternate: 1 Lake Tolire 21.8.

Old World Parrots Psittaculidae**Golden-mantled Racket-tail (S)***Prioniturus platurus*

(2) Sulawesi: 1 flying by Karaenta Forest 7.8 and a total of 10 flying by high overhead Anaso Track, Lore Lindu NP 9.8.

Yellow-breasted Racket-tail (S)*Prioniturus flavicans*

(1) Sulawesi: Great scope views of 1 ♂ Torout 13.8.

Eclectus Parrot*Eclectus roratus*

(4) Halmahera: 2 flying by high overhead and great perched views of 1 ♀ Kali Batu Putih 17.8 and 1 Gunung Uni-uni 18.8.

Red-cheeked Parrot*Geoffroyus geoffroyi*

(4) Halmahera: Good scope views of 1 ♀ Kali Batu Putih 17.8 and 4 Gunung Uni-uni 18.8 of which a male and a female showed well.

Great-billed Parrot*Tanygnathus megalorhynchus*

(2) Halmahera: Good looks at 1 flying by Foli 19.8. Ternate: Superb looks at 1 flying by Lake Tolire



21.8.

Blue-backed Parrot*Tanygnathus sumatranus*

(4) Sulawesi: 1 Tambun, Dumoga-Bone NP 12.8, 1 Torout 13.8, great fly-by views of 1 at mangroves near Tangkoko 15.8 and 1 Temboan Hill-Tangkoko Viewpoint 16.8.

Red-flanked Lorikeet*Charmosyna placentis*

(3) Halmahera: 1 Gunung Uni-uni 18.8, 15 Foli 19.8 and 5 Gunung Roni 20.8.

Chattering Lory (M)*Lorius garrulus*

(2) Halmahera: Superb views of 15 Gunung Uni-uni 17.8 and 8 there 18.8. Several birds were foraging in palm-trees by late afternoon.

Violet-necked Lory*Eos squamata*

(2) Halmahera: 15 Foli 19.8 and 3 Gunung Roni 20.8.

Citrine Lorikeet (S)*Trichoglossus flavoviridis*

(3) Sulawesi: 50, several of which perched, Lore Lindu NP 8.8, fly-by views of 3 Anaso Track, Lore Lindu NP 9.8 and a group of 13 flying by Gunung Ambang 14.8.

Great Hanging Parrot (S)*Loriculus stigmatus*

(5) Sulawesi: 2 Sedoa Valley, Lore Lindu NP 8.8, superb looks at 2 Lore Lindu NP 8.8, 10 Tambun, Dumoga-Bone NP 12.8, 3 Molibagu Road 13.8, 3 Gunung Ambang 14.8 and 9 Tangkoko Viewpoint 16.8.

Moluccan Hanging Parrot (M)*Loriculus amabilis*

(3) Halmahera: 1 Kali Batu Putih 17.8, 2 Gunung Uni-uni 18.8 and 2 Foli 19.8. Several good perched looks.

Pygmy Hanging Parrot (S)*Loriculus exilis*

(2) Sulawesi: 3 Molibagu Road 13.8 and 1 Tangkoko Viewpoint 16.8. All birds seen in flight only.

Pittas Pittidae**Sulawesi Pitta (S)***Erythropitta celebensis*

(1) Sulawesi: 2 different birds Torout 13.8. The first sighting was a leader only and the next one of a bird heard calling and then seen briefly by most of the group as it crossed the trail.

Ivory-breasted Pitta (M)*Pitta maxima*

(2) Halmahera: Superb lengthy views of 1 calling ♂ Gunung Uni-uni 18.8 and another one flushed by the tour leader there the same day.

Honeyeaters Meliphagidae**Dusky Myzomela***Myzomela obscura*

(1) Halmahera: 1 Foli 19.8.

Sulawesi Myzomela (S)*Myzomela chloroptera*

(1) Sulawesi: 1 ♂ Lore Lindu NP 8.8.

White-streaked Friarbird (M)*Melitograis gilolensis*

(3) Halmahera: Up to 5 Gunung Uni-uni 17-18.8 and 1 Gunung Roni 20.8.

Dark-eared Myza (S)*Myza celebensis*

(2) Sulawesi: 1 Lore Lindu NP 8.8 and 2 Anaso Track, Lore Lindu NP 9.8.

White-eared Myza (S)*Myza sarasinorum*

(1) 5 Anaso Track, Lore Lindu NP 9.8.



Thornbills and Allies Acanthizidae**Golden-bellied Gerygone** *Gerygone sulphurea*(6) Sulawesi: 2 Pattene 6.8, 2 seen and several heard Lore Lindu NP/Anaso Track 8-10.8, 1 Gunung Ambang 14.8 and 1 heard at mangroves near Tangkoko 15.8.**Woodswallows, butcherbirds and allies Artamidae****White-breasted Woodswallow** *Artamus leucorhynchus*(9) Sulawesi: 2 Pattene, one of which mobbing a Spotted Harrier 6.8, 1 Lore Lindu NP 8.8, 5 near Palu 10.8 and 7 Gunung Ambang 14.8. Halmahera: Up to 10 Sofifi 20-21.8.**Ivory-backed Woodswallow (S)** *Artamus monachus*(2) Sulawesi: 1 Sedoa Valley, Lore Lindu NP 8.8 and 10 Molibagu Road 13.8. Good perched and flight views of several.**Cuckoo-shrikes Campephagidae****Moluccan Cuckooshrike (M)** *Coracina atriceps*(1) Halmahera: Great looks at 3 Gunung Uni-uni 18.8.**Cerulean Cuckooshrike (S)** *Coracina temminckii*(1) Sulawesi: Great looks at 4 Lore Lindu NP 8.8.**Pied Cuckooshrike (S)** *Coracina bicolor*(1) Sulawesi: 1 Molibagu Road 13.8. Heard calling and rather distant fly-by views.**White-rumped Cuckooshrike (S)** *Coracina leucopygia*(1) Sulawesi: 3 at mangroves near Tangkoko 15.8.**White-bellied Cuckooshrike** *Coracina papuensis*(3) Halmahera: 1 at coastal mangroves 16.8, 1 Foli 19.8 and 1 Gunung Roni 20.8.**Halmahera Cuckooshrike (M)** *Coracina parvula*(2) Halmahera: A total of 7 Gunung Uni-uni 17.8 and 2 there the following day.**Pygmy Cuckooshrike** *Coracina abbotti*(1) Sulawesi: 2 ♂ and 1 ♀ Lore Lindu NP 8.8.**Sulawesi Cicadabird (S)** *Coracina morio*(2) Sulawesi: Superb views of 1 calling ♂ Lore Lindu NP 8.8 and 2 Molibagu Road 13.8.**White-rumped Triller (S)** *Lalage leucopygialis*(3) Sulawesi: Great looks at 1 ♂ Tambun, Dumoga-Bone NP 12.8, 5 Molibagu Road 13.8 and 5 Tangkoko Viewpoint 16.8.**White-shouldered Triller** *Lalage sueurii*(2) Sulawesi: 2 Pattene 6.8, 3 near Palu 10.8 and 7 Olobogu River 10.8.**Rufous-bellied Triller (M)** *Lalage aurea*(4) Halmahera: 5 Kali Batu Putih 17.8 and 3 per day Gunung Uni-uni 17-18.8.**Whistlers and Allies Pachycephalidae****Maroon-backed Whistler (S)** *Coracornis raveni*(2) Sulawesi: 1 ♂, seen by the tour leader only, Anaso Track, Lore Lindu NP 9.8 and great looks by all at 1 singing ♂ Lore Lindu NP 10.8.**Sulphur-vented Whistler (S)** *Pachycephala sulfuriventer*(4) Sulawesi: 7 seen and several heard Lore Lindu NP 8-10.8, several heard Anaso Track, Lore Lindu NP 9.8 and 1 Gunung Ambang 14.8.

Australian Golden Whistler*Pachycephala pectoralis*(2) Halmahera: Great views of 1 ♂ Foli 19.8.**Drab Whistler (S/M)***Pachycephala griseonota*(2) Halmahera: Good views of 1 singing ♂ Foli 19.8.**Old World Orioles Oriolidae****Dusky-brown Oriole (M)***Oriolus phaeochromus*(3) Halmahera: 2 per day Gunung Uni-uni 17-18.8 and 1 heard Foli 19.8.**Black-naped Oriole***Oriolus chinensis*(4) Sulawesi: 2 Lore Lindu NP 8.8, 1 heard Tambun, Dumoga-Bone NP 12.8, 8 Molibagu Road 13.8 and 5 Tangkoko NP 15.8.**Drongos Dicruridae****Hair-crested Drongo***Dicrurus hottentottus*(6) Sulawesi: 4 Karaenta Forest 7.8, 2 Donge-Donge 10.8, 7 Tambun, Dumoga-Bone NP 12.8, 1 Torout 13.8, 2 Tangkoko NP 15.8 and 1 Tangkoko Viewpoint 16.8.**Sulawesi Drongo (S)***Dicrurus montanus*(4) Sulawesi: 1 Lore Lindu NP 8.8, 1 Anaso Track, Lore Lindu NP 9.8, 1 Donge-Donge 10.8 and 1 Gunung Ambang 14.8.**Spangled Drongo***Dicrurus bracteatus*(3) Halmahera: 5 Kali Batu Putih 17.8 and 1 heard Foli 19.8.**Fantails Rhipiduridae****Willie Wagtail***Rhipidura leucophrys*(5) Halmahera: 4 at coastal mangroves 16.8 and up to 30 en route 16-18.8.**Rusty-bellied Fantail (S)***Rhipidura teysmanni*(2) Sulawesi: 5 Lore Lindu NP 8.8 and 7 Anaso Track, Lore Lindu NP 9.8.**Monarch Flycatchers Monarchidae****Pale-blue Monarch (S)***Hypothymis puella*(3) Sulawesi: 1 Donge-Donge 10.8, 3 Tambun, Dumoga-Bone NP 12.8 and several heard Tangkoko NP 15.8.**Moluccan Monarch (M)***Symposiachrus bimaculatus*(1) Halmahera: 2 Kali Batu Putih 17.8 and 2 Gunung Uni-uni 17.8.**White-naped Monarch (M)***Carterornis pileatus*(1) Halmahera: Great looks at 1 Foli 19.8 and another one there the same day seen by the tour leader only.**Moluccan Flycatcher (M)***Myiagra galeata*(3) Halmahera: 1 Gunung Uni-uni 18.8, 1 Foli 19.8 and 1 Gunung Roni 20.8.**Shining Flycatcher***Myiagra alecto*(3) Halmahera: 1 Gunung Uni-uni 18.8, 1 heard Foli 19.8 and 1 heard Gunung Roni 20.8.**Crows, Jays, and Magpies Corvidae****Slender-billed Crow***Corvus enca*(6) Sulawesi: 4 en route 11.8, 2 en route 12.8, 2 Tambun, Dumoga-Bone NP 12.8, 10 Molibagu Road 13.8, 5 Gunung Ambang 14.8 and 2 Tangkoko Viewpoint 16.8.

- Long-billed Crow (M)** *Corvus validus*
 (4) Halmahera: 5 Kali Batu Putih 17.8 and up to 7 Gunung Uni-uni 17-18.8.
Torresian Crow *Corvus orru*
 (1) Ternate: Good looks at 2 near Lake Tolire 21.8.

Birds-of-paradise *Paradisaeidae*

- Paradise-crow (M)** *Lycocorax pyrrhopterus*
 (2) Halmahera: 1 heard Gunung Uni-uni 17.8 and a total of 7 there 18.8.
Standardwing (M) *Semioptera wallacii*
 (3) Halmahera: 3 heard Gunung Uni-uni 17.8, 1 ♂ and 1 ♀ female seen there 18.8 and 4 ♂ + 3 ♀ Foli 19.8. Particularly good lengthy views of the Foli-birds.

Hylocitrea *Hylocitreidae*

- Hylocitrea (S)** *Hylocitrea bonensis*
 (1) Sulawesi: 1 Anaso Track, Lore Lindu NP 9.8. Good if somewhat obstructed views for a few minutes.

Fairy Flycatchers *Stenostiridae*

- Citrine Canary-Flycatcher** *Culicicapa helianthea*
 (1) Sulawesi: 15 Lore Lindu NP 8.8.

Bulbuls *Pycnonotidae*

- Sooty-headed Bulbul** *Pycnonotus aurigaster*
 (8) Sulawesi: 15 Pattene 6.8, 5 en route Palu – Wuasa 7.8, 5 en route 10.8, 5 Manado area 11.8, 5 at a swamp near Dumoga-Bone NP 12.8, 15 Gunung Ambang 14.8 and 5 Tangkoko Viewpoint 16.8.
Yellow-vented Bulbul *Pycnonotus goiavier*
 (1) Sulawesi: 2 Pattene 6.8.
Northern Golden Bulbul (M) *Thapsinillas longirostris*
 (4) Halmahera: 3 Kali Batu Putih 17.8 and up to 2 Gunung Uni-uni 17-18.8.
Malia (S) *Malia grata*
 (3) Sulawesi: 1 per day heard Lore Lindu NP 8 & 10.8 and 1 heard and seen briefly by some Anaso Track, Lore Lindu NP 9.8.

Swallows *Hirundinidae*

- Barn Swallow** *Hirundo rustica*
 (5) Sulawesi: 1 at rice fields between Manado and Kotamobagu 11.8, 2 Tambun Rice Fields 12.8, 2 Gunung Ambang 14.8 and 1 at mangroves near Tangkoko 15.8. Halmahera: 10 en route Foli – Subaim 19.8.
Pacific Swallow *Hirundo tahitica*
 (12) Commonly seen throughout the tour.

Bush-Warblers and Allies *Cettiidae*

- Mountain Tailorbird** *Phyllergates cuculatus*
 (5) Sulawesi: 1 Lore Lindu NP 8.8 and several heard there 8-10.8, several heard Anaso Track, Lore Lindu NP 9.8, several heard Gunung Ambang 14.8 and 1 heard Gunung Mahawu 22.8.



Leaf-Warblers *Phylloscopidae***Sulawesi Leaf Warbler (S)***Phylloscopus sarasinorum*(2) Sulawesi: A few heard Lore Lindu NP 8.8 and great looks at 4 Anaso Track, Lore Lindu NP 9.8.**Reed-Warblers and Allies *Acrocephalidae*****Clamorous Reed Warbler***Acrocephalus stentoreus*(1) Sulawesi: 1 Pattene 6.8.**Grassbirds and Allies *Locustellidae*****Chestnut-backed Bush Warbler (S)***Locustella castanea*(5) Sulawesi: 3 Lore Lindu NP 8.8 and several heard there 8-10.8, 2 seen and several heard Anaso Track, Lore Lindu NP 9.8, 1 heard Gunung Ambang 14.8 and 1 Gunung Mahawu 22.8.**Cisticolas and Allies *Cisticolidae*****Zitting Cisticola***Cisticola juncidis*(4) Sulawesi: 2 Pattene 6.8, 1 heard by the tour leader at rice fields between Manado and Kotamobagu 11.8, 1 heard Tambun Rice Fields 12.8, 1 heard Gunung Ambang 14.8 and 1 heard at rice paddies en route Gunung Ambang – Tangkoko 14.8.**Fulvettas and Ground Babblers *Pellorneidae*****Sulawesi Babbler (S)***Trichastoma celebense*(6) Sulawesi: 1 heard Karaenta Forest 7.8, good views of 2 Lore Lindu NP 8.8, 1 heard Lore Lindu NP, Anaso Track 9.8, 1 heard Tambun, Dumoga-Bone NP 12.8, great looks at 1 Gunung Ambang 14.8 and 1 at night-roost Tangkoko NP 15.8.**Yuhinas, White-eyes, and Allies *Zosteropidae*****Streak-headed White-eye (S)***Lophozosterops squamiceps*(2) Sulawesi: 4 Anaso Track, Lore Lindu NP 9.8 and 1 heard Gunung Ambang 14.8.**Mountain White-eye***Zosterops montanus*(2) Sulawesi: 10 Lore Lindu NP 8.8 and 2 Anaso Track, Lore Lindu NP 9.8.**Lemon-bellied White-eye***Zosterops chloris*(3) Sulawesi: 10 Pattene 6.8, 1 seen by the tour leader Sedoa Valley, Lore Lindu NP 8.8 and 5 Olobogu River 10.8.**Black-ringed White-eye (S)***Zosterops anomalus*(1) Sulawesi: Good views of 3 Karaenta Forest 7.8.**Cream-throated White-eye (M)***Zosterops atriceps*(4) Halmahera: 1 Kali Batu Putih 17.8, up to 2 Gunung Uni-uni 17-18.8, 3 Foli 19.8 and 2 Gunung Roni 20.8.**Black-crowned White-eye***Zosterops atrifrons*(2) Sulawesi: 30 Lore Lindu NP 8.8 and 10 Gunung Ambang 14.8.**Starlings *Sturnidae*****Metallic Starling***Aplonis metallica*(3) Halmahera: 2 at coastal mangroves 16.8, 10 en route 16.8, 30 Kali Batu Putih 17.8, 200 Sofifi 20.8 and 20 en route 20.8.

- Asian Glossy Starling** *Aplonis panayensis*
 (1) Sulawesi: 20 flying by at mangroves near Tangkoko 15.8.
- Moluccan Starling** *Aplonis mysolensis*
 (2) Halmahera: 20 Gunung Uni-uni 18.8 and 10 Foli 19.8.
- Short-tailed Starling** *Aplonis minor*
 (2) Sulawesi: 30 Sedoa Valley, Lore Lindu NP 8.8, 10 Lore Lindu NP 8.8 and 5 Tambun, Dumoga-Bone NP 12.8.
- Sulawesi Myna (S)** *Basilornis celebensis*
 (1) Sulawesi: 10 Molibagu Road 13.8. Superb looks at birds feeding in a roadside fig tree.
- White-necked Myna (S)** *Streptocitta albigollis*
 (1) Sulawesi: 7 Molibagu Road 13.8.
- Fiery-browed Starling (S)** *Enodes erythrophris*
 (4) Sulawesi: 20 Sedoa Valley, Lore Lindu NP 8.8, 75 Lore Lindu NP 8.8 (great looks at several), 10 Anaso Track, Lore Lindu NP 9.8, 20 Molibagu Road 13.8 and 20 Gunung Ambang 14.8.
- Grosbeak Starling (S)** *Scissirostrum dubium*
 (4) Sulawesi: 2 flying by Karaenta Forest 7.8, 50 Lore Lindu NP 8.8, 5 Gunung Ambang 14.8 and 50 Tangkoko Viewpoint 16.8.
- Pale-bellied Myna (S)** *Acridotheres cinereus*
 (1) Sulawesi: 1 flying by Near Palu 10.8.

Thrushes and Allies Turdidae

- Red-backed Thrush (S)** *Geokichla erythronota*
 (1) Sulawesi: Great looks at ♂ Tangkoko NP 15.8.
- Sulawesi Thrush (S)** *Cataponera turdoides*
 (3) Sulawesi: 1 heard Lore Lindu NP 8.8, 1 heard Anaso Track, Lore Lindu NP 9.8 and great views of 1 foraging by the road Lore Lindu NP 10.8.

Old World Flycatchers Muscicapidae

- Sulawesi Streaked Flycatcher (S)** *Muscicapa sodhii*
 (1) Sulawesi: Good looks at 1 Karaenta Forest 7.8.
- Sulawesi Blue Flycatcher (S)** *Cyornis omissus*
 (1) Sulawesi: 2 different birds heard singing Sedoa Valley, Lore Lindu NP 8.8.
- Blue-fronted Blue Flycatcher (S)** *Cyornis hoevelli*
 (3) Sulawesi: 1 ♂ and 1 ♀ Lore Lindu NP 8.8, 1 heard singing Anaso Track, Lore Lindu NP 9.8 and 1 ♂ as we were trying for Great Shortwing Lore Lindu NP 10.8.
- Matinan Blue Flycatcher (S)** *Cyornis sanfordi*
 (1) Sulawesi: Good looks at 1 juvenile Gunung Ambang 14.8.
- Turquoise Flycatcher** *Eumyias panayensis*
 (1) Sulawesi: 5 Lore Lindu NP 8.8.
- Great Shortwing (S)** *Heinrichia calligyna*
 (1) Sulawesi: Good views of 1 ♂ Lore Lindu NP 10.8 and another one heard singing as we were watching a male Maroon-backed Whistler.
- Snowy-browed Flycatcher** *Ficedula hyperythra*
 (2) Sulawesi: 4 separate sightings of juveniles Anaso Track, Lore Lindu NP 9.8 and 1 ♂ briefly at Gunung Ambang 14.8.



Little Pied Flycatcher*Ficedula westermanni*(1) Sulawesi: 1 ♂ and 1 ♀ Lore Lindu NP 8.8.**Pied Bush Chat***Saxicola caprata*(1) Sulawesi: 1 ♀ near Palu 10.8.**Flowerpeckers Dicaeidae****Yellow-sided Flowerpecker (S)***Dicaeum aureolimbatum*(3) Sulawesi: 1 Karaenta Forest 7.8, 5 Lore Lindu NP 8.8 and 1 at our accomodation near Wuasa 9.8.**Crimson-crowned Flowerpecker (S)***Dicaeum nehrkorni*(2) Sulawesi: Good looks at 1 Lore Lindu NP 8.8 and 1 ♂ seen briefly Donge-Donge 10.8.**Halmahera Flowerpecker (M)***Dicaeum schistaceiceps*(1) Halmahera: 2 Gunung Uni-uni 18.8. Two separate sightings of which the second one was showing superbly for all as it was singing for several minutes!**Grey-sided Flowerpecker (S)***Dicaeum celebicum*(5) Sulawesi: 3 Karaenta Forest 7.8, 3 at our accomodation near Wuasa 8.8, 3 Donge-Donge 10.8, 5 Molibagu Road 13.8 and 2 Tangkoko Viewpoint 16.8.**Sunbirds and Spiderhunters Nectariniidae****Brown-throated Sunbird***Anthreptes malacensis*(4) Sulawesi: 1 ♂ Donge-Donge 10.8, 1 ♀ at rice fields en route Manado – Kotamobagu 11.8, 2 Molibagu Road 13.8 and 1 seen by the tour leader Tangkoko Viewpoint 16.8.**Black Sunbird***Leptocoma sericea*(6) Sulawesi: 3 Karaenta Forest 7.8 and 4 Tambun, Dumoga-Bone NP 12.8. Halmahera: 3 Kali Batu Putih 17.8 and up to 3 Gunung Uni-uni 17-18.8.**Olive-backed Sunbird***Cinnyris jugularis*(10) Sulawesi: 3 Pattene 6.8, 3 Karaenta Forest 7.8, 1 at our accomodation near Wuasa 8.8, 1 ♂ at rice fields en route Manado – Kotamobagu 11.8 and 10 Gunung Ambang 14.8. Halmahera: 2 at coastal mangroves 16.8, 5 Kali Batu Putih 17.8 and 2 Gunung Uni-uni 17.8.**Crimson Sunbird***Aethopyga siparaja*(2) Sulawesi: 1 heard Donge-Donge 10.8 and a total of 3 Molibagu Road 13.8.**Old World Sparrows Passeridae****Eurasian Tree Sparrow***Passer montanus*(14) Halmahera/Ternate: 2 birds sitting on the ferry during our crossing back from Sofifi to Ternate 21.8 was probably our most memorable sighting of this common and widespread species.**Waxbills and Allies Estrildidae****Black-faced Munia***Lonchura molucca*(3) Sulawesi: 2 Tambun, Dumoga-Bone NP 12.8, 10 Molibagu Road 13.8 and 3 en route 20.8.**Scaly-breasted Munia***Lonchura punctulata*(2) Sulawesi: 30 Pattene 6.8 and 10 en route 11.8.**Chestnut Munia***Lonchura atricapilla*(4) Sulawesi: 100 Pattene 6.8 and 5 Gunung Ambang 14.8. Halmahera: 1 ♂ Sofifi 21.8.**Pale-headed Munia***Lonchura pallida*(2) Sulawesi: 5 Pattene 6.8.

Finches, Euphonias *Fringillidae***Mountain Serin***Chrysocorythus estherae*(1) Sulawesi: 2 Anaso Track, Lore Lindu NP 9.8. Heard a few times and seen briefly by some.**Mammal species recorded on the islands of Sulawesi, Ternate and Halmahera:
8 in total****Status codes:****ES** = Endemic to Sulawesi subregion (7 species recorded on this tour)**Oceanic Dolphins *Delphinidae*****Short-finned Pilot Whale***Globicephala macrorhynchus*(1) Halmahera: 2 seen from the ferry port at Sofifi 21.8.**Possums, Cuscuses, Gledero, Ringtails *Phalangeridae*****Bear Cuscus (S)***Ailurops ursinus*(1) Sulawesi: 4 Tangkoko NP 15.8. Two separate sightings of 2 individuals each.**Old World monkeys *Cercopithecidae*****Moor Macaque (S)***Macaca maura*(1) Sulawesi: 3 Karaenta Forest 7.8. Brief looks by some at one crossing the road and good looks at two feeding in a roadside tree.**Celebes Crested Macaque (S)***Macaca nigra*(1) Sulawesi: 40 Tangkoko NP 15.8. Great close looks at 1 single individual + two separate groups.**Gorontalo Macaque (S)***Macaca nigrescens*(1) Sulawesi: 5 Molibagu Road 13.8.**Spectral Tarsier (S)***Tarsius tarsier*(1) Sulawesi: Superb views of 2 on a day-roost Tangkoko NP 15.8.**Squirrels *Sciuridae*****Lowland Long-nosed Squirrel (S)***Hyosciurus ileile*(1) Sulawesi: 1 Torout 13.8.**Celebes Dwarf Squirrel (S)***Prosciurillus murinus*(1) Sulawesi: 1 Tangkoko NP 15.8.**Rockjumper Birding Ltd****Labourdonnais Village****Mapou****Mauritius****Tel (USA & Canada) toll free: 1-888-990-5552****Email: info@rockjumperbirding.com****Alternative email: rockjumperbirding@yahoo.com****Website: www.rockjumperbirding.com**