

Sulawesi & Halmahera

26 Aug – 14 Sep 2008



We spend three weeks in some really good birding areas. During our stay we visited well-known birding sites: Tangkoko – Dua Sudara Nature Reserve, Lore Lindu NP and Dumoga Bone NP, all at Sulawesi Island. At Halmahera we stayed all nights in Sidangoli and made daily excursions from there. The weather was mostly sunny with blue skies, except at Lore Lindu where showers were frequent.

The whole trip was arranged together with Shita and Untu from Papua Bird Club, www.papuabirdclub.com. Without their professional and enthusiastic support, the result of this trip would not have been the same. We are all very grateful to have been travelling together with you. Thank you!

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Front page: *Blyth's Hornbill*, Halmahera. Photo: Bengt Grandin

This page: Ternate, from Halmahera. Photo: Göran Pettersson



Minor Speedboat to Sampirang, Tangkoko.

Photo: Göran Pettersson

26 Aug

Left Scandinavia midday...

27 Aug

... and via Singapore we arrived to Manado early afternoon. Transport to Tangkoko. Birding stop at Temboan en route with *White-bellied* and *Silver-tipped Imperial Pigeon*, *Sulawesi Dwarf* and *Knobbed Hornbill* and *Sulawesi Crested* and *White-necked Myna*. Short night walk with good views of *Sulawesi Scops Owl*. Night at Tangkoko.

28 Aug

Full day in Tangkoko – Dua Sudara Nature Reserve. Two hours break for lunch during the heat. We were accompanied by three rangers. Two of them walked ahead and besides us looking for target species meanwhile we birded along the trails. Short signals from them made us aware of their findings. All three of them were excellent in finding good birds, e.g. *Ochre-bellied Hawk Owl*, *Sulawesi Dwarf Kingfisher*, *Red-bellied Pitta* and *Red-backed Thrush*. We also got good views of *Spectral Tarsier*. Nice! Ended the day with displaying *Sulawesi Nightjar*. Bonus for today was a brilliant *Channel-billed Cuckoo*.

Looking for Spectral Tarsier. Photo: Göran Pettersson

29 Aug

Morning to lunch in the nature reserve. Among the new species for us were *White-faced Cuckoo Dove*, *Small Sulawesi Hanging Parrot* and *Purple-winged Roller*. We also got some decent views of *Philippine Scrubfowl*. After lunch we went by boat to a tidal mangrove area. A cool sea breeze made the boat ride very comfortable. Also many good birds like *Black-billed Heron*, *Sulawesi Hawk Eagle*, *Pied Imperial Pigeon*, *Sulawesi Masked Owl* and *Black-billed Kingfisher*. When back to the Tangkoko beach Eva missed the boat ramp and was totally soaked. Fortunately her bins and scope managed the wet test (and so did she!).





Green-backed Kingfisher called frequently in Tangkoko.

Photo. Bengt Grandin

30 Aug

Left Tangkoko early and birded at Temboan en route to Tondano. Birds at Temboan: *Sulawesi Hawk Eagle*, *Grey-headed Imperial Pigeon* and *Golden-mantled Racquet-tail*. Birds at Tondano: *Buff-banded Rail*, *White-browed Crake*, *Rufous Night-Heron*, *Sunda Teal* and *Spotted Harrier*. During the day 10 *Barred Rail* en route. Flight from Manado to Makassar and continued to Palu. Some minutes before landing at Palu it was too foggy so we had to return to Makassar. We had to spend the night at the airport supported with packed food and drinks by the air company. Good service!

31 Aug

Reached Palu at 08:30 and went direct to hotel for breakfast and shower. Three hours transport to Wuasa. Birded at Wanga. Observations: *Sulawesi Serpent Eagle*, *Rufous-winged Buzzard*, *Spotted Kestrel* and *Yellow-bellied White-eye*. Heavy showers during the night.



The destroyed part of Anoso track. 45 minutes walk from the main road. Good area for *Purple-bearded Bee-eater*. Photo: Göran Pettersson

1 Sep

Birded Anoso track from early morning to lunch. The track was partially destroyed so we walked from bottom. Good birds were amongst many others *Red-eared Fruit-Dove*, *Purple-bearded Bee-eater*, *Sulawesi Pygmy*

Woodpecker, Lesser Sulawesi Honeyeater, Yellow-flanked and Yellow-vented Whistler, Pygmy Cuckoo-shrike, Crimson-crowned Flowerpecker, Chestnut-backed Bush Warbler (5 birds singing), Sulawesi Leaf-Warbler, Malia, Blue-fronted and Sulawesi Blue Flycatcher and Fiery-browed Myna.

After lunch birding at Jalan Dorman, a disturbed forest area with very wet ground condition. Best birds here were *Grey-cheeked Green Pigeon, Ornate Lorikeet, Purple Needletail, Sulawesi Cicadabird, Sulawesi Triller* and *Piping Crow*.



Blue-fronted Flycatcher. Anoso track, Lore Lindu NP.

Photo: Bengt Grandin

2 Sep

Full day at Anoso track. Long search for Diabolic Nightjar, but in vain. Many birders and researchers were walking in the Nightjar area during our days in Lore Lindu NP. Birds today: *Spot-tailed Goshawk, Black Eagle, Grey-headed Imperial Pigeon, Sombre Pigeon, Yellowish-breasted Racquet-tail, Greater Sulawesi Honeyeater, Maroon-backed Whistler* and *Great Shortwing* (1 juvenile).

3 Sep

Lake Taming in morning. Later we birded along the way close to Anoso track. After lunch heavy showers. Late afternoon until dark birded along the road close to Anoso track. Good birds today were *Sulawesi Goshawk, Small Sparrowhawk, Sulawesi Hawk Eagle, Superb Fruit-Dove, Sulawesi Scops Owl, Cinnabar Hawk Owl, Lesser Sulawesi Honeyeater, Sulawesi Myzomela, Rusty-bellied Fantail, Sulawesi Drongo, Cerulean and Pygmy Cuckoo-shrike, Piping Crow, Crimson Sunbird, Streak-headed White-eye, Sulawesi Thrush, Grey-streaked Flycatcher* (of the odd Sulawesi taxon) and *Island Verditer Flycatcher*. A Nightjar hunting along the road looked promising for Diabolic but it was too dark to identify the bird.

4 Sep

Half group went to Anoso track, other half birded at Jalan Dorman. The Anoso track group was very lucky and found the nightjar from yesterday night. It was a *Diabolic Nightjar*! The yellowish eyes were diagnostic and when the daylight came other features was seen as well.

After this transport back to Palu. In late afternoon a shorter excursion to the suburbs of Palu. Observations from the afternoon: *Barred Buttonquail, Gould's Bronze Cuckoo, White-shouldered Triller* and *Pale-headed Munia* (beautiful birds).

5 Sep

Flight via Makassar to Manado. Transport to Sinsingon. No serious birding today.

6 Sep

Left very early and spend full day Mt Ambang Nature Reserve. The birding today was finished with some owling. Lunch in the ranger's home. Tasteful and excellent home cooking. Some good birds today was *Spot-tailed Goshawk, Sulawesi Masked Owl* (calling), *Cinnabar Hawk Owl* (6 birds calling, some seen), *Great Eared-Nightjar, Scaly Kingfisher, Purple-bearded Bee-eater, Sulawesi Pygmy Woodpecker, Sulawesi Leaf-Warbler, Streak-headed White-eye, Matinan Flycatcher* and *Finch-billed Myna*.



Purple-bearded Bee-eater.

Photo: Bengt Grandin

7 Sep

Full day in Dumoga Bone NP. Good birds were *Maleo*, *Spot-tailed Goshawk*, *Vinous-breasted Sparrowhawk*, *Black Eagle*, *Sulawesi Hawk Eagle*, *White-faced Cuckoo-Dove*, *Grey-cheeked Green Pigeon*, *Large and Small Sulawesi Hanging Parrot*, *Purple Needletail*, *Lilac-cheeked Kingfisher*, *Red-bellied Pitta*, *White-shouldered Triller* and *White-necked and Fiery-browed Myna*.

8 Sep

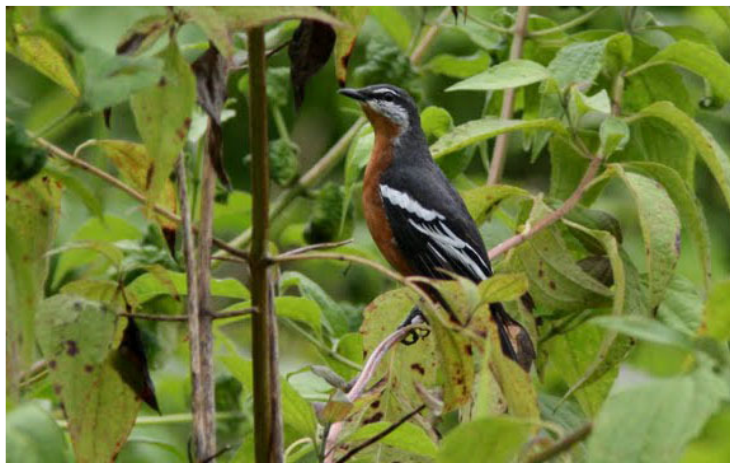
Early transport to Manado and flight to Ternate. Speedboat to Sidangoli and a short birding excursion en route to Kali Batu Putih (KBP). Observations today: *Sunda Teal* (en route to Manado), *Great Crested Tern* and *Mustached Treeswift*.

9 Sep

Full day birding at KBP with a break for lunch. Observations: *Dusky Scrubfowl*, *Osprey*, *Variable Goshawk*, *Gurney's Eagle*, *Superb*, *Grey-headed* and *Black-capped Fruit-Dove*, *White Cockatoo*, *Eclectus* and *Red-cheeked Parrot*, *Chattering Lory*, *Moluccan Scops Owl*, *Moluccan Owlet-Nightjar* (5 birds!), *Blue-and-white Kingfisher*, *Rainbow Bee-eater*, *Blyth's Hornbill* (50 birds!), *Ivory-breasted Pitta* (12 birds!), *Common Golden Whistler*, *Standardwing Bird of Paradise* (3 birds), *Cream-throated White-eye* and *Metallic Starling*. A splendid day, indeed!

10 Sep

Early morning at Dum-Dum Area. Afternoon at KBP. Observations: *Pied Imperial Pigeon* (100+), *Great-billed Parrot*, *Violet-necked Lory*, *Red-flanked Lorikeet*, *Moluccan Hanging Parrot*, *Brush Cuckoo*, *Goliath Coucal*, *Sacred Kingfisher*, *White-streaked Friarbird*, *Drab Whistler*, *Spectacled Monarch*, *Willie Wagtail*, *Spangled Drongo*, *White-bellied Cuckoo-shrike*, *Common Cicadabird*, *Rufous-bellied Triller*, *Paradise Crow* (11 birds) and *Slaty* and *Shining Flycatcher*.



Rufous-bellied Triller. Kali Batu Puti, Halmahera. Photo: Bengt Grandin

11 Sep

KBP in early morning. Fayau until lunch. In early afternoon a shorter boat rides into mangrove and late afternoon KBP. Birds today: *Dusky Scrubfowl*, *Rufous-tailed Bush-Hen*, *Pacific Baza*, *Variable Goshawk*, *Spotted Kestrel*, *Grey-headed Fruit-Dove*, *Cinnamon-bellied* and *Spectacled Imperial Pigeon*, *Great-billed* and *Eclectus Parrot*, *Chattering Lory*, *Moluccan Scops Owl*, *Moluccan Hawk Owl*, *Moluccan Owlet-Nightjar*, *Moustached Treeswift*, *Beach Kingfisher*, *Common Dollarbird*, *Ivory-breasted Pitta*, *Long-billed Crow*, *Paradise Crow*, *Black Sunbird*, *Golden Bulbul* and *Moluccan Starling*.

12 Sep

Spend two and a half hours birding N of Sidangoli. Speedboat to Ternate and flight to Manado. Some birds today were *Variable Goshawk*, *Brown Cuckoo-Dove*, *Emerald Dove*, *Superb* and *Blue-capped Fruit-Dove*, *Goliath Coucal*, *Common Paradise-Kingfisher* (5 birds and the twelfth kingfisher species), *Spectacled Monarch*, *Spangled Drongo*, *Rufous-bellied Triller* and *Golden Bulbul*.

13 Sep

Two and a half hours morning birding at Kota Tomohon west of Manado. At lunch time departure to Europe. Some observations from the morning: *Barred* and *Buff-banded Rail*, *Isabelline Bush-Hen*, *Sulawesi Serpent Eagle*, *Brown Cuckoo-Dove*, *Emerald Dove*, *Yellow-billed Malkoha*, *Moluccan Swiftlet*, *Sulawesi Myzomela*, *Yellow-flanked Whistler*, *Yellow-sided* and *Crimson-crowned Flowerpecker*, *Sulawesi Leaf-Warbler*, *Sulawesi Babbler*, *Mountain* and *Black-fronted White-eye*, *Shining Flycatcher*, *Island Verditer Flycatcher*, *Sulawesi Blue Flycatcher* and *Citrine Canary Flycatcher*.

14 Sep

Arrived Scandinavia. End of trip.



Lunch break at Sidangoli, Halmahera.

Photo: Lars Nilsson



Wuaa Valley, Lore Lindu NP.

Photo: Göran Pettersson

SPECIES LIST – BIRDS

Follows Clements (2007).

1. **(Oriental) Darter** *Anhinga melanogaster*
1 ex Lake Tambing, Lore Lindu NP 3/9.
2. **Great-billed Heron** *Ardea sumatrana sumatrana*
1 ex Tangkoko NR 29/8, 3 ex Tondano 30/8, 2 ex Wuaa 31/8, 2 ex Dumoga-Bone NP 6/9 and 1 ex 7/9,
1 ex en route to Manado and 2 ex Manado 9/9.
3. **Great Egret** *Ardea alba modesta*
2 ex Dumoga-Bone NP 7/9.
4. **Intermediate Egret** *Egretta intermedia*
1 ex Tondano 30/8 and 6 ex Dumoga-Bone NP 7/9.
5. **Little Egret** *Egretta garzetta nigriceps*
30 ex Tondano 30/8, 2 ex Dumoga-Bone NP 7/9 and 50 ex 8/9, noted (no numbers) en route to Manado
9/9.
6. **Pacific Reef-Egret** *Egretta Sacra*
15 ex Tangkoko NR 29/8 and 1 ex Sidangoli 11/9.
7. **Javan Pond Heron** *Ardeola speciosa speciosa*
7 days with observations. Maximum 25 ex Tondano 30/8. No observation from Halmahera.
8. **Cattle Egret** *Bubulcus ibis coromandus*
9 days with observations. Maximum 100 ex Dumoga-Bone NP 7/9. No observation from Halmahera.
9. **Striated Heron** *Butorides striata*
10 ex Dumoga-Bone NP 29/8 (*carcinophila*), 3 ex Sidangoli 8/9 (*moluccarum*) and 1 ex 12/9
(*moluccarum*).
10. **Rufous Night Heron** *Nycticorax caledonicus manillensis*
3 ex Tondano 30/8.
11. **Cinnamon Bittern** *Ixobrychus cinnamomeus*
4 ex Tondano 30/8.
12. **Wandering Whistling Duck** *Dendrocygna arcuata arcuata*
40 ex Tondano 30/8 and 5 ex Dumoga-Bone NP 7/9.
13. **Sunda Teal** *Anas gibberifrons*
5 ex Tondano 30/8 and 6 ex en route to manado 8/9.
14. **Osprey** *Pandion haliaetus cristatus*
2 ex Kali Batu Putih 9/9.
15. **Pacific Baza** *Aviceda subcristata rufa*
1 ex Fayau 11/9.

16. **Black-shouldered Kite** *Elanus caeruleus hypoleucus*
3 ex Wuasa 31/8.
17. **Black Kite** *Milvus migrans affinis*
2 ex Tondano and 1 ex en route to Manado 30/8, 15 ex Dumoga-Bone NP 6/9 and 1 ex 7/9.
18. **Brahminy Kite** *Haliastur indus*
8 days with observations. Maximum 6 ex 11/9 and 12/9. Seen on both Sulawesi and Halmahera. The subspecies at Halmahera is *girrenera*.
19. **White-bellied Sea Eagle** *Haliaeetus leucogaster*
1 ex Dumoga-Bone NP 28/8 and 2 ex 29/9, 1 imm 9/9 and 1 imm 11/9, finally 1 imm Sidangoli 12/9.
20. **Sulawesi Serpent Eagle** *Spilornis rufipectus rufipectus*
2 ex Wuasa 31/8, 2 ex Anoso Track, Lore Lindu NP and 1 Jalan Dorman 1/9, 2 calling Anoso Track, Lore Lindu NP 2/9 and finally 1 ex Koto Tomohon, Manado 13/9..
21. **Spotted Harrier** *Circus assimilis*
1 ♂ Tondano 30/8, 1 ♂ Wuasa 31/8 and 1 ex Palu 4/9.
22. **Sulawesi Goshawk** *Accipiter griseiceps*
1 ex Anoso Track, Lore Lindu N 3/9 and 1 imm en route to Palu 4/9.



Sulawesi Goshawk, immature. En route to Palu 4/9.

Photo: Bengt Grandin

23. **Spot-tailed Goshawk** *Accipiter trionatus*
1 ex Anoso Track, Lore Lindu N 2/9 and 1 calling Dumoga-Bone NP 6/9 and 1 calling 7/9.
24. **Variable Goshawk** *Accipiter hiogaster griseogularis*
1 ex Kali Batu Putih 9/9, 1 ex 10/9, 1 ex Fayau 11/9 and 1 ex Kali Batu Putih 12/9.
25. **Small Sparrowhawk** *Accipiter nanus*
1 ex Lake Taming, Lore Lindu NP 3/9.
26. **Vinous-breasted Sparrowhawk** *Accipiter rhodogaster rhodogaster*
1 ex Dumoga-Bone NP 7/9.
27. **Rufous-winged Buzzard** *Butastur liventer*
1 ex Wuasa 31/8.
28. **Black Eagle** *Ichneutes malayensis malayensis*
1 ex en route to Wuasa 1/9, 3 ex Anoso Track, Lore Lindu NP 2/9, 2 ex en route to Palu 4/9 and 2 ex Dumoga-Bone NP 7/9.
29. **Gurney's Eagle** *Aquila gurneyi*
3 ad + 1 imm Kali Batu Putih 9/9 and 1 imm Kali Batu Putih 10/9.
30. **Rufous-bellied Eagle** *Aquila kienerii formosus*
1 ex Tangkoko NR 29/9 and 1 ad en route to Palu 4/9.
31. **Sulawesi Hawk-Eagle** *Spizaetus lanceolatus*
1 imm Tangkoko NR 29/8, 1 ex Temboan 30/8, 1 calling Anoso Track, Lore Lindu NP 2/9, 1 calling Lake Tembing, Lore Lindu NP 3/9 and finally 1 ad Dumoga-Bone NP 7/9.
32. **Spotted Kestrel** *Falco moluccensis moluccensis/microbalius*
1 ex Manado 27/8, 1 ex Wuasa 31/8, 1 ex Anoso Track, Lore Lindu NP 2/9 and 2 ex en route to Palu 4/9 all belongs to subspecies *microbalius*. 1 ♂ Dum-Dum area 10/9 and 3 ex Fayau 11/0 all belongs to subspecies *moluccensis*.

33. **Peregrine Falcon** *Falco peregrinus ernesti*
1 ex Tangkoko NR 27/8.
34. **Maleo** *Macrocephalon maleo*
1 Dumoga-Bone NP 6/9.



Maleo. Dumoga-Bone NP.

Photo: Bengt Grandin

35. **Tabon (Philippine) Scrubfowl** *Megapodius cumingii gilberti*
1 ex Tangkoko NR 28/8 and 3 ex 29/8.
36. **Dusky Scrubfowl** *Megapodius freycinet freycinet*
5 ex Kali Batu Putih 9/9 and 2 ex 11/9.
37. **Barred Buttonquail** *Turnix suscitator rufilatus*
1 pair Palu 4/9.
38. **Buff-banded Rail** *Gallirallus philippensis*
2 ex Tondano 30/8, 1 calling Palu 4/9, 1 ex en route to Dumoga-Bone NP 5/9, 2 ex Dumoga-Bone NP 6/9 and 1 calling 7/9, 1 ex Kali Batu Putih 9/9 and 2 ex Koto Tomohon 13/9.
39. **Barred Rail** *Gallirallus torquatus celebensis*
2 ex en route to Tangkoko NR 28/8, 10 ex en route to Manado 30/8, 1 ex Wuasa 3/9 and 1 calling Dumoga-Bone NP 7/9.
40. **Isabelline Bush-hen** *Amaurornis isabellina*
3 ex Tangkoko NR 28/8, 1 ex Temboan 30/8 and 2 ex Koto Tomohon 13/9.
41. **Rufous-tailed Bush-hen** *Amaurornis moluccana moluccana*
1 calling Kali Batu Putih 10/9 and 2 ex 11/9.
42. **White-browed Crake** *Porzana cinerea*
3 ex Tondano 30/8.
43. **Common Moorhen** *Gallinula chloropus orintalis*
2 ex en route to Tangkoko NR 27/8 and 1 ex Tondano 30/8.
44. **Pacific Golden-plover** *Pluvialis fulva*
1 ex Dumoga-Bone NP 7/9.
45. **Whimbrel** *Numenius phaeopus variegatus*
1 ex Sidangoli 8/9.
46. **Common Sandpiper** *Actitis hypoleucos*
2 ex Tangkoko NR 29/8, 1 ex en route to Wuasa 31/8 and 2 ex en route to Manado 8/9.
47. **Grey-tailed Tattler** *Tringa brevipes*
2 ex Tangkoko NR 29/8.
48. **Wood Sandpiper** *Tringa glareola*
30 ex Tondano 30/8, 2 ex en route to Sinsongon 5/9, 25 ex Dumoga-Bone NP 7/9 and 20 ex en route to Manado 8/9.
49. **Long-toed Stint** *Calidris subminuta*
1 ex Tondano 30/8.

50. **Whiskered Tern** *Chlidonias hybrida javanicus*
5 ex Dumoga-Bone NP 6/9.
51. **Great Crested Tern** *Thalasseus bergii cristatus*
1 ex Tangkoko NR 29/8 and 6 Ternate – Sidangoli 8/9.
52. **Red-collared Dove** *Streptopelia tranquebarica humilis*
10 ex Palu 4/9.
53. **Spotted Dove** *Streptopelia chinensis tigrina*
11 days with observation.
54. **Slender-billed (Brown) Cuckoo-Dove** *Macropygia amboinensis albicapilla/batchianensis*
10 days with observations. Maximum 6 ex Tangkoko NR 28/8, 5 ex Kali Batu Putih 12/9 and 5 ex Koto Tomohon 13/9.
55. **White-faced Cuckoo-Dove** *Turacoena manadensis*
3 ex Tangkoko NR 29/8, 3 ex Temboan 30/8, 1 ex Dumoga-Bone NP 7/9 and 1 ex en route to Manado 8/9.
56. **Emerald Dove** *Chalcophaps indica indica*
3 ex Tangkoko NR 29/8, 1-3 ex Halmahera 9-12/9 and finally 1 ex Koto Tomohon 13/9.
57. **Pink-necked Pigeon** *Treron vernans*
Fairly common Tangkoko NR 28/8 and 3 ex en route to Manado 8/9.
58. **Grey-cheeked Pigeon** *Treron griseicauda wallacei*
5 days with observations on Sulawesi. Maximum 40 ex Dumoga-Bone NP 7/9.
59. **Red-eared Fruit-Dove** *Ptilinopus fischeri fischeri/centralis*
2-5 ex Lore Lindu NP 1-4/9 and 3 birds calling Dumoga-Bone NP 6/9.
60. **Superb Fruit-Dove** *Ptilinopus superbis superbis/temminckii*
8 ex Lore Lindu NP 3/9 and 1 ex 4/9, 3 birds calling Dumoga-Bone NP 6/9, 1 ♂ + 1 ex Kali Batu Putih 9/9 and 1 ex N Kali Batu Putih 12/9.
61. **Blue-capped Fruit-Dove** *Ptilinopus monacha*
2 birds calling Kali Batu Putih 9/9, 1 bird calling 11/9 and finally 6 ex N Kali Batu Putih 12/9.
62. **Grey-headed Fruit-Dove** *Ptilinopus hyogastrus*
3-10 ex Kali Batu Putih 9-11/9.
63. **Black-naped Fruit-Dove** *Ptilinopus melanospilus*
7 days with observations on Sulawesi. Maximum 10 ex Tangkoko NR 28/8.
64. **White-bellied Imperial Pigeon** *Ducula forsteni*
4 ex Temboan 27/8, 1-7 ex Lore Lindu NP 1-4/9 and 2 ex Dumoga-Bone NP 6/9.



White-bellied Imperial Pigeon, Lore Lindu NP.

Photo: Bengt Grandin

65. **Grey-headed Imperial Pigeon** *Ducula radiata*
5 ex Temboan 30/8 and 8 ex Lore Lindu NP 2/9.
66. **Green Imperial Pigeon** *Ducula aenea paulina*
15 ex Temboan 27/8, very common Tangkoko NR 2-4/8 and 2 ex Dumoga-Bone NP 7/9.
67. **White-eyed (Spectacled) Imperial Pigeon** *Ducula perspicillata perspicillata*
1 bird calling + 2 ex Kali Batu Putih 9/9, 5 ex 10/9 and 1 bird calling 11/9.

68. **Cinnamon-bellied Imperial Pigeon** *Ducula basilica basilica*
1 ex Kali Batu Putih 11/9.
69. **Pied Imperial Pigeon** *Ducula bicolor*
60 ex Pinto, Tangkoko NR 29/8, 10 ex (*melanura*) Sidangoli area 8/9 and 100+ (*melanura*) Dum-Dum area 10/9.
70. **White (Silver-tipped) Pigeon** *Ducula luctuosa*
15 ex Temboan 27/8 + 20 ex 30/8 and 10 ex Tangkoko NR 28/8.
71. **Sombre Pigeon** *Cryptophaps poecilorrhoa*
1 ex Lore Lindu NP 2/9.
72. **White Cockatoo** *Cacatua alba*
2-10 ex Kali Batu Putih 9-11/9.



White Cockatoo, KBP. Photo: Bengt Grandin

73. **Violet-necked Lory** *Eos squamata riciniata*
2 ex Dum-Dum area 10/9.
74. **Ornate Lorikeet** *Trichoglossus ornatus*
2 ex Tangkoko NR 28/8 + some few calling 29/8 and 1 ex Lore Lindu NP 1/9.
75. **Yellow-and-green Lorikeet** *Trichoglossus flavoviridis meyeri*
2-3 ex Lore Lindu NP 2-4/9 and 2 ex Dumoga-Bone NP 6/9
76. **Chattering Lory** *Lorius garrulous garrulus*
5 birds calling Kali Batu Putih 9/9 + 6 ex 11/9.
77. **Red-flanked Lorikeet** *Charmosyna placensis intensior*
2 ex Kali Batu Putih 9/11 + 1 ex 11/9 and 6 ex Dum-Dum area 10/9.
78. **Red-cheeked Parrot** *Geoffroyus geoffroyi cyanicollis*
2 birds calling + 3 ex Kali Batu Putih 9/9 + 1 ex 11/9 and 2 ex Dum Dum area 10/9.
79. **Yellowish-breasted Raquet-tail** *Prioniturus flavicans*
8 ex Tangkoko NR 28/8.
80. **Golden-mantled Raquet-tail** *Prioniturus platurus platurus*
12 ex Temboan 27/8 + calling birds 30/4, some few Tangkoko NR 28/8 and 4 bird calling Lore Lindu NP 1/9 + 8 ex 2/9.
81. **Great-billed Parrot** *Tanygnathus megalorynchos megalorynchos*
1 ex Dum-Dum area 10/9 and 5 ex Kali Batu Putih 11/9.
82. **Azure-rumped (Blue-backed) Parrot** *Tanygnathus sumatranus sumatranus*
3 ex Tangkoko NR 28/8 and 1 ex Temboan 30/8.
83. **Eclectus Parrot** *Eclectus roratus vosmaeri*
6 ex Kali Batu Putih 9/9 + 2-5 ex 11-12/9 and 6 ex Dum-Dum area 10/9.
84. **(Large) Sulawesi Hanging-Parrot** *Loriculus stigmatus*
15 ex Tangkoko NR 28/8 + some few 29/8, 2 ex Temboan 30/8 and 2 ex Dumoga-Bone NP 6/9 + 25 ex 7/9.

85. **Moluccan Hanging-Parrot** *Loriculus amabilis*
2 ex Dum-Dum area 10/9.
86. **Pygmy (Small Sulawesi) Hanging-Parrot** *Loriculus exilis*
8 ex Tangkoko NR 29/8 and 2 ex Dumoga-Bone NP 7/9.
87. **Brush Cuckoo** *Cacomantis variolosus*
7 days with observations (*sepulcralis*) . Maximum 5 birds Lore Lindu NP 3/9 and 5 birds calling Dumoga-Bone NP 7/9. *C. v. variolosus* – 3 ex Dum-Dum area 10/9 and 2 birds calling N Kali Batu Putih 12/9.
88. **Black-billed Koel** *Eudynamys melanorhynchus melanorhynchus*
7 days with observations. Maximum 3 ex Tangkoko NR 28/8 + 3 ex 29/8.
89. **Channel-billed Cuckoo** *Scythrops novaehollandiae*
1 ex Tangkoko NR 28/8.
90. **Yellow-billed Malkoha** *Phaenicophaeus calyborhynchus calyborhynchus/meridionalis*
7 days with observations. Maximum 40 (!) ex Tangkoko NR 28/8.
91. **Bay Coucal** *Centropus celebensis celebensis*
2 ex Temboan 27/8 + 3 ex 30/8, 5 ex Tangkoko NR 27/8 + 2 ex 29/8 and 2 birds calling Dumoga-Bone NP 6/9 + 2 birds calling 7/9.
92. **Goliath Coucal** *Centropus goliath*
4-11 ex Halmahera 9-12/9.
93. **Lesser Coucal** *Centropus bengalensis sarasinorum/medius*
14 days with observations. Noticed almost every day with maximum 3 birds.
94. **Sulawesi (Masked-) Owl** *Tyto rosenbergii rosenbergii*
1 ex Pinto, Tangkoko NR 29/8 and 1 bird calling Dumoga-Bone 6/9.



Sulawesi Masked Owl. Pinto, Tangkoko.

Photo: Bengt Grandin

95. **Moluccan Scops Owl** *Otus magicus leucospilus*
4 birds calling Kali Batu Putih 9/9 + 2 birds calling 11/9.
96. **Sulawesi Scops Owl** *Otus manadensis manadensis*
1-2 birds calling (1 bird seen) Tangkoko NR 27-29/8, 1 bird calling Lore Lindu NP 3/8 and 1 bird calling Dumoga-Bone NP 6/9.

97. **Ochre-bellied Hawk Owl** *Ninox ochracea*
2 birds seen well Tangkoko NR 28/8.



Ochre-bellied Hawk Owl, Tangkoko. Photo: Lars Nilsson

98. **Cinnabar Hawk Owl** *Ninox ios*
1 bird calling Lore Lindu NP 3/9 and 6 birds calling (2 seen) Dumoga-Bone NP 6/9.
99. **Moluccan Hawk Owl** *Ninox squamipila hypogramma*
3 birds calling Kali Batu Putih 11/9.
100. **Moluccan Owlet-Nightjar** *Aegotheles crinifrons*
5 birds calling (2 seen well) Kali Batu Putih 9/9 + 2 birds calling 11/9.
101. **Diabolic (Satanic) Nightjar** *Eurostopodus diabolicus*
1 ex Lore Lindu NP 3/9 + 1 ex (probably same bird) 4/9.
102. **Great-eared Nightjar** *Eurostopodus macrotis macropterus*
2 ex Tangkoko NR 28/8, 1 ex Wuasa 1/9, 1 ex Lore Lindu NP 3/9 and 2 birds calling Dumoga-Bone NP 6/9.
103. **Large-tailed Nightjar** *Caprimulgus macrourus schlegelii*
1-2 ex Kali Batu Putih 9-11/9 + 1 bird calling 12/9.
104. **Sulawesi Nightjar** *Caprimulgus celebensis celebensis*
2 ex Tangkoko NR 28/8.
105. **Glossy Swiftlet** *Collocalia esculenta spilura/manadensis*
15 days with observations.
106. **Moluccan Swiftlet** *Aerodramus infuscatus sororum*
50 ex Manado 27/8, observed at Tangkoko NR 28-29/8, observed Dumoga-Bone 7/8 and 30 ex Kota Tomohon 13/9.
107. **Uniform Swiftlet** *Aerodramus vanikorensis*
9 days with observations.
108. **Purple Needletail** *Hirundapus celebensis*
45 ex Lore Lindu NP 1/9 and 4 ex Dumoga-Bone NP 7/9.
109. **Purple/White-throated Needletail** *Hirundapus celebensis/caudacutus*
8 ex Dumoga-Bone 6/9.
110. **Asian Palm-Swift** *Cypsiurus balasiensis*
4 ex Dumoga-Bone NP 7/9.
111. **Fork-tailed (Pacific) Swift** *Apus pacificus*
2 ex Ternate 12/9.
112. **Grey-rumped Treeswift** *Hemiprocne longipenni wallacii*
3 ex Temboan 27/8, 10 ex Tangkoko NR 28/8 + 40 ex 29/8, 30 ex Dumoga-Bone NP 7/9 and 2 ex en route 8/9.
113. **Moustached Treeswift** *Hemiprocne mystacea confirmata*
1 ex Halmahera 8/9 and 8 ex during the day 11/9.

114. **Common Kingfisher** *Alcedo atthis hispidoides*
 3 ex Sampirang, Tangkoko NR 29/8, 2 ex en route Wuasa – Palu 4/9, 1 ex Dumoga-Bone NP 6/9, 1 ex en route 8/9 and 1 ex Dum-Dum Area 10/9.
115. **Sulawesi (Dwarf) Kingfisher** *Ceyx fallax fallax*
 1 ♂ Tangkoko NR 28/8.



Sulawesi Dwarf Kingfisher. Tangkoko NP.

Photo: Göran Pettersson

116. **Lilac(-cheeked) Kingfisher** *Cittura cyanotis*
 2 ex Tangkoko NR 28/8 + 5 ex 29/8.
117. **Black-billed Kingfisher** *Pelarcopsis melanorhyncha*
 2 ex Sampirang, Tangkoko NR 29/8.



Black-billed Kingfisher, Sampirang, Tangkoko. Photo: Bengt Grandin

118. **Ruddy Kingfisher** *Halcyon coromanda*
 2 ex Tangkoko NR 28/8 + 1 ex 29/8.
119. **Blue-and-white Kingfisher** *Todiramphus diops*
 1-2 ex Halmahera 9-12/9.
120. **Collared Kingfisher** *Todiramphus chloris chloris*
 13 days with observations. No birds seen on Halmahera.
121. **Beach Kingfisher** *Todiramphus saurophagus saurophagus*
 2 ex Sidangoli 11/9.
122. **Sacred Kingfisher** *Todiramphus sanctus sanctus*
 2-5 ex Halmahera 9-11/9.
123. **Green-backed Kingfisher** *Actenoides monachus monachus*
 1-6 ex Tangkoko NR 28-30/8.
124. **Scaly(-breasted) Kingfisher** *Actenoides princeps princeps*
 1 ex + 1 bird calling Dumoga-Bone NP 6/9.

125. **Common Paradise-Kingfisher** *Tanysiptera galatea browning*
5 ex N Kali Batu Putih 12/9.
126. **Purple-bearded Bee-eater** *Meropogon forsteni*
2-4 ex Lore Lindu NP 1-4/9.
127. **Blue-tailed Bee-eater** *Merops philippinus*
5 ex en route 31/8, 5 ex Palu and 3 ex en route 4/9.
128. **Rainbow Bee-eater** *Merops ornatus*
24 ex Tangkoko NR 28/8 and 1-10 ex Halmahera 9-12/9
129. **Purple-winged Roller** *Coracias temminckii*
2 ex Tangkoko NR 29/8.
130. **Dollarbird** *Eurystomus orientalis*
1 ex Sampirang 29/8 and 2-10 ex Halmahera 10-12/9.



Dollarbird. Sampirang.

Photo: Göran Pettersson

131. **Sulawesi (Dwarf) Hornbill** *Penelopides exarhatus exarhatus*
2 ex Tangkoko NR 27/8, 5 ex Temboan 30/8 and 4 ex Dumoga-Bone NP 7/9.
132. **(Red-) Knobbed Hornbill** *Aceros cassidix*
8 days with observations. Maximum 40 birds Lore Lindu NP 2/9.
133. **Blyth's Hornbill** *Aceros plicatus ruficollis*
10-50 ex Halmahera 9-12/9.
134. **Sulawesi (Pygmy) Woodpecker** *Dendrocopos temminckii*
1-4 ex Lore Lindu NP 1-3/9 and 6 ex Dumoga-Bone NR 6/9.
135. **Ashy Woodpecker** *Mulleripicus fulvus fulvus*
8 ex Tangkoko NR 28/8 + 5 ex 29/8, 2 ex Temboan 30/8, 2 ex Lore Lindu NP 1/9 and 1 bird drumming Dumoga-Bone 6/9 + 1 ex 7/9.
136. **Ivory-breasted Pitta** *Pitta maxima maxima*
2-12 birds calling Halmahera 9-12/9. Only some few birds seen.
137. **Red-bellied Pitta** *Pitta erythrogaster celebensis*
2 ex Tangkoko NR 28/8 + 2 ex 29/8, 1 bird calling Temboan 30/8 and 1 bird calling Dumoga-Bone NP 7/9.
138. **Barn Swallow** *Hirundo rustica*
9 days with observations. Maximum 100+ Dum-Dum area 10/9.
139. **Pacific Swallow** *Hirundo tahitica javanica*
15 days with observations.
140. **Grey Wagtail** *Motacilla cinerea cinerea*
2 ex Lore Lindu NP 3/9.
141. **Pied Cuckooshrike** *Coracina striata bicolor*
Some few calling Tangkoko NR 28/8 and 29/8.
142. **Cerulean Cuckooshrike** *Coracina temminckii rileyi*
2-4 ex Lore Lindu NP 2-4/9 and 1 bird calling Dumoga-Bone NP 6/9 + 1 ex 7/9.
143. **White-rumped Cuckooshrike** *Coracina leucopygia*
15 ex Tangkoko NR 28/8, 3 ex Sampirang, Tangkoko NR 29/8 and 2 ex Temboan 30/8.

144. **White-bellied Cuckooshrike** *Coracina papuensis melanolora*
6 ex Dum-Dum area 10/9.
145. **Pygmy Cuckooshrike** *Coracina abbotti*
3 ex Lore Lindu NP 1/9, 2 ex 3/9 and 1 ex 4/9.
146. **(Common) Cicadabird** *Coracina tenuirostris grayi*
1 ex N Kali Batu Putih 10/9.
147. **Sulawesi Cuckooshrike (Cicadabird)** *Coracina morio morio*
2 ex Temboan 30/8 and 3 ex Lore Lindu NP 1/9.
148. **White-rumped (Sulawesi) Triller** *Lalage leucopygialis*
6 ex Tangkoko NR 28/8, 1 ex Lore Lindu NP 1/9 and 1 Makassar 5/9.
149. **White-shouldered Triller** *Lalage sueurii*
4 ex Palu 4/9, 1 ex Dumoga-Bone NP 7/9 and 1 ex en route 8/9.
150. **Rufous-bellied Triller** *Lalage aurea*
3-8 ex Halmahera 9-12/9.
151. **Sooty-headed Bulbul** *Pycnonotus aurigaster*
6 days with observations on Halmahera. Maximum 10 ex Tangkoko NR 28/8. Introduced species.
152. **Golden Bulbul** *Alophoixus affinis chloris*
2-5 ex Halmahera 9-12/9.
153. **(Red-) Rusty-backed Thrush** *Zoothera erythronota erythronota*
2 ex Tangkoko NR 28/8.
154. **Sulawesi Thrush** *Cataponera turdoides abditiva*
5 ex Lore Lindu NP 3/9.
155. **Great Shortwing** *Heinrichia calligyna*
1 juv Lore Lindu NP 2/9.
156. **Golden-headed Cisticola** *cisticola exilis rusticus*
3 ex Tondano 30/8, 1 ex en route 1/9, 1 ex Lore Lindu NP 3/9 + 1 ex 4/9 and 1 ex en route 8/9.
157. **Chestnut-backed Bush Warbler** *Bradupterus castaneus castaneus*
5 birds calling Lore Lindu NP 1/9.
158. **Oriental Reed Warbler** *Acrocephalus orientalis*
1 ex Tondano 30/8 and 1 bird calling Dumoga-Bone NP 6/9.
159. **Mountain Tailorbird** *Orthotomus cuculatus*
Common Lore Lindu NP 1-4/9 and fairly common Dumoga-Bone NP 6/9.
160. **Sulawesi Leaf Warbler** *Phylloscopus sarasinorum nesophilus*
5 ex Lore Lindu NP 1/9, 2 ex 3/9 and 4 ex 3/9, 2 ex Dumoga-Bone NP 6/9 and 1 ex Koto Tomohon 13/9.
161. **Grey-streaked Flycatcher** *Muscicapa griseisticta*
1 ex Lore Lindu NP 1/9 and 1 ex 3/9. Both birds were of the Sulawesi "style" griseisticta.
162. **Little Pied Flycatcher** *Ficedula westermanni westermanni*
1-3 ex Lore Lindu NP 1-3/9 and 1 ex Dumoga-Bone NP 6/9.
163. **Island (Verditer) Flycatcher** *Eumyias panayensis septentrionalis*
1-10 ex Lore Lindu NP 1-4/9, 4 ex Dumoga-Bone NP 6/9 and 3 ex Koto Tomohon 13/9.
164. **Matinan Flycatcher** *Cyornis sanfordi*
2 ex Dumoga-Bone NP 6/9.



Matinan Flycatcher. Mt Ambang.

Photo : Bengt Grandin

165. **Blue-fronted Flycatcher** *Cyornis hoevelli*
8 ex Lore Lindu NP 1/4, 5 ex 3/9 and 2 ex 4/9.
166. **Sulawesi Blue Flycatcher** *Cyornis omissus*
1-6 ex Lore Lindu NP 1-4/9 and 3 ex Koto Tomohon 13/9.
167. **Citrine Canary-Flycatcher** *Culicicapa helianthea helianthea*
1-10 ex Lore Lindu NP 1-4/9, 10 ex Dumoga-Bone 6/9 and 5 ex Koto Tomohon 13/9.
168. **Pied Bushchat** *Saxicola caprata albonotatus*
3 ♂♂ Wuasa 31/9 and 3 ex Palu 4/9.
169. **Willie Fantail** *Rhipidura leucophrys melaleuca*
2-15 ex Halmahera 9-12/9.
170. **Rusty-flanked (-belleid) Fantail** *Rhipidura teysmanni toradja*
1-4 ex Lore Lindu NP 1-4/9 and 2 ex Dumoga-Bone NP 6/9.
171. **Pale-blue Monarch** *Hypothymis puella puella*
10 ex Tangkoko NR 28/8 + 2 ex 29/8, 2 ex Temboan 30/8 and 1 ex Dumoga-Bone NP 6/9 + 3 ex 7/9.
172. **Spectacled Monarch** *Monarcha trivirgatus bimaculatus*
1 ex Kali Batu Putih 9/9 + 2 ex 12/9 and 5 ex Dum-Dum area 10/9.
173. **Moluccan (Slaty) Flycatcher** *Myiagra galeata galeata*
2 ex Dum-Dum area 10/9.
174. **Shining Flycatcher** *Myiagra alecto alecto*
2-4 ex Halmahera 9-11/9 and 2 ex Koto Tomohon 13/9.
175. **Olive- (Yellow-) flanked Whistler** *Hylocitrea bonensis bonensis*
2 ex Lore Lindu NP 1/9 + 1 ex 2/9.
176. **Maroon-backed Whistler** *Coracornis raveni*
2 ex Lore Lindu NP 2/9.
177. **Sulphur-bellied (Yellow-vented) Whistler** *Pachecephala sulfuriventer*
3-8 ex Lore Lindu NP 1-4/9 and 5 ex Dumoga-Bone 6/9.
178. **(Common) Golden Whistler** *Pachecephala pectoralis mentalis*
1-5 ex Halmahera 9-12/9.
179. **Drab Whistler** *Pachecephala griseonota*
1 ex N Kali Batu Putih 10/9.
180. **Malia** *Malia grata stresemanni*
1-4 ex Lore Lindu NP 1-3/9.
181. **Sulawesi Babbler** *Trichastoma celebense celebense/rufofuscum*
8 days with observations. Maximum 10 ex Tangkoko NR 28/8 and 10 ex 29/8.
182. **Golden-bellied Gerygone (Flyeater)** *Gerygone sulphurea flaveola*
2 ex Lore Lindu NP 3/9, 1 ex Wuasa + 1 ex Palu 4/9 and 2 ex en route 8/9.
183. **(Brown-) Plain-throated Sunbird** *Anthreptes malacensis celebensis*
1 ex Tangkoko NR 28/8, 1 ex Lore Lindu NP 1/9, 1 ex Dumoga-Bone NP 7/9 and 1 pair en route 8/9.
184. **Black Sunbird** *Leptocoma sericea grayi/atriceps*
1 ♂ Tangkoko NR 28/8 + 3 ex 29/8, 2 ♂♂ Lore Lindu NP 3/8 and 4-6 ex Halmahera 9-12/9.
185. **Olive-backed Sunbird** *Nectarinia jugularis platen/freanus*
15 days with observations. Maximum 15 ex Tangkoko NR 28/8 and 10 ex during the day 9/9.



Olive-backed Sunbird, Mt Ambang.

Photo: Bengt Grandin

186. **(Eastern) Crimson Sunbird** *Aethopyga siparaja siparaja*
1 ♂ Lore Lindu NP 1/9 and 1 ♂ Dumoga-Bone 7/9.

187. **Yellow-sided Flowerpecker** *Dicaeum aureolimbatum aureolimbatum*
8 days with observations. Maximum 10 ex Dumoga-Bone NP 6/9.
188. **Crimson-crowned Flowerpecker** *Dicaeum nehrkorni*
1-3 ex Lore Lindu NP 1-4/9 and 1 ex Koto Tomohon 13/9.
189. **Grey-sided Flowerpecker** *Dicaeum celebicum celebicum*
8 days with observations.
190. **Mountain White-eye** *Zosterops montanus montanus*
2-10 ex Lore Lindu NP 1-4/9, 5 ex Dumoga-Bone NP 6/9 and fairly common Kota Tomohon 13/9.
191. **Yellow-bellied White-eye** *Zosterops chloris mentoris*
5 ex during the day 31/8, 15 ex Lore Lindu NP 1/9, 10 ex 3/9 and 5 ex 4/9.
192. **Black-fronted White-eye** *Zosterops atrifrons atrifrons*
8 days with observations. Maximum 10 ex Tangkoko NR 28/8, 10 ex 29/8 and 10 ex Koto Tomohon 13/9.
193. **Cream-throated White-eye** *Zosterops atriceps fuscifrons*
2-5 ex Halmahera 9-11/9.
194. **Streak-headed White-eye** *Lophozosterops javanicus*
2-6 ex Lore Lindu NP 1-3/9 and 8 ex Dumoga-Bone 6/9.
195. **Sulawesi Myzomela** *Myzomela chloroptera chloroptera/charlotte*
1-3 ex Lore Lindu NP 1-3/9, 1 ex Dumoga-Bone NP 6/9 and 5 ex Kota Tomohon 13/9.
196. **White-streaked Friarbird** *Melitograis gilolensis*
2 ex Dum-Dum area 10/9 and 1 ex N of Kali Batu Putih 11/9.
197. **Dark-eared (Lesser Sulawesi) Honeyeater** *Myza celebensis celebensis*
1-4 ex Lore Lindu NP 1-4/8 and 2 ex Dumoga-Bone NP 6/9.
198. **Greater Streaked (Sulawesi) Honeyeater** *Myza sarasinorum chionogenys*
8 ex Lore Lindu NP 2/9.
199. **Black-naped Oriole** *Oriolus chinensis celebensis*
8 days with observations.
200. **Hair-crested Drongo** *Dicrurus hottentottus leucops*
Fairly common Tangkoko NR 28/8 + 15 ex 29/8, observed Temboan 30/8, 2 ex Wuasa 31/8 and 2 ex Dumoga-Bone NP 6/9 + 2 ex 7/9.
201. **Sulawesi Drongo** *Dicrurus montanus*
3 ex Lore Lindu NP 1/9 + 3 ex 3/9 and 1 ex Dumoga-Bone NP 6/9.
202. **Spangled Drongo** *Dicrurus bracteatus atrocaeruleus*
2-10 ex Halmahera 9-12/9.
203. **White- (Ivory-) backed Woodswallow** *Artamus monachus*
2-10 ex Lore Lindu NP 1-3/9.
204. **White-breasted Woodswallow** *Artamus leucorhynchus amydrus*
10 days with observations. Maximum 20 ex during the day 10/9.
205. **Paradise Crow** *Lycocorax pyrrhopterus pyrrhopterus*
11 ex Dum-Dum area 10/9 and 4 ex Kali Batu Putih 11/9.
206. **Wallace's Standardwing** *Semioptera wallaci*
3 ex Kali Batu Putih 9/9.
207. **Slender-billed Crow** *Corvus enca celebensis*
10 days with observations.
208. **Piping Crow** *Corvus typicus*
2-5 ex Lore Lindu NP 1-4/9.
209. **Long-billed Crow** *Corvus validus*
1-6 ex Halmahera 10-12/9.
210. **Metallic Starling** *Aplonis metallica metallica*
Daily observations on Halmahera 9-12/9. Fairly common.
211. **Asian Glossy Starling** *Aplonis panayensis panayensis*
3 ex Tangkoko NR 29/3, some few Tondano 30/4, 10 ex Wuasa 31/8 and 2 ex en route 8/9.
212. **Moluccan Starling** *Aplonis mysolensis*
10 ex N Kali Batu Putih 11/9.
213. **(Sulawesi) Crested Myna** *Basilornis celebensis*
1 ex Tangkoko NR 27/8, 2 ex 28/3, 2 ex Temboan 30/8, 7 ex Lore Lindu NP 1/9 + 7 ex 2/9 and 10 ex Dumoga-Bone NR 7/9.
214. **White-necked Myna** *Streptocitta albigollis*
2 ex Temboan 27/8 + 2 ex 30/4, 10 ex Dumoga-Bone NP 7/9 and 2 ex en route 8/9.

215. **Fiery-browed Myna** *Enodes erythrophris*
4-20 ex Lore Lindu NP 1-4/9 and 10 ex Dumoga-Bone NP 6/9.
216. **Finch-billed Myna (Grosbeak)** *Scissirostrum dubium*
Very common Tangkoko NR 28/8 and 29/8, observed Temboan 30/8, 20 ex Wuasa 31/8 and 10 ex Dumoga-Bone NP 7/9
217. **Eurasian Tree Sparrow** *Passer montanus malaccensis*
16 days with observations.
218. **Black-faced Munia** *Lonchura molucca*
2 ex Tangkoko NR 28/8, 8 ex Palu 4/9, 3 ex Kali Batu Putih 9/9 and 3 ex Dum-Dum area 10/9.
219. **Scaly-breasted Munia** *Lonchura punctulata particeps*
40 ex Tondano 30/8 and 2 ex Palu 4/9.
220. **Chestnut Munia** *Lonchura atricapilla jagori*
11 days with observations. Maximum 30 ex Tondano 30/8.
221. **Pale-headed Munia** *Lonchura pallid subcastanea*
15 ex Palu 4/9.

SPECIES LIST – MAMMALS

Follows Duff & Lawson (2004).

1. **Spectral Tarsier** *Tarsius spectrum*
3 ex Tangkoko NP 28/8.
2. **Sulawesi Crested Macaque** *Macaca nigra*
30+ Tangkoko NP 28/8 and noted 29/8.
3. **Gorontalo Macaque** *Macaca nigrescens*
2 ex Dumoga – Bone NP 7/9.
4. **Tonkean Macaque** *Macaca tonkeana*
3 ex Lore Anoso track, Lindu NP 2/9 and 3 ex 4/9.