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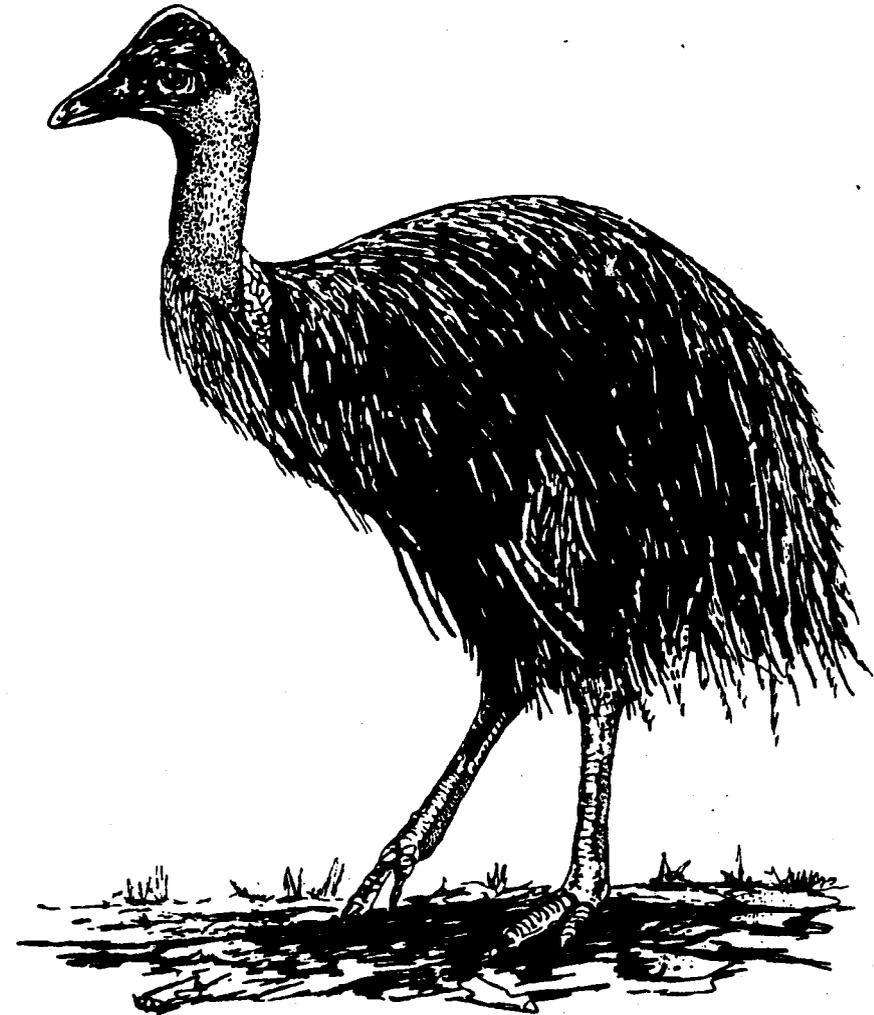
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MURUK



VOLUME 4 NUMBER 1 SEPTEMBER 1989
THE JOURNAL OF THE PAPUA NEW GUINEA BIRD SOCIETY

EDITORIAL

Once again a MURUK editorial has to start with apologies for the late appearance of this issue. This has largely been my fault as I did not realise quite how much work was involved, but has been compounded by that staple editor's excuse - the computer. Here is issue 4.1, I hope you find the wait was worthwhile. In producing this issue I have received a great deal of help from the previous editor, Mike Hopkins and my wife Jenny. I cannot thank either of them enough.

I hope issues 4.2 and 4.3 will follow in quick succession. These issues will each have a theme. In 4.2 most papers/notes will be on bird behaviour and 4.3 will concentrate on the birds of the Port Moresby area.

We always require more articles, whether a scientific study or interesting one-off observations. Examples of the latter are short accounts of areas visited in PNG, in the style of the Gregory-Smiths' "Wallai Island" note in this MURUK or amendments/additions to Beehler *et al*, like Tolhurst's Splendid *Astrapia* note. The displays and nesting behaviour of many species are unknown, so notes on these would be particularly welcome. (I would like to produce an issue of MURUK devoted to breeding behaviour one day). Even if you feel unable to submit a note or paper, please send in your "recent observations". Visitors, as well as residents can contribute as so relatively little is known of PNG's birds. Please, please write.

EDITORS: Roger Hicks, with assistance from Mike Hopkins, Jenny Hicks, Helen Fortune Hopkins and Ian Burrows.

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The cover of this MURUK, showing a Dwarf Cassowary was drawn by Gideon Anton.

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PORT MORESBY RINGING REPORT 1986 - 1987

ROGER K. HICKS¹ AND IAN BURROWS²

After an absence of about ten years, bird-ringing, or banding, was re-established in the Port Moresby area in October 1986. Permits are required from both the PNG Department of Environment and Conservation (DEC) and the Australian National Parks and Wildlife Service (ANPWS). The ANPWS administer the Australian Bird and Bat Banding Schemes (ABBBS) and it is their rings we use. As far as we know there has been no bird-ringing in the Port Moresby area since 1977, when the late Harry Bell was working at Brown River (Bell 1982), close to one of the sites we now use. Indeed there have been few licensed bird ringers working in PNG in recent years, other than professional ornithologists who have been active near Tari, Southern Highlands Province, and Wau, Morobe Province. A summary of our ringing activities in the Port Moresby area between October 1986 and December 1987 is presented below.

Ringing Sites.

A wide range of ringing sites, from small offshore islets to high altitude (3000+ m) forests have been tried over these 15 months. Location details and a brief descriptions of each site are given below. The numbers after each site name refer to the following :

- PNG 1:100000 topographic survey map sheet number;
- eight figure map reference;
- number of birds trapped at that site (excluding retraps);
- number of species trapped at that site;
- number of days on which ringing was carried out at that site.

a) Brown River (8379, EK213857, 49, 25, 6)

This ringing site lies north of the Hiritano Highway, c. 5 km beyond the Brown River bridge and c. 40 km from Port Moresby. Recent logging activities (early 1987) in this area have created numerous trails along which we have set mist nets. This area has been logged on at least two occasions in the previous 30 years and is a mixture of dense secondary growth and rain forest. Approximately 150 species of birds have been recorded here in the past three years and many records from this area have been published in PNGBS newsletters and Muruk.

b) Maui Islet, Fisherman's Island (8378, EK045472, 2, 1, 1)

Maui Islet is a raised coral platform, lying c. 500 m to the south-west of Fisherman's Island, that at most protrudes 4 m above sea-level at low tide. There is some sparse vegetation on top of the island, amongst which various species of seabirds have been recorded nesting (PNGBS newsletters). We found a few tern-like nest scrapes containing eggs but no young, probably Bridled Tern *Sterna anaethus* nests. We think most breeding may occur during, or shortly after, the wet season when the vegetation may be more lush and provide more cover.

c) Ilimo Farm/Pacific Adventist College (8379, EK298620/EK303612, 4, 2, 2)

These two sites lie either side of the Hubert Murray Highway about 8 km from the Nine-mile (Hubert Murray/Hiritano Highways) junction. A small pond on Ilimo Farm, which has subsequently dried up, was used once. The farmland lying north of the Pacific Adventist College has been visited at night and Large-tailed Nightjars *Caprimulgus macrurus* have been trapped using a spotlight and "butterfly" net.

d) Lake Omha (8380, EL543317, 68, 14, 12)

This site lies at approximately 3660 m in the Owen Stanley mountain range, between Mount Victoria and Mount Albert Edward. Ringing activities have been carried out here as part of an investigation into the breeding biology, food and habitat preferences of Macgregor's Bird of Paradise *Macgregoria pulchra*. The habitat consists of extensive areas of sub-alpine grassland and bog with large stands of the podocarp tree *Dacrycarpus compactus* on drier ground. Trapping has been concentrated in and around the forested areas. Evidence is accumulating that many species lead a nomadic existence, invading these areas at times of rich food supply.

e) Moitaka Settling Ponds (8379, EK213623, 44, 12, 5)

The settling ponds lie to the north of Port Moresby, at the southern end of Waigani Swamp. There are five settling ponds of varying size separated by grassy banks. Around the edges of the ponds are varying amounts of exposed sludge which attract palearctic waders on passage. Between the settling ponds and Waigani Swamp there are extensive reed beds. All ringing activity here was in the latter part of 1986. This is the most frequently visited bird-watching site in the Port Moresby area.

f) Motupore Island (8378, EK311470, 26, 6, 11)

Motupore is a small, hilly island located about 15 km south-east of Port Moresby, 1 km from the mainland. Most of the land is eucalypt savanna, but there are some pockets of monsoonal woodland, extensive mangroves and a limited strand formation. Netting has been carried out in all these habitats with the number of birds caught reflecting the impoverished nature of this small island's avifauna.

g) Myola (8479, EK842894, 118, 27, 9)

Myola is a small village, situated at 2080 m in the Owen Stanley Mountain Range, a short distance from the Kokoda Trail and less than half-an-hour's flying time from Port Moresby. The village is on the edge of a large, marshy grassland basin which is surrounded by extensive moss forest. Close to the village are some gardens and where the forest has been cleared, but the land not utilised, there is some dense secondary growth. Mist nets have been set in all these habitats, although most trapping has been done in the forest and secondary growth east of the village.

h) University of PNG (UPNG) Campus (8379, EK197591, 14, 7, 10)

This site is IB's back garden on UPNG campus. Mist nets have been set occasionally, but the success rate has been low. Persistence pays, however, and this is the sole site of capture for five species.

i) Varirata National Park (8379, EK395560 & EK403568, 27, 13, 6)

This national park lies 40 km east of Port Moresby, on the scarp of the Astrolabe mountain range at c. 750 m. The habitat is mainly rain forest with savanna on the drier ridge tops. Two ringing sites have been used: in a stream valley south-east of the Gare's Lookout trail and along the Boundary trail which lies south of the access road and begins about 0.5 km before the toll gate. Permission to trap and ring within the park was granted by the DEC. Nearly 200 species of birds have been recorded in the park in recent years.

j) Veimauri (8379, EL050100, 8, 4, 1)

Another area of lowland rain forest that has recently become accessible as a result of logging operations. Its distance from Port Moresby (c. 60 km to the north-east along the Hiritano Highway) and very insistent mosquitos have precluded more frequent bird-ringing visits.

Species Accounts

In the 15 months from October 1986 to December 1987 360 birds of 95 species have been trapped and ringed. For 40 species only one individual has been ringed, whilst more than 30 individuals have been ringed of only two species, Fan-tailed Berrypecker *Melanocharis versteri* and Sooty Melidectes *Melidectes fuscus*. Only 15 species have been trapped at more than one site and no birds have been retrapped away from the site of original capture. Twenty-four individuals of 14 species have retrapped on subsequent visits to the same site.

A list of species caught and ringed, with some notes is presented below. The numbers after each species name refer to the following:

- Royal Australasian Ornithologists Union species number;
- Ring size used: where this differs from the ABBBS recommended size the latter number is shown in brackets;
- Number of birds ringed;
- Number of birds retrapped;
- Number of sites at which that species was trapped.

The names of the sites where the birds were caught are given. No analysis of the biometric data collected has been attempted if less than 10 birds of that species have been caught. Significance tests given are all from 2-sample t-tests.

Eastern Reef-Egret	<i>Egretta sacra</i>
191, 11 (10), 2, 0, 1. Maui Islet. Two flightless, but fully feathered, juveniles ringed. Size 11 ring put on tibia and overlapped.	
Black-mantled Goshawk	<i>Accipiter melanochlamys</i>
3068, 8, 1, 0, 1. Lake Omha.	
Comb-crested Jacana	<i>Irediparra gallinacea</i>
171, 8, 7, 0, 1. Moitaka SP.	
Eastern Golden Plover	<i>Pluvialis fulva</i>
137, 6, 2, 0, 1. Moitaka SP.	
Whimbrel	<i>Numenius phaeopus</i>
150, 7, 1, 0, 1. Motupore Island.	
Common Sandpiper	<i>Tringa hypoleucos</i>
157, 4, 8, 2, 2. Moitaka SP and Motupore Island. One bird was retrapped on Motupore Island six months after it had originally been caught and ringed there.	
Terek Sandpiper	<i>Tringaterek</i>
160, 5, 1, 0, 1. Moitaka SP.	
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>
163, 5, 6, 0, 1. Moitaka SP.	
Red-necked Stint	<i>Calidris ruficollis</i>
162, 3, 1, 0, 1. Moitaka SP.	
Black-billed Cuckoo-Dove	<i>Macropygia nigrirostris</i>
3202, 6, 1, 0, 1. Myola.	
Stephan's Ground-Dove	<i>Chalcophaps stephani</i>
3208 7, 1, 0, 1. Brown River.	
Peaceful Dove	<i>Geopelia striata</i>
30, 6, 2, 0, 1. UPNG.	
Bronze Ground-Dove	<i>Gallinula beccarii</i>
3211, 6, 1, 0, 1. Myola. One male.	
Mountain Owlet-Nightjar	<i>Aegotheles albertisi</i>
3301, 4, 1, 0, 1. Myola.	
Large-tailed Nightjar	<i>Caprimulgus macrurus</i>
332, 5, 3, 0, 1. Pacific Adventist College. All three birds were caught using a spotlight to dazzle them and a "butterfly" net. The birds showed a variable amount of white in the tail.	

Common Paradise-Kingfisher	<i>Tanysiptera galatea</i>
3334, 5, 9, 0, 1. Brown River. Nine birds trapped in a relatively small area of lowland rainforest and, as yet, not a single retrap.	
Brown-headed Paradise-Kingfisher	<i>Tanysiptera danae</i>
3339, 5, 1, 0, 1. Varirata NP.	
Hook-billed Kingfisher	<i>Melidora macrorrhina</i>
3322, 6, 1, 0, 1. Varirata NP.	
Sacred Kingfisher	<i>Halcyon sancta</i>
326, 5, 15, 3, 2. Motupore Island and UPNG. Six males and four females with a further four birds unsexed, possibly two of each sex. Birds were sexed on plumage colour when viewed by refractive light (Disney 1974). One bird retrapped on Motupore on 11/4/87 had originally been ringed there on 6/10/86. Seven birds, presumably migrants returning from their Australian breeding grounds, were caught on Motupore on 18/4/87. The mean weight of Sacred Kingfishers caught in April (n = 9, mean = 42.22 g) was significantly less than that of birds caught in other months (n = 9, mean = 46.73) (t = 4.742, p < 0.01). Two birds originally ringed in April weighed 40 g and 44 g. When retrapped in late May 1987 they weighed 43 g and 46 g respectively. We believe this is an indication of the weight loss during migration and the subsequent weight gain.	

	n	smallest	mean	largest	Rand & Gilliard
wing	14	85.0	92.6	96	90
exposed culmen	14	33.20	36.94	42.45	38
head & bill	14	61.0	67.64	72.0	-
tarsus	14	12.15	13.93	14.8	14

All measurements in mm.

Dwarf Kingfisher	<i>Ceyx lepidus</i>
3321, 2(3), 1, 0, 1. Brown River.	
Island Thrush	<i>Turdus poliocephalus</i>
3374, 5, 4, 0, 1. Myola. All caught in secondary growth at forest/garden edge.	
Blue Jewel-Babbler	<i>Ptilorhoa caerulescens</i>
3385, 4, 2, 2, 1. Brown River. Two females.	
Gray's Grasshopper-Warbler	<i>Locustella fasciolata</i>
821, 2, 1, 0, 1. Moitaka SP. A single bird trapped in reed beds between the settling ponds and Waigani Swamp, in October 1986 (Burrows & Hicks 1988).	
Clamorous Reed-Warbler	<i>Acrocephalus stentoreus</i>
524, 2, 2, 0, 2. Moitaka SP and Ilimo Farm.	
Tawny Grassbird	<i>Megalurus timoriensis</i>
523, 3, 1, 0, 1. Myola.	
Golden-headed Cisticola	<i>Cisticola exilis</i>
525, 1, 2, 0, 1. Moitaka SP.	
Emperor Fairy-Wren	<i>Malurus cyanocephalus</i>
3398, 2, 5, 2, 1. Brown River. A male and female caught together twice and one pair subsequently retrapped together. The fifth bird was female plumaged.	

Orange-crowned Fairy-Wren 3413, 1, 3, 0, 1. Myola.	<i>Chytomyias insignis</i>
Rusty Mouse-Warbler 3410, 2, 4, 1, 1. Varirata NP.	<i>Crateroscelis murina</i>
Bicolored Mouse-Warbler 3411, 2, 1, 0, 1. Varirata NP.	<i>Crateroscelis nigrorufa</i>
Mountain Mouse-Warbler 3412, 2, 5, 0, 2. Lake Omha and Myola.	<i>Crateroscelis robusta</i>
Large Scrub-Wren 3405, 2, 9, 1, 2. Lake Omha and Myola.	<i>Sericornis nouhuysi</i>
Buff-faced Scrub-Wren 3406, 1, 4, 0, 1. Myola.	<i>Sericornis perspicillatus</i>
Papuan Scrub-Wren 3408, 1, 5, 0, 2. Lake Omha and Myola.	<i>Sericornis papuensis</i>
New Guinea Thornbill 3414, 1, 3, 0, 1. Lake Omha.	<i>Acanthiza murina</i>
Yellow-bellied Gerygone 3416, 1, 1, 0, 1. Brown River.	<i>Gerygone chrysogaster</i>
Sooty Thicket-Fantail 3425, 2, 1, 1, 1. Brown River. An individual bearing an old and worn ring (no. 020 28601) was caught on 1/8/87. The old ring was replaced with a new one. This bird was re-trapped on 9/8/87. It was originally ringed by Mr L.W.C. Filewood on 24/8/75 and so is at least 11 years 11 months and 16 days old, the oldest record for this species. It was ringed at a site less than 5 km from where retrapped.	<i>Rhipidura threnothorax</i>
Black Thicket-Fantail 3426, 2, 1, 1, 1. Brown River.	<i>Rhipidura maculipectus</i>
White-bellied Thicket-Fantail 3427, 2, 1, 1, 1. Brown River. On 9/8/87 all three species of thicket-fantail were trapped at Brown River.	<i>Rhipidura leucothorax</i>
Rufous-backed Fantail 3429, 1, 2, 0, 1. Brown River.	<i>Rhipidura rufidorsa</i>
Dimorphic Fantail 3430, 1, 2, 0, 1. Myola.	<i>Rhipidura brachyrhyncha</i>
Black Fantail 3432, 1, 7, 2, 1. Myola. Four males and three females.	<i>Rhipidura atra</i>
Friendly Fantail 3434, 1, 1, 0, 1. Myola.	<i>Rhipidura albolimbata</i>
Willie Wagtail 364, 3, 8, 0, 2. Moitaka SP and UPNG.	<i>Rhipidura leucophrys</i>
Spot-winged Monarch 3443, 2, 4, 0, 2. Brown River and Veimauri.	<i>Monarcha guttula</i>
Golden Monarch 3446, 1, 1, 0, 1. Brown River. One male.	<i>Monarcha chrysomela</i>
Olive Flycatcher 3461, 1, 1, 0, 1. Brown River.	<i>Microeca flavirescens</i>
Canary Flycatcher 3462, 1, 3, 0, 1. Myola. All three birds caught at the same time.	<i>Microeca papuana</i>

White-faced Robin 397, 1, 3, 0, 1. Varirata NP.	<i>Tregellasia leucops</i>
Garnet Robin 3466, 1, 1, 0, 1. Myola. One male.	<i>Eugerygone rubra</i>
Ashy Robin 3477, 3, 14, 3, 1. Myola. Three birds originally ringed in September 1987 were retrapped in December 1987. There is a 10% difference in wing lengths of males and females (Rand & Gilliard 1967). This sexual dimorphism may be discernible in other measurements but the sample at present is too small so no averages are presented here.	<i>Poecilodryas albispecularis</i>
Black-sided Robin 3469, 2, 1, 2, 1. Brown River.	<i>Poecilodryas hypoleuca</i>
Greater Ground-Robin 3376, 5, 1, 0, 1. Lake Omha.	<i>Amalocichla sclateriana</i>
Lesser Ground-Robin 3377, 3, 1, 0, 1. Myola.	<i>Amalocichla incerta</i>
White-winged Robin 3473, 3, 6, 0, 1. Lake Omha.	<i>Peneothello sigillatus</i>
Blue-grey Robin 3475, 3, 1, 0, 1. Myola.	<i>Peneothello cyanus</i>
Mottled Whistler 3481, 2, 1, 0, 1. Myola. One male.	<i>Rhagologus leucostigma</i>
Regent Whistler 3484, 3(2), 8, 0, 2. Lake Omha and Myola. One male and seven females.	<i>Pachycephala schlegelii</i>
Rufous-naped Whistler 3494, 4, 5, 0, 1. Myola.	<i>Pachycephala rufinucha</i>
Little Shrike-Thrush 413, 4, 4, 0, 2. Brown River and Varirata NP.	<i>Colluricincla megarhyncha</i>
Grey Shrike-Thrush 408, 5, 2, 0, 1. Moitaka SP. A clutch of two nestlings ringed on 16/10/86, but unfortunately young and nestlings disappeared shortly after.	<i>Colluricincla harmonica</i>
Black Berrypecker 3512, 2, 7, 0, 2. Varirata NP and Brown River. Four males and three females.	<i>Melanocharis nigra</i>
Fan-tailed Berrypecker 3514, 1/2, 34, 2, 1. Myola. 11 males and 23 females. 23 caught between 25 - 27/9/87. The mean weight of females caught in December 1987 (n = 9, mean = 17.74 g, range = 12 - 18.6 g) was significantly greater than the mean weight of females caught in September 1987 (n = 14, mean = 14.73 g, range = 14.8 - 21.15 g) (t = 3.239, p < 0.01). Two females originally caught in September weighed 16.2 g and 18.6 g. When retrapped in December they weighed 18.0 g and 21.15 g respectively. We are unable to provide an explanation for this weight gain. Only one male was caught in December so no similar analysis could be undertaken.	<i>Melanocharis versteri</i>

		n	smallest	mean	largest	Rand & Gilliard
wing	male	11	62.5	65.60	70	61
	female	23	62.0	68.07	79	68
exposed culmen	male	11	11.0	12.16	14.0	15
	female	23	10.5	12.25	14.5	-
head & bill	male	11	29.0	30.66	32.2	-
	female	23	27.6	30.38	32.0	-
tarsus	male	11	23.4	25.24	27.1	23
	female	23	21.8	26.79	28.1	-

All measurements in mm.

Crested Berrypecker 3518, 3(4), 5, 0, 1. Lake Omha.	<i>Paramythia montium</i>
Yellow-bellied Sunbird 572, 1, 9, 1, 1. Motupore Island. Six males and three females.	<i>Nectarinia jugularis</i>
New Guinea White-Eye 3526, 1, 3, 0, 1. Myola.	<i>Zosterops novaeguineae</i>
Olive Straightbill 3529, 2(3), 3, 2, 1. Myola. Two birds ringed on 25/9/87 were retrapped together, with a third bird on 4/12/87.	<i>Timeliopsis fulvigula</i>
Tawny Straightbill 3528, 3/4(3), 2, 0, 1. Brown River.	<i>Timeliopsis griseigula</i>
Long-billed Honeyeater 3548, 4, 2, 0, 2. Varirata NP and Brown River.	<i>Melilestes megarhynchus</i>
Slaty-chinned Longbill 3547, 1, 1, 0, 1. Varirata NP.	<i>Toxorhamphus poliopterus</i>
Dwarf Honeyeater 3546, 2, 13, 0, 3. Varirata NP, Brown River and Veimauri. Our most widely trapped species. In all honeyeaters for which data are available (51 species in Rand & Gilliard 1967), the female is smaller than the male. No size difference is noted for Dwarf Honeyeater although it is for its congener, Pygmy Honeyeater <i>Oedistoma pygmaeum</i> . It is assumed that Dwarf Honeyeater will similarly exhibit sexual dimorphism but the present sample of 13 birds is too small to discern this. No means are presented here.	<i>Oedistoma iliolophus</i>
Scrub White-eared Meliphaga 3576, 3, 1, 0, 1. Brown River.	<i>Meliphaga albonotata</i>
Puff-backed Meliphaga 3569, 3, 2, 0, 1. Varirata NP.	<i>Meliphaga aruensis</i>
Mimic Meliphaga 3575, 3, 1, 0, 1. Veimauri.	<i>Meliphaga analoga</i>

Graceful Meliphaga 612, 3, 2, 0, 2. Motupore Island and Brown River.	<i>Meliphaga gracilis</i>
Yellow-gaped Meliphaga 3577, 3, 1, 0, 1. Brown River.	<i>Meliphaga flavirictus</i>
Black-throated Honeyeater 3654, 4(3), 1, 0, 1. Lake Omha.	<i>Lichenostomus subfrenatus</i>
Tawny-breasted Honeyeater 629, 5, 1, 0, 1. Brown River.	<i>Xanthotis flaviventris</i>
Helmeted Friarbird 642, 7, 1, 0, 1. UPNG.	<i>Philemon buceroides</i>
Rufous-backed Honeyeater 3581, 2(3), 14, 0, 1. Myola. Published data shows the female is approximately 10% smaller than the male (Rand & Gilliard 1967). The present sample is too small to discern any sexual dimorphism so no means are presented here.	<i>Ptiloprora guisei</i>
Sooty Melidectes 3552, 4, 36, 0, 1. Lake Omha. Two parameters in particular, wing length and head and bill length show a distinct bimodal distribution which probably relates to male and female birds. The data for these two parameters were split into large and small birds along the following lines:	<i>Melidectes fuscus</i>
Wing length: Small < 106 mm < Large	
Head and bill length: Small < 55 mm < Large.	
By splitting the data in this way most birds are either small-headed and short-winged or large-headed and long-winged. There were three exceptions which were large-headed but short-winged. These were omitted from the following calculations. The mean wing length of 16 large birds (mean = 112 mm; range = 108 - 115 mm) is significantly larger than that of 16 small birds (mean = 100.94 mm; range = 96 - 105 mm) ($t = 4.38, p < 0.01$). The mean head and bill length of 14 large birds (mean = 58.37 mm; range = 56.0 - 61.9 mm) is highly significantly larger than that of 15 small birds (mean = 52.75 mm; range = 50.3 - 54.9 mm) ($t = 7.78, p < 0.01$). Male Sooty Melidectes are larger than females (Rand and Gilliard 1967), therefore the birds with longer wings and larger head and bills are probably males and those with shorter wings and smaller heads and bills are probably females. It would seem possible, based on this set of data, that 90% of Sooty Melidectes could be sexed in the hand using the above guidelines.	
Belford's Melidectes 3557, 6, 6, 0, 1. Lake Omha.	<i>Melidectes belfordi</i>
Common Smoky Honeyeater 3550, 4(5), 1, 0, 1. Myola.	<i>Melipotus fumigatus</i>
Rufous-banded Honeyeater 600, 2, 2, 0, 2. UPNG.	<i>Conopophila albogularis</i>
Grey-headed Mannikin 3597, 1, 9, 0, 1. Moitaka SP.	<i>Lonchura caniceps</i>
Chestnut-breasted Mannikin 3602, 1(2), 1, 0, 1. UPNG.	<i>Lonchura castaneothorax</i>
Singing Starling 3607, 5, 1, 0, 1. UPNG.	<i>Aplonis cantoroides</i>

Mountain Drongo	<i>Chaetorhynchus papuensis</i>
3618, 3, 4, 0, 2. Varirata NP and Veimaui.	
Black-backed Butcherbird	<i>Cracticus mentalis</i>
3625, 6, 1, 0, 1. Motupore Island.	
White-eared Catbird	<i>Ailuroedus buccoides</i>
3629, 7(8), 2, 0, 2. Varirata NP and Brown River.	
Macgregor's Bowerbird	<i>Amblyornis macgregoriae</i>
3633, 6(7), 2, 0, 1. Myola. Two females.	
Crested Bird of Paradise	<i>Cnemophilus macgregorii</i>
3642, 5, 1, 0, 1. Lake Omha. One male.	
Macgregor's Bird of Paradise	<i>Macgregoria pulchra</i>
3643, 8, 1, 0, 1. Lake Omha.	
King Bird of Paradise	<i>Cicinnurus regius</i>
3668, 5, 1, 0, 1. Brown River. One female.	

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Acknowledgements

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LOWLAND BIRDS OF THE VANIMO REGION, WEST SEPIK PROVINCE

TONY PALLISER

Vanimo lies in the north west of Papua New Guinea in the West Sepik Province. It is primarily a region of virgin lowland rainforest that has a rich avifauna, but is also rarely visited by ornithologists.

Hans Beste and I visited this area for five days in October 1987. Observations were made between Wutung, close to the Irian Jaya border, and the logging areas 26 km east of Vanimo, with several mornings being spent on the road going inland towards Bewani.

The annotated list that follows is only intended as an indication of the area's birdlife. It is no doubt incomplete, as our observations were mostly from roadsides, and our stay was short.

Highlights included sightings of the rarely seen Northern Cassowary, Forest Bittern, Gurney's Eagle, and Broad-billed Fairy-Wren.

Annotated List

- | | |
|--|----------------------------------|
| Northern Cassowary | <i>Casuaris unappendiculatus</i> |
| 5 Oct, an adult male flushed from dense vegetation at alarmingly close range, 7 km from the coast along the Bewani rd. Droppings in this area were numerous, indicating that this species is more common than our single sighting suggests. | |
| Forest Bittern | <i>Zonerodius heliosylus</i> |
| 6 Oct, one flushed from a creek in selectively logged lowland forest 26 km east of Vanimo. Although only seen briefly the barring on the breast, underwing, and tail was clearly seen as it flew 100 m before landing out of sight. It was noted to be a large, heavily built bird with dangling yellow legs and feet. Further attempts at flushing it failed. | |
| Brahminy Kite | <i>Haliastur indus</i> |
| 5 Oct, two adults seen between Vanimo and Wutung. One juvenile along the Bewani rd at c. 200 m. | |
| Grey-headed Goshawk | <i>Accipiter poliocephalus</i> |
| 5 Oct, two along the Bewani rd, one perched in a coconut palm close to the coast, the other flying across the road at about 150 m. | |
| Gurney's Eagle | <i>Aquila gurneyi</i> |
| 5 Oct, one soaring near Musu, 10 km west of Vanimo. Watched for about five minutes as it soared just above the canopy. Noted to have very broad wings, a small head, a short rounded tail, wing tips heavily fingered and darker than the rest of the underwing. Wings held flat. | |
| Brown-collared Brush-Turkey | <i>Talegalla jobiensis</i> |
| Commonly heard throughout the region at dawn and dusk, or when raining. A shy bird difficult to observe well. | |
| Lesser Golden Plover | <i>Pluvialis dominica</i> |
| 5 - 6 Oct, odd birds seen along the beaches and at Wutung; 7 Oct, 350 on Vanimo airfield was the highest count, but abundant on the airfield throughout our stay. | |

Mongolian Plover	<i>Charadrius mongolus</i>
Commonly seen on the airstrip and beaches around Vanimo throughout our stay. We estimate up to 150 individuals being present.	
Large Sand-Plover	<i>Charadrius leschenaultii</i>
2 Oct, one adult bird in winter plumage seen on the Vanimo airstrip.	
Ruddy Turnstone	<i>Arenaria interpres</i>
2 Oct, ten on the Vanimo airstrip; 7 Oct, two or three in partial alternate plumage, on the beach at Vanimo.	
Whimbrel	<i>Numenius phaeopus</i>
Up to 70 on Vanimo airstrip at any time. Also common on the beaches.	
Wandering Tattler	<i>Tringa incana</i>
5 Oct, six along the rocky shoreline between Vanimo and Wutung. Other tattlers were seen but not specifically identified.	
Common Sandpiper	<i>Tringa hypoleucos</i>
Abundant throughout the area. Seen daily on the airstrip, beaches, gardens, rocky shoreline, rivers, roads, even on the roofs of houses.	
Terek Sandpiper	<i>Tringaterek</i>
6 Oct, three on the beach at Vanimo.	
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>
Common on the airstrip. I estimate over 50 to be present at any time.	
Brown Cuckoo-Dove	<i>Macropygia amboinensis</i>
5 Oct, two seen briefly near Musu, 10 km west of Vanimo.	
Great Cuckoo-Dove	<i>Reinwardtoena reinwardtii</i>
7 Oct, excellent views of one flying across the road, 7 km from the coast along the Bewani rd at about 200 m.	
Victoria Crowned Pigeon	<i>Goura victoria</i>
Although not seen by us, it is clearly a common resident away from human habitation. Many of the resident locals have seen and caught them even in recent times.	
Wompoo Fruit-Dove	<i>Ptilinopus magnificus</i>
Regularly seen in small numbers along the Bewani rd and in the logging area to the east of Vanimo.	
Pink-spotted Fruit-Dove	<i>Ptilinopus perlatus</i>
3 - 4 Oct, a party of about 20 in a large roadside fig tree, about 5 km from the coast along the Bewani rd.	
Superb Fruit-Dove	<i>Ptilinopus superbus</i>
4 Oct, an adult at a tiny stick nest, c. 3 m in a palm tree, 7 km from the coast, along the Bewani rd.	
Beautiful Fruit-Dove	<i>Ptilinopus pulchellus</i>
6 Oct, one in an area of selectively logged forest 25 km east of Vanimo, high in a fruiting tree.	
Orange-bellied Fruit-Dove	<i>Ptilinopus iozonus</i>
Commonly seen throughout the area, sometimes in large numbers in fruiting fig trees. 7 Oct, also seen in the township of Vanimo.	
Pinon Imperial Pigeon	<i>Ducula pinon</i>
5 Oct, one, 7 km from the coast, along the Bewani rd perched high in a dead tree.	
Zoe Imperial Pigeon	<i>Ducula zoeae</i>
4 Oct, ix along the Bewani rd, all in flight.	
Brown Lory	<i>Chalcopsitta duivenbodei</i>
2 Oct, a pair flying over Vanimo airstrip; 6 Oct, four in a flowering tree close to the coast on the Bewani rd.	

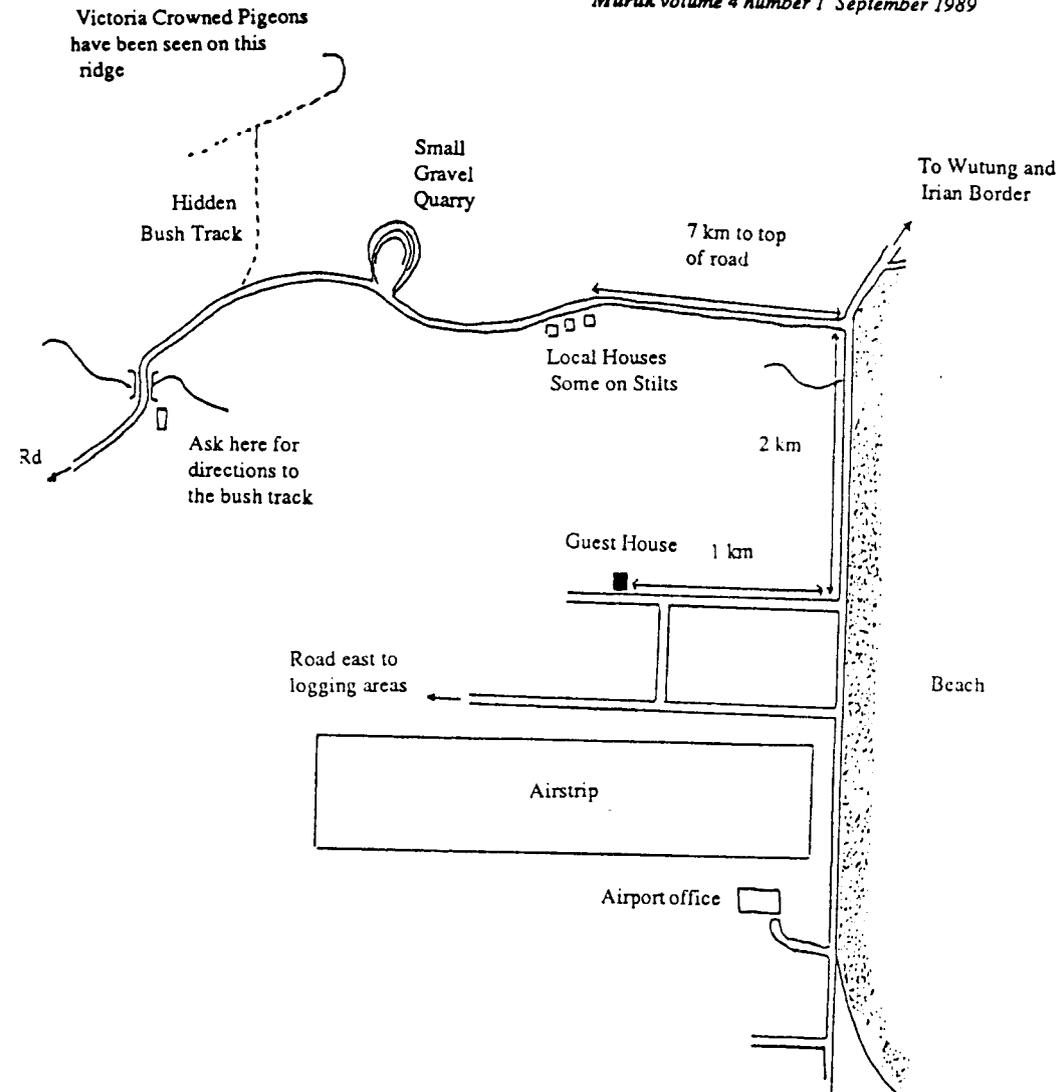
Rainbow Lorikeet	<i>Trichoglossus haematodus</i>
5 Oct, common in more open areas along the coast between Vanimo and Wutung. Seemed to favour coconut palms more than other species.	
Western Black-capped Lory	<i>Lorius lory</i>
7 Oct, only two, in a flowering tree 4 km from the coast along the Bewani rd.	
Palm Cockatoo	<i>Probosciger aterrimus</i>
6 Oct, three in the logging area 25 km east of Vanimo. 7 Oct, one flying across the Bewani rd, c. 6 km from the coast.	
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>
5 Oct, three near Musu flying over the canopy; 6 Oct, 6 at c. 200 m on the Bewani rd and commonly seen throughout the logging areas east of Vanimo.	
Double-eyed Fig-Parrot	<i>Cyclopsitta diophthalma</i>
3 Oct, one seen by Hans Beste near the coast, along the Bewani rd.	
Edwards' Fig-Parrot	<i>Psittaculirostris edwardsii</i>
3 - 6 Oct, regularly seen in small numbers feeding high in the canopy at c. 200 m, 7 km from the coast along the Bewani rd. This species seemed more willing to show itself than other fig-parrots.	
Red-cheeked Parrot	<i>Geoffroyus geoffroyi</i>
Commonly seen throughout the area, although it did seem particularly abundant in the logging areas east of Vanimo.	
Eclectus Parrot	<i>Eclectus rostratus</i>
Seen daily, in small numbers, throughout the area. Males were seen more frequently than females.	
Papuan King-Parrot	<i>Alisterus chloropterus</i>
3 Oct, two flying below the canopy along the Bewani rd at c. 150 m, 5 km from the coast.	
Channel-billed Cuckoo	<i>Scythrops novaehollandiae</i>
7 Oct, one on the coast near Vanimo perched in a dead tree.	
Greater Black Coucal	<i>Centropus menbeki</i>
7 Oct, two in roadside grasses, next to dense forest, after heavy overnight rain, 2 km from Vanimo and near Wutung.	
Lesser Black Coucal	<i>Centropus bernsteini</i>
6 - 7 Oct, five, all in roadside vegetation, four along the Bewani rd and one near Musu. As with other coucals they seem to like exposing themselves to dry after heavy rains.	
Moustached Tree-Swift	<i>Hemiprocne mystacea</i>
Seen daily in small numbers, regularly perched on exposed dead branches.	
Uniform Swiftlet	<i>Collocalia vanikorensis</i>
Common throughout the region especially near water and open grasslands.	
Hook-billed Kingfisher	<i>Melidora macrorrhina</i>
Heard daily at dawn and dusk in the township of Vanimo, although frustratingly it was never seen.	
Rufous-bellied Kookaburra	<i>Dacelo gaudichaud</i>
Common throughout the area, seen daily in small numbers, heard everywhere.	
Sacred Kingfisher	<i>Halcyon sancta</i>
7 Oct, a few birds seen close to coconut groves, near the coast west of Vanimo.	
Yellow-billed Kingfisher	<i>Halcyon torotoro</i>
7 Oct, at least two heard along the Bewani rd, close to the coast.	
Blyth's Hornbill	<i>Rhyticeros plicatus</i>
Common throughout the area. 5 - 7 Oct, seven in large fruiting trees along the Bewani rd; 5 Oct, common at Wutung; 6 Oct, common in the logging areas east of Vanimo. Noisy and conspicuous.	
Hooded Pitta	<i>Pitta sordida</i>
7 Oct, several heard calling from the forest interior, at dawn, along the Bewani rd.	

- Pacific Swallow *Hirundo tahitica*
3 - 7 Oct, common at Vanimo airstrip and over water.
- Grey Wagtail *Motacilla cinerea*
6 - 7 Oct, two in winter plumage; one 14 km inland on the Bewani rd and one seen briefly feeding on the roadside in the logging area 25 km east of Vanimo. [There are very few lowland records of this species in PNG, ed].
- Boyer's Cuckoo-Shrike *Coracina boyeri*
6 Oct, one pair seen high in the canopy of a fig tree, 4 km along the Bewani rd.
- Black-browed Triller *Lalage atrovirens*
5 & 7 Oct, two males feeding on berries between 4 - 5 km from the coast along the Bewani rd.
- Blue Jewel-Babbler *Ptilorrhoa caerulescens*
3 Oct, one seen by Hans Beste, close to the coast along the Bewani rd.
- Rufous Babbler *Pomatostomus isidorei*
7 Oct, a party of five birds seen foraging low down in forest, 7 km from the coast along the Bewani rd.
- Broad-billed Fairy-Wren *Malurus gravi*
7 Oct, one pair in dense rainforest foraging low down between ferns and vines, 7 km from the coast on the Bewani rd. Shy and difficult to observe at close range.
- Rusty Mouse-Warbler *Crateroscelis murina*
3 - 7 Oct, several heard in roadside vegetation along the Bewani rd.
- Sooty Thicket-Fantail *Rhipidura threnothorax*
7 Oct, one pair seen on a heavily forested ridge along the Bewani rd, c. 8 km from the coast. They responded well to imitations of their call and seemed to prefer dark dense vegetation of the forest interior.
- White-bellied Thicket-Fantail *Rhipidura leucothorax*
Two seen and many heard at a number of locations between Wutung and Vanimo. Noted to be restricted to dense roadside vegetation, venturing into the forest interior only along creek beds. Often difficult to observe well.
- Chestnut-bellied Fantail *Rhipidura hyperthra*
5 Oct, two feeding high in the roadside canopy, near Musu, 10 km west of Vanimo.
- Rufous Monarch *Monarcha rubiensis*
7 Oct, one distant, unconfirmed sighting of a bird considered to be this species, c. 4 km from the coast along the Bewani rd.
- Golden Monarch *Monarcha chrysomela*
6 Oct, one adult male feeding high in a flowering tree, close to the coast along the Bewani rd.
- Frilled Monarch *Arses telescopthalmus*
6 - 7 Oct, common throughout the area, with many sightings from Wutung in the west to the logging areas east of Vanimo.
- Shining Flycatcher *Myiagra alecto*
6 Oct, only one male seen, feeding on insects in roadside vegetation, 2 km west of Vanimo.
- Yellow-breasted Boatbill *Machaerirhynchus flaviventer*
6 - 7 Oct, two pairs seen feeding on insects in the upper mid-stage of the canopy, along the Bewani rd, 3 km from the coast.
- Black-sided Robin *Poecilodryas hypoleuca*
7 Oct, commonly heard, although only one seen, 5 km from the coast along the Bewani rd. Preferred dense vegetation near water. Often difficult to observe well. Responds well to whistled imitations of its call.

- Northern Scrub-Robin *Drymodes superciliaris*
7 Oct, one lured in by imitations of its call, high on a forested ridge, c. 9 km from the coast along the Bewani rd.
- Grey Whistler *Pachycephala simplex*
5 Oct, two along the forested road between Musu and Wutung.
- Variable Pitohui *Pitohui kirhocephalus*
5 Oct, five along the coast road between Vanimo and Wutung.
- Rusty Pitohui *Pitohui ferrugineus*
3 - 7 Oct, parties of these birds were common high in the canopy along the Bewani rd. Very wary and difficult to observe well. Call was loud, strong and musical with up to six calling at once.
- Crested Pitohui *Pitohui cristatus*
6 Oct, one heard giving its diagnostic continuous series of calls, high on a ridge, c. 8 km from the coast along the Bewani rd.
- Black Berrypecker *Melanocharis nigra*
5 Oct, near Musu; 6 Oct, in the logging area east of Vanimo.
- Papuan Flowerpecker *Dicaeum pectorale*
3 - 7 Oct, common throughout the area. Most often observed in the canopy, although one was seen collecting nesting material close to the ground near Vanimo.
- Black Sunbird *Nectarinia sericea*
5 Oct, one male at Wutung attending a small flowering tree.
- Yellow-bellied Longbill *Toxorhamphus novaeguineae*
4 Oct, one on the roadside c. 4 km from the coast on the Bewani rd.
- Dwarf Honeyeater *Oedistoma iliophus*
Four feeding on flowers attached low down on tree trunks of the forest interior, 4 - 5 km from the coast on the Bewani rd. Often seen hovering.
- Puff-backed Meliphaga *Meliphaga aruensis*
6 Oct, only one confidently identified as this species, 4 km inland along the Bewani rd. Identification was based on the size and shape of the ear patch and the rictal streak. The ear patch being puffed out, rectangular and bright lemon-yellow. The rictal streak extended continuously from the bill to the ear patch and was also lemon-yellow.
- Yellow-gaped Meliphaga *Meliphaga flavirictus*
6 Oct, four along the lower parts of the Bewani rd were considered to be this species. Fed in the mid-stage of the canopy on flowering trees. Identification, again, was based on the size and shape of the ear patch and rictal streak. The ear patch was small, rounded and dull yellow. The rictal streak was prominent, bright orange-yellow, quite broad and extended to just beyond and below the eye.
- Meyer's Friarbird *Philemon meyeri*
6 Oct, one pair located in fairly open habitat c. 2 km west of Vanimo.
- Helmeted Friarbird *Philemon buceroides*
3 - 7 Oct, common throughout the coastal areas surrounding Vanimo.
- Streak-headed Mannikin *Lonchura tristissima*
5 Oct, two seen on the roadside c. 7 km from the coast along the Bewani rd; 6 Oct, three pairs seen about to roost in tall roadside grasses c. 20 km east of Vanimo.
- Singing Starling *Aplonis cantoroides*
Regularly encountered around Vanimo and in the adjacent coconut plantations. Sightings mainly involved pairs.
- Golden Myna *Mino anais*
5 Oct, only one pair seen, 3 km from the coast along the Bewani rd.

- Yellow-faced Myna** *Mino dumontii*
5 -6 Oct, four to six along the Bewani rd 3- 5 km from the coast.
- Brown Oriole** *Oriolus szalayi*
6 Oct, one singing high on an exposed branch 4 km from the coast along the Bewani rd.
- White-breasted Wood-Swallow** *Artamus leucorhynchus*
Regularly seen, solitarily or in pairs, in disturbed habitats, including Vanimo township, the airstrip, coconut plantations and the logging areas c. 20 km east of Vanimo.
- Hooded Butcherbird** *Cracticus cassicus*
5 - 6 Oct, two pairs seen and more heard along the Bewani rd between 2 - 6 km from the coast.
- White-eared Catbird** *Ailuroedus buccoides*
6 Oct, two high on a ridge along the Bewani rd, c. 7 km from the coast. A shy species, difficult to observe well, keeping high in the canopy.
- Jobi Manucode** *Manucodia jobiensis*
6 Oct, three located, all in fairly open areas between 2 - 6 km west of Vanimo. Identification was based on small size, short bill and somewhat duller plumage than Crinkle-collared Manucode *Manucodia chalybata* to which it seemed most similar.
- Magnificent Riflebird** *Ptiloris magnificus*
6 Oct, one female c. 4 km from the coast along the Bewani rd.
- Twelve-wired Bird of Paradise** *Seleucidis melanoleuca*
Two males seen; 5 Oct, one by Hans Beste near Musu, west of Vanimo; 6 Oct, one near the logging areas c. 25 km east of Vanimo. Both were flying across the road at canopy level.
- Pale-billed Sicklebill** *Epimachus bruijnii*
Unfortunately, we did not locate this species during our stay. Efforts were concentrated in lowland forests below 200 m, between Wutung and the logging areas east of Vanimo. Pictures were regularly shown to the locals without success. Perhaps we should have been looking further inland or at higher altitude.
- King Bird of Paradise** *Cicinnurus regius*
6 Oct, one female was seen, c. 5 km from the coast along the Bewani rd, although many males were heard.
- Lesser Bird of Paradise** *Paradisaea minor*
5 Oct, one female located near Wutung; 6 Oct, Common only around the logging areas east of Vanimo; 7 Oct, One male and two females seen between 4 - 7 km from the coast along the Bewani rd.
- Grey Crow** *Corvus tristis*
5 Oct, two flying across the road near Musu, west of Vanimo.
- Torresian Crow** *Corvus orru*
7 Oct, two flying over Vanimo airstrip.

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NOTES ON THE BIRDS OF DOROBISORO, CENTRAL PROVINCE

CHRISTOPHER EASTWOOD

Dorobisoro (c. 9° 30' S, 147° 55' E) is a small village/mission station at c. 500 m, some 30 minutes flying time east of Port Moresby, aboard a scheduled Douglas Airways flight. I visited the area from 11 to 13 June 1988 in the company of the Port Moresby Bushwalkers.

The village lies at the bottom of a valley on the banks of a tributary of the Mimani River, in the foothills of the Owen Stanley Mountains. It is one of numerous villages in the area, with a comprehensive network of paths. Although the surrounding hills appear well forested, there has been considerable cultivation with the rain forest being replaced by secondary growth in the immediate vicinity of all the villages. Good, undisturbed rain forest tended to be higher up the hill slopes away from areas of settlement. Even here there was often still some evidence of human encroachment. Access to these areas was not easy given the hilly terrain.

Bird watching was largely exploratory and was confined to the mornings due to the unseasonal, torrential rains that fell every afternoon.

Generally, bird activity was scarce and was mostly confined to the occasional bird parties that were moving through the better forested areas above the villages. The villagers still hunt cassowary, although they must go on a three day trek if they are to be successful. brush-turkeys (presumably Black-billed) are also hunted and were noteworthy by their absence, being neither heard nor seen during the entire weekend.

Annotated List

Little Black Cormorant	<i>Phalacrocorax sulcirostris</i>
Two flying down the river.	
Long-tailed Buzzard	<i>Hemicopernis longicauda</i>
One seen from the village, gliding along the edge of the hills, settling occasionally.	
Brahminy Kite	<i>Haliastur indus</i>
Several seen from the village, flying about the tops of the hills.	
Little Eagle	<i>Hieraaetus morphnoides</i>
One with the Brahminy Kites.	
Brown Cuckoo-Dove	<i>Macropygia amboinensis</i>
One on the first day.	
Wompoo Fruit-Dove	<i>Ptilinopus magnificus</i>
Surprisingly, only one seen and none heard calling.	
Rainbow Lorikeet	<i>Trichoglossus haematodus</i>
A small flock flying between hills shortly before dusk.	
?Goldie's Lorikeet	<i>Trichoglossus goldiei</i>
Smaller birds flying with Rainbow Lorikeets were tentatively identified as this species.	

Chestnut-breasted Cuckoo	<i>Cacomantis castaneiventris</i>
A juvenile on the edge of disturbed forest.	
Shining Bronze-Cuckoo	<i>Chrysococcyx lucidus</i>
One on the edge of disturbed forest c. 800 m above the valley.	
White-eared Bronze-Cuckoo	<i>Chrysococcyx meyerii</i>
Two in scrub along forest edge.	
Moustached Tree-Swift	<i>Hemiprocne mystacea</i>
One or two amongst Uniform Swiftlets which flocked in the valley during the rain. Single birds also seen on the edge of cleared areas in the valley floor.	
Uniform Swiftlet	<i>Collocalia vanikorensis</i>
Large flocks came into the valley with the rains.	
Glossy Swiftlet	<i>Collocalia esculenta</i>
Occasional birds in clearings near forest and flying above the canopy on forested slopes.	
Azure Kingfisher	<i>Alcedo azurea</i>
One, or possibly a pair, on the river upstream from Dorobisoro.	
Stout-billed Cuckoo-Shrike	<i>Coracina caeruleogrisea</i>
A pair feeding in undisturbed forest accompanied by Rusty Pitohuis.	
?Chestnut-backed Jewel-babbler	<i>Ptilorrhoa castanonotus</i>
A jewel-babbler, presumably this species, flushed from the side of a track, c. 900 m above valley.	
White-shouldered Fairy-Wren	<i>Malurus alboscapulatus</i>
In grassland, above cleared area of forest.	
?Sooty Thicket-Fantail	<i>Rhipidura threnothorax</i>
Presumably this species, as no white was seen on the bird, flushed from a thicket by the river.	
Torrent Flycatcher	<i>Monachella muelleriana</i>
Common on the river away from the main villages. Parties of four and five birds seen.	
Little Shrike-Thrush	<i>Colluricincla megarrhyncha</i>
One seen on the first morning.	
Hooded Pitohui	<i>Pitohui dichrous</i>
Small flock moving through forest in valley bottom.	
Rusty Pitohui	<i>Pitohui ferrugineus</i>
Small flock feeding in forest above valley.	
Black Berrypecker	<i>Melanocharis nigra</i>
Only one, in undisturbed forest above valley.	
Slaty-chinned Longbill	<i>Toxorhamphus poliopterus</i>
Two, on different days. One along river and one c. 500 m above valley.	
Dwarf Honeyeater	<i>Oedistoma iliolophus</i>
Several at a flowering tree.	
Papuan Black Myzomela	<i>Myzomelanigrita</i>
Several feeding with Dwarf Honeyeaters.	
?Scrub White-eared Meliphaga	<i>Meliphaga albonotata</i>
A meliphaga with a white ear patch was seen in scrub alongside the river and presumed to be this species.	
Tawny-breasted Honeyeater	<i>Xanthotis flaviventer</i>
One on the second day.	
Helmeted Friarbird	<i>Philemon buceroides</i>
Single birds were seen on all days.	

- Torrent-Lark** *Grallina bruijni*
One on the river in the same area as Torrent Flycatchers. At one time the lark and a flycatcher were perched on the same rock.
- Hooded Butcherbird** *Cracticus cassicus*
A family of four or five birds lived on the forested slope above Dorobisoro.
- Crinkle-collared Manucode** *Manucodia chalybata*
One or two birds on the edge of disturbed forest.
- Raggiana Bird of Paradise** *Paradisaea raggiana*
Seemingly the only common bird in the area. At times abundant.

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EXTENSION OF THE KNOWN RANGE OF SPLENDID ASTRAPIA ASTRAPIA SPLENDISSIMA

LEN TOLHURST

On 25 and 26 March 1989 a female Splendid *Astrapia Astrapia splendissima* was seen near the bailey bridge, above Ambua Lodge, Tari Gap, Southern Highlands Province. It flew away from me, at a distance of about 25 m when first seen. The tail-feathers were bi-coloured, white near the base and brown towards the end. The line of demarcation between the two colours was about half-way down the length of the tail. The white on the base of the tail covered the full width of the tail feathers, hence ruling out confusion with female Ribbon-tailed *Astrapia A. mayeri*. A male Ribbon-tailed *Astrapia* was seen in the same area.

These sightings were at c. 3600 m, only a little above Splendid *Astrapias*' upper altitudinal limit (Beehler *et al.* 1986). However, the Tari Gap is c. 150 km east of the Victor Emmanuel ange, the known eastern limit of this species. It is no doubt still true that the "Eastern limit of range unknown". However, these sightings do extend the known range to at least the Tari Gap area. Visitors to Ambua Lodge and the Tari Gap should carefully check all *astrapias*.

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BIRD NOTES FROM WALLAI ISLAND

RICHARD GREGORY-SMITH AND JUDYTH GREGORY-SMITH

Wallai Island, waterless and uninhabited, is situated about 6 km south of Kupiano in the Central Province of Papua New Guinea. We visited the island on 17 - 18 December 1988. The crossing from Kupiano takes one or two hours by outboard canoe, depending on wind and tide, and should not be attempted unless the sea is reasonably calm.

The island is a typical coral cay, c. 600 m in diameter with maritime forest in the centre, fringed with white coral sand and encircled by a reef with few passages.

Wallai Island is the site of a colony of Black Noddies *Anous minutus*. Up to a thousand were sighted at a time. They roosted in the forest but there was no current evidence of nesting. The noddies were accompanied on their fishing expeditions by Brown Boobies *Sula leucogaster* and Brown Noddies *Anous stolidus*.

At least one Beach Kingfisher *Halcyon saurophaga* inhabits the island. It was seen perched on dead branches from which it occasionally flew down to settle on the beach, where Hermit Crabs were the only food source in evidence. The kingfisher is a large strikingly white bird with green back and blue wings and tail. Its call is loud, instantly recognisable as a kingfisher, but reedy rather than full throated. Beehler *et al.* (1986) state that the sole record for the south coast of PNG is from Kupiano.

The island is frequented by Pied Imperial Pigeons *Ducula bicolor*. Six were seen coming into roost in the higher trees. There were also about 20 Varied Honeyeaters *Lichenostomus versicolor*, easily located by their melodious song. The race here has brown wings and back, touched with olive, and a black facial mask.

Species List: Lesser Frigatebird 5, Brown Booby 10, Eastern Reef-Egret (grey phase) 1, Ruddy Turnstone 1, Grey-tailed Tattler 1, Common Sandpiper 2, Black Noddy 1000, Brown Noddy 20, Crested Tern 1, Pied Imperial Pigeon 6, Beach Kingfisher 1, Varied Honeyeater 20.

Beehler, B.M., T.K. Pratt & D.A. Zimmerman. 1986. *Birds of New Guinea*. Princeton University Press.

Address: 13 Astelia Place, Rivett, Canberra, ACT 2611, Australia.

A VISIT TO THE SOUTHERN HIGHLANDS

JOHN F. SILCOCK

On Wednesday 26 October 1988, I paid a brief visit to Tari, staying overnight at Ambua Lodge. The habitat thereabouts has recently been very well described by Roger and Jenny Hicks (Hicks & Hicks 1988), so I will not do so here. Highlights were a delightful Garnet Robin in the forest near the waterfall and a beautifully plumed King of Saxony Bird of Paradise at its display tree, on the road up to Tari Gap. Unfortunately my walk down from the gap was marred by pouring rain which made me cast doubts on what might well have been the most significant sighting. This was a bird of paradise that looked suspiciously like a Carola's Parotia - what else has a white flank patch? - but this was at around 2500 m and both my spectacles and binoculars were covered with rain so I cannot be sure. Have there been any reports of this species being seen this high?

Next morning, after a pre-breakfast walk around the lodge, it was back to the airfield. Following a quick hop to Mendi, I was whisked by helicopter to Poroma, some 30 km to the south, where Gulf Oil have their base camp for their Iagifu/Hedinia oil exploration. Poroma at, 1400 m, is in a "U" shaped valley and fairly heavily populated. The combination of local gardens and a continuous stream of noisy helicopters restricted the number of birds that were to be seen. The most interesting sighting was a Fork-tailed Swift. Nonetheless, since it is probably an area that has not been reported upon before in Muruk, a full list is shown below.

Species definitely identified during the two visits were:

Tari (Ambua Lodge and above):

Black-billed Cuckoo-Dove, Papuan Mountain Pigeon, Yellow-billed Lorikeet, Papuan Lorikeet, Dusky Lory, Goldie's Lorikeet, Mountain Swiftlet, Glossy Swiftlet, Hooded Cuckoo-Shrike, Black-bellied Cuckoo-Shrike, Long-tailed Shrike, Pied Chat, Island Thrush, Island Leaf-Warbler, Tawny Grassbird, Black Fantail, Dimorphic Fantail, Friendly Fantail, Canary Flycatcher, Garnet Robin, White-winged Robin, Mid-mountain Berrypecker, Crested Berrypecker, Red-collared Myzomela, Yellow-browed Melidectes, Belford's Melidectes (and probably some hybrids of the last two), Grey-streaked Honeyeater, Common Smoky Honeyeater, Great Wood-Swallow, Mountain Peltops, Loria's Bird of Paradise, Brown Sicklebill (h), Ribbon-tailed Astrapia, Stephanie's Astrapia, Lawes Parotia, King of Saxony Bird of Paradise.

Poroma:

Black Kite, Fork-tailed Swift, Mountain Swiftlet, Glossy Swiftlet, Pacific Swallow, Richard's Pipit, Long-tailed Shrike, Pied Chat, White-shouldered Fairy-Wren, Willie Wagtail, Black-headed Whistler, Tawny-breasted Honeyeater, Hooded Mannikin and Great Wood-Swallow.

In addition, I saw a Long-tailed Buzzard over the rain forest at the Hedinia-3 well site.

Hicks, R.K. & Hicks, J.H. (1988). A weekend in Tari. Muruk 3: 20-23.

Address: Ridgefoot, Pilgrim's Way, Reigate, Surrey, RH2 9LG, U.K.

HOUSE SPARROWS *PASSER DOMESTICUS* ON YULE ISLAND, CENTRAL PROVINCE

RICHARD GREGORY-SMITH AND JUDYTH GREGORY-SMITH

One is rarely not pleased at an unusual sighting, but this was the case on Yule Island on 2 October 1988. Although we had bird watched on the island a number of times over the previous two years this was our first sighting of House Sparrow *Passer domesticus*.

Near the Girls' High School two sparrows flew from the buildings into a mango tree and were clearly observed to be a male and female. Subsequently, 10 were seen on 24 December 1988 and it seems they may be breeding.

We had previously seen only one House Sparrow in Papua New Guinea, a female outside the Galley Restaurant in Port Moresby (in Hicks 1988) and there had only been two records prior to this (Ashford 1978, Hicks 1986).

Ashford, R.W. 1978. First record of House Sparrow for Papua New Guinea. *Emu* 78:36.

Hicks, R.K. 1986. Female House Sparrow on Paga Hill, Port Moresby. A second record for PNG. *Muruk* 1(3):20 - 21.

Hicks, R.K. 1988. recent Observations: January - March 1987. *Muruk* 3(1):26 - 30.
Address: 13 Astelia Place, Rivett, Canberra, ACT 2611, Australia.

WILSON'S STORM PETREL *OCEANITES OCEANICUS* IN THE GULF OF PAPUA

JERRY WARNE

On 25 July 1988, whilst sailing across the Gulf of Papua, c. 32 km ESE of the Fly River, Western Province, I watched a Wilson's Storm Petrel *Oceanites oceanicus* about 15 - 20 m off the stern of the boat. The bird was on view for about 15 minutes during which time I noted the relatively short and rounded winged appearance, with pale upperwing covert patch; square white rump, with extension round towards the undertail coverts; dark underwing and long trailing legs. The latter feature was also obvious as the bird banked to reveal feet protruding noticeably beyond the tail tip. Yellow foot webs were not seen. The weather over the previous few days had been force 6 - 7 SE winds.

This sighting constitutes the second record for New Guinea (Beehler *et al.* 1986).

Beehler, B.M., T.K. Pratt, & D.A. Zimmerman. 1986. *Birds of New Guinea*. Princeton University Press.

BROWN-BACKED HONEYEATER *RAMSAYORNIS* *MODESTUS* NEAR MADANG

JOAN OLIVER¹ AND HELEN FORTUNE HOPKINS²

According to Beehler *et al.* (1986), the Brown-backed Honeyeater *Ramsayornis modestus* is patchily distributed in the southern watershed of New Guinea and "absent in the north between Mamberamo R. (NW) and Raba Raba (near SE tip)". However, it is also to be found near the town of Madang, on the northern coast, almost 800 km from Raba Raba and c. 1100 km from the mouth of the Mamberamo River.

The following observations are all from the mangroves alongside the road leading to the Jais Aben Resort (5° 08' S 145° 48' E) from the main road, c. 12 km north of Madang.

4th - 7th April 1988. Two in mangroves near Riwo village where road divides (JO).

29th June 1988. One was caught shortly after dawn in a mist net set to catch bats, by a narrow band of mangroves c. 1 km from Jais Aben Resort (HFH).

10th July 1988. One perched on power/telephone lines, then flew into mangroves, c. 1 km from Jais Aben Resort (R. Hicks pers. comm.).

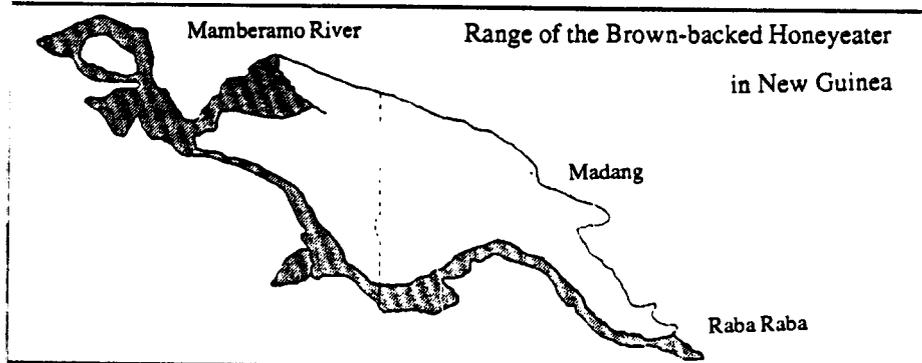
26th March 1989. One in mangroves c. 1 km from Jais Aben Resort (HFH).

Madang lies roughly equidistant from the previous known distribution limits of the Brown-backed Honeyeater, so they may well occur all along the north coast of New Guinea where there is suitable habitat.

Beehler, B.M., T.K. Pratt & D.A. Zimmerman. 1986. *Birds of New Guinea*. Princeton University Press.

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RECENT OBSERVATIONS JULY - SEPTEMBER 1988

COMPILED BY CHRISTOPHER EASTWOOD

All observations refer to the Port Moresby area unless the site name is followed by an abbreviated province name.

Contributors: Ian Burrows (IB); Chris Eastwood (CE); Field Guides Inc. (FGI); Brian Finch (BWF); Richard Gregory-Smith (RGS); Roger Hicks (RH); Tony Pym (TP); Geoff Smith (GS); Len Tolhurst (LT); Niklas Wahlberg (NW).

Abbreviations: ad = adult; Cen = Central Province; EHP = Eastern Highlands Province; Gul = Gulf Province; I = Island; imm = immature; L = Lake; Mor = Morobe Province; NP = National Park; Oro = Northern Province; PAC = Pacific Adventist College; R = River; Rd = Road; SHP = Southern Highlands Province; SP = settling ponds; UPNG = University of PNG campus; Wes = Western Province; WNB = West New Britain Province.

Dwarf Cassowary

2 Jul, 1 sub-ad (NW); 9 Jul, 1 sub-ad (CE); 23 Jul, 1 ad (IB). All Gare's Lookout trail, Varirata NP.

Southern Cassowary

17 Jul, 1 male with chick, 1 female & 1 sub-ad, Turama R, Gul (IB).

Streaked Shearwater

4 Aug, 1, Kankas (RGS).

Great Frigatebird

24 Jul, at least 4 males seen flying over Lea Lea with *F. ariel* (RH); 26 Jul, 1 second stage imm female, over forest at c. 50 m, c. 7 km NE of Kiunga, Wes (FGI); 30 Jul, 1 in same plumage, but a different individual, as showing more white on belly at about 1000 m, nr Tabubil, Wes (FGI). The appearance of this and the Kiunga bird was coincident with a widespread pattern of showers and occasionally heavier rains brought in by consistent SE winds originating over the ocean south of PNG (FGI); 11 Sep, 1 female, Motupore I (IB); 25 Sep, 1, Kupiano, Cen (RGS).

Lesser Frigatebird

24 Jul, a flock of 85, mostly this species, flying SE over Lea Lea (RH); 24 Jul, 18, Motupore I (IB).

Brown Booby

7 Jul, 1 ad, off Matirogo Point, Port Moresby (RH).

Australian Pelican

24 Jul, 8, L Iaraguma (RH, NW).

Great-billed Heron

8 Sep, 1, Moitaka SP (RGS).

Cattle Egret

14 Jul, 2, Moitaka SP (RH); 7 Aug, c. 30, Kanosia (RH, IB).

White-faced Heron

16 Jul, 2, Kikori, Gul (IB).

Eastern Reef-Egret

2 Jul, 2, PAC (LT).

Casuaris bennetti

Casuaris casuaris

Calonectris leucomelas

Fregata minor

Fregata ariel

Sula leucogaster

Pelecanus conspicillatus

Ardea sumatrana

Egretta ibis

Egretta novaehollandiae

Egretta sacra

- Striated Heron *Ardeola striata*
10 Jul, 1, Motupore I; 16 Jul, 1, & 17 Jul, 2, Turama R, Gul; 11 Sep, 1, Loloata (all IB).
- Black Bittern *Ixobrychus flavicollis*
30 Jul, 1, & 7 Aug, 3, Oxbow (RH); 25 Aug & 8 Sep, 1, Moitaka SP (RGS).
- Sacred Ibis *Threskiornis aethiopicus*
24 Jul, 1, L Iaraguma (RH).
- Osprey *Pandion haliaetus*
7 & 14 Jul, (RH) & 25 Aug, (RGS) 1, Moitaka SP.
- Long-tailed Buzzard *Henicopernis longicauda*
31 Jul, 1, Goldie R (RGS); 7 Aug, 2, Veimauri (IB); 20 Aug, 1, Goldie R (IB); 25 Sep, a pair soaring, then one flew down and landed close to observers nr Gain School, Boana Rd, Mor (GS).
- Black-winged Kite *Elanus caeruleus*
Seen several times during this period in the Markham Valley, Mor, where one or two birds have been seen hovering. They are also reasonably common close to Lae, Mor, and have recently been seen on the Unitech Campus (GS).
- Black Kite *Milvus migrans*
8 Jul, at least 36, Nadzab airport, Mor (RH); 16 Jul, 2, east of Port Moresby (FGI); 23 Jul, 1, Ilimo Farm (RH); 25 Sep 1, Kwikila (RGS).
- White-bellied Sea-Eagle *Haliaeetus leucogaster*
14 Jul, (RH); 21 Jul, 25 Aug, & 15 Sep, (RGS) 1, Moitaka SP.
- Spotted Marsh Harrier *Circus spilonotus*
7 Aug, 2, Kanosia (IB); 12 Aug, Markham Valley, Mor (GS).
- Swamp Harrier *Circus approximans*
8 Sep, 1, Moitaka SP (RGS).
- Brown Goshawk *Accipiter fasciatus*
7 Aug, 1, Veimauri (IB).
- Grey Goshawk *Accipiter novaehollandiae*
11 Jul, 1 grey male & 1 white female displaying, Varirata NP (IB); 27 Aug, 1 grey pair, King Bird Tree (IB); 4 Sep, 1 grey pair, Goldie R (IB); 9 Sep, 1 white phase, Goldie R (IB); 11 Sep, 1 white phase, Magi Highway (RGS).
- Black-mantled Goshawk *Accipiter melanochlamys*
Aug 88, display flight observed above forest, nr Ambua Lodge, Tari, SHP (FGI).
- Grey-headed Goshawk *Accipiter poliocephalus*
Jul 88, possible dark morph of this species at 1100 m nr Tabubil, Wes. No dark morph previously described (FGI); 31 Jul, 1, Boundary trail, Varirata NP (CE); 13 Aug, 1 male ringed, King Bird Tree (IB); 20 Aug, 1 pair, displaying, Goldie R (IB).
- Collared Sparrowhawk *Accipiter cirrhocephalus*
4 Sep, 1, Goldie R (IB); 18 Sep, 1, Banari Rd, SHP (IB); 25 Sep, 1 imm, perched on television aerial, being mobbed by a pair of Willie Wagtails and White-breasted Wood-Swallows, central Port Moresby (CE).
- Doria's Hawk *Megatriorchis doriae*
7 Aug, 1, Veimauri (RH, IB, NW, CE).
- New Guinea Harpy-Eagle *Harpyopsis novaeguineae*
31 Jul, 1 pair, heard calling below escarpment, Boundary trail, Varirata NP (CE); Aug 88, a calling bird below Tari, SHP & 1 gliding along ridge at eye-level, Ilaru Pass, Mor (FGI); 4 Sep, 1, Madilogo (IB).
- Wedge-tailed Eagle *Aquila audax*
Aug 88, 1 spectacular close view, Bensbach, Wes (FGI).
- Little Eagle *Hieraaetus morphnoides*
16 Jul, 1, Varirata NP (RH); 24 Sep, 1, Kupiano, Cen (RGS).
- Brown Falcon *Falco berigora*
28 Aug, 1, UPNG (IB); 17 & 18 Sep, 1, below Tari Gap, SHP (IB); 24 Sep, 1, Korobosea (NW).
- Oriental Hobby *Falco severus*
4 Sep, 1 pair, feeding on butterflies, Goldie R (IB).
- Australian Hobby *Falco longipennis*
4 Aug, (RH,RGS) & 8 Sep, (RGS) 1, Moitaka SP; 7 Aug, 1 imm, Kanosia (RH, IB); Aug 88, 1 fresh juv, Bensbach, Wes (FGI); 1 Sep, 1, Waigani (IB, RGS).
- Magpie Goose *Anseranas semipalmata*
Aug 88, 5000+ in one flock, Bensbach, Wes (FGI).
- Green Pygmy-Goose *Nettion pulchellus*
7 Aug, 2, Aroa Lagoon (IB).
- Black-billed Brush-Turkey *Talegalla fuscirostris*
17 Jul, 1, perched c. 10 m up in a tree, Veimauri (RH); 7 Aug, 3 pairs (?), Veimauri (IB).
- Brown Quail *Coturnix australis*
17 Sep, 2, Tari Gap, SHP (IB).
- Buff-banded Rail *Rallus philippensis*
4 Aug, 2, Moitaka SP (RGS).
- Lewin's Rail *Rallus pectoralis*
Aug 88, Several calls heard, presumed this species, Myola, Oro (FGI).
- Bush-Hen *Amaurornis olivaceus*
7 Aug, 1, Veimauri turn-off (IB, CE).
- Eurasian Coot *Fulica atra*
24 Jul, 1, L Iaraguma (RH, NW) - the first record in the Port Moresby area for nearly 3 years.
- Beach Stone-Curlew *Esacus magnirostris*
7 Aug, 1, Hisiu beach (RH, NW).
- Grey Plover *Pluvialis squatarola*
24 Jul, 1, Lea Lea; 7 Aug, 1, Hisiu beach (both RH).
- Eastern Golden Plover *Pluvialis fulva*
8 Sep, 2, Moitaka SP (RGS); 11 Sep, 2, Loloata (IB); 12 Sep, 40+, UPNG (IB).
- Mongolian Plover *Charadrius mongolus*
27 Aug, 3, Fisherman's I (RGS); 11 Sep, 4, Loloata (IB); 16 Sep, 5, Kankas (RGS).
- Large Sand-Plover *Charadrius leschenaultii*
11 Sep, 18, Loloata (IB).
- Ruddy Turnstone *Arenaria interpres*
7 Aug, 1, Hisiu beach (RH); 10 Sep, 1, Kankas (RGS).
- Eastern Curlew *Numenius madagascariensis*
24 Jul, 1, Lea Lea (RH); Aug 88, a few worn adults, possibly over summering, Daru, Wes (FGI).
- Whimbrel *Numenius phaeopus*
24 Jul, 3, Lea Lea (RH); 3 Aug, 1, Matirogo Bay (RH); 15 Sep, 1, Moitaka SP (IB); 9 Jul, 3; 24 Jul, 2; 10 Sep, 20 & 11 Sep, 4, all Motupore I (IB).
- Grey-tailed Tattler *Tringa brevipes*
9 Jul, 3, Loloata I, over-summering ? (NW); 7 Aug, 1, Hisiu beach (RH); 10 Sep, 3, Kankas (RGS).
- Wandering Tattler *Tringa incana*
7 Aug, 1 at least, Hisiu beach, identified by call (RH).
- Common Sandpiper *Tringa hypoleucos*
14 Jul, 1, Moitaka SP - first returning migrant (RH).

Marsh Sandpiper 15 Sep, 1, Moitaka SP (IB,RGS).	<i>Tringa stagnatilis</i>
Terek Sandpiper Aug 88, one migrant flock, Daru, Wes (FGI).	<i>Tringaterek</i>
Black-tailed Godwit 8 Sep, 1, & 15 Sep, 3, Moitaka SP (RGS).	<i>Limosa limosa</i>
Bar-tailed Godwit 24 Jul, 4, Lea Lea (RH).	<i>Limosa lapponica</i>
Sharp-tailed Sandpiper 18 Aug, 2, Moitaka SP - first returning migrants (RH); 15 Sep, 3, Moitaka SP (RGS).	<i>Calidris acuminata</i>
Whiskered Tern 15 Sep, 70+, Moitaka SP (IB).	<i>Chlidonias hybridus</i>
Gull-billed Tern 15 Sep, 12, Moitaka SP (IB).	<i>Gelochelidon nilotica</i>
Common Tern 23 Jul, 1 imm, Moitaka SP - first returning migrant (RH).	<i>Sterna hirundo</i>
Crested Tern 9 Jul, 15, Motupore I (IB)	<i>Sterna bergii</i>
Lesser Crested Tern 9 Jul, 1, Motupore I (IB); 4 Sep, 5, Kankas (RGS).	<i>Sterna bengalensis</i>
Black-billed Cuckoo-Dove 16 Sep, 30, Myola, Oro (RH).	<i>Macropygia nigrirostris</i>
Great Cuckoo-Dove 17 Jul, 1, Turama R, Gul (IB); 19 Aug, 1, Varirata NP (RGS); 16 Sep, 1, Ambua Lodge, Tari, SHP (IB).	<i>Reinwardtoena reinwardtii</i>
Emerald Ground-Dove 13 Aug, 1 female ringed, King Bird Tree (IB); 11 Sep, 1, Motupore (IB).	<i>Chalcophaps indica</i>
Peaceful Dove 13 Sep, flock of 15, UPNG (IB).	<i>Geopelia striata</i>
Bar-shouldered Dove 10 Sep, 5, Motupore I (IB).	<i>Geopelia humeralis</i>
Pheasant Pigeon 23 Jul, 1, Boundary trail, Varirata NP (RH).	<i>Otidiphaps nobilis</i>
Southern Crowned Pigeon 17 Jul, 5, Turama R, Gul (IB).	<i>Goura sheepmakeri</i>
Ornate Fruit-Dove 7 Aug, 2, Veimauri (IB); 9 Sep, 2, Goldie R (IB).	<i>Ptilinopus ornatus</i>
Orange-fronted Fruit-Dove 17 Jul, 1, in secondary growth, Veimauri (NW,CE); 11 Sep, 3, Motupore I (IB); 24 Sep, 3, Kupiano (RGS).	<i>Ptilinopus aurantifrons</i>
Superb Fruit-Dove 3 Jul, & 6 Aug, 1, Varirata NP (CE).	<i>Ptilinopus superbus</i>
Coroneted Fruit-Dove 31 Jul, 1, Goldie R (IB).	<i>Ptilinopus coronulatus</i>
Beautiful Fruit-Dove 2 Jul, 1, Varirata NP (CE); 17 Jul, 1, Veimauri (CE); 30 Jul, 2, Veimauri (RH).	<i>Ptilinopus pulchellus</i>
White-breasted Fruit-Dove 9 Sep, 4, Goldie R (IB).	<i>Ptilinopus rivoli</i>

Purple-tailed Imperial Pigeon 17 Jul, & 7 Aug, 1, Veimauri (CE).	<i>Ducula rufigaster</i>
Pinon Imperial Pigeon 17 Jul, 1, Veimauri (CE).	<i>Ducula pinon</i>
Collared Imperial Pigeon 18 Jul, 200+, Turama R, Gul (IB).	<i>Ducula muellerii</i>
Papuan Mountain Pigeon 20 Aug, 9, & 4 Sep, 30+, Goldie R (IB); 16 Sep, 8, Ambua Lodge, Tari, SHP (IB); 18 Sep, 20, Tari Gap, SHP (IB).	<i>Gymnophaps albertisii</i>
Greater Streaked Lory Jul 88, one going in and out of a hole in a tree limb at Kiunga, Wes. The cavity was a slit in the underside of a nearly vertical limb c. 15 m above ground in an area of selectively logged forest (FGI).	<i>Chalcopsitta scintillata</i>
Dusky Lory 16 Sep, 2, Myola, Oro (RGS).	<i>Pseudeos fuscata</i>
Goldie's Lorikeet 16 Sep, 4, Myola, Oro (RGS).	<i>Trichoglossus goldiei</i>
Western Black-capped Lory Aug 88, max elevation recorded 1800 m, Ilaru Pass, Mor (FGI).	<i>Lorius lory</i>
Pygmy Lorikeet 4 Sep, 2, Goldie R (IB).	<i>Charmosyna wilhelminae</i>
Little Red Lorikeet 20 Aug, c. 20, feeding in flowering tree, Myola (RH).	<i>Charmosyna pulchella</i>
Papuan Lorikeet 20 Aug, pairs feeding in flowering tree, Myola, Oro (RH); 16 Sep, 2, Myola (RGS); 16 - 19 Sep, seen daily, Ambua Lodge - Tari Gap, SHP (CE) with 15+ on 17 Sep (IB).	<i>Charmosyna papou</i>
Plum-faced Lorikeet 20 Aug, c. 6 feeding in flowering tree, Myola (RH); 17 Sep, 1, & 18 Sep, 2, Tari Gap, SHP (IB,CE).	<i>Oreopsittacus arfaki</i>
Yellow-billed Lorikeet 16 Sep, 3, Ambua Lodge, Tari, SHP (IB).	<i>Neopsittacus musschenbroekii</i>
Orange-billed Lorikeet 20 Aug, pair inspecting nest hole, Myola, Oro (RH); 16 Sep, 8, Ambua Lodge, Tari, SHP (IB); 18 Sep, 10, Tari Gap, SHP (IB, CE)	<i>Neopsittacus pullicauda</i>
Palm Cockatoo 18 Jul, 3, Turama R, Gul (IB); Jul 88, 8, along the Fly River, nr Kiunga, Wes (FGI); Aug 88, 1, Bensbach & 1, Weam, Wes (FGI).	<i>Probosciger aterrimus</i>
Buff-faced Pygmy-Parrot 7 Jul, 1; 30 Jul, 2 & 15 Aug, 2, Veimauri (CE); 10 Jul, 1, Boundary trail, Varirata NP (NW).	<i>Micropsitta pusio</i>
Red-breasted Pygmy-Parrot 24 Jul, 2, Efogi, Cen (RH); Aug 88, 1, at Tari, SHP, where apparently previously unrecorded, although not unexpected (FGI); 16 Sep, 1, Myola, Oro (RGS).	<i>Micropsitta bruijnii</i>
Double-eyed Fig-Parrot Aug 88, 1, apparently eating soil, on a road cut at 1800 m Ilaru Pass, Mor (FGI).	<i>Cyclopsitta diopthalma</i>
Edward's Fig-Parrot At Ngasawapum village, Mor, half way between Lae and Nadzab, a pair appear to inhabit a hole in a dead tree close to the road. This usually affords good views of the birds but it is not clear if they are nesting or not. They appear to be under pressure from Metallic Starlings <i>Aplonis metallica</i> to vacate the premises (GS).	<i>Psittaculirostris edwardsii</i>

- Brehm's Tiger-Parrot *Psittacella brehmii*
17 & 18 Sep, 1, male, Tari Gap, SHP (IB, CE)
- Blue-collared Parrot *Geoffroyus simplex*
2 Jul, c. 17, flying, Varirata NP (RH); 23 Jul, heard, Varirata NP (RH); 24 Aug, heard, Owers Corner (RH); 4 Sep, 2, & 9 Sep, c. 20, Goldie R (IB); 25 Sep, Beehler *et al.* (1986) records this species as possibly absent from the Huon. However, at Gain School, on the Boana Rd, Mor, some parrots high overhead gave the familiar "sleigh-bells" call of this species but a positive identification was not possible (GS).
- Vulturine Parrot *Psitturichas fulgidus*
17 Jul, 1, Turama R, Gul (IB); Jul, 88, 12, Tabubil area, Wes (FGI); 16 Sep, a small flock of 10 - 12 birds flew over the Gawam Rd just outside Lae, Mor. Only a fleeting view unfortunately, but unmistakable shape, call and red in wings (GS).
- Papuan King-Parrot *Alisterus chloropterus*
3 & 9 Jul, 1, Varirata NP (CE).
- Fan-tailed Cuckoo *Cacomantis flabelliformis*
16 Sep, 3, Myola, Oro (RGS).
- Malay Bronze-Cuckoo *Chrysococcyx minutillus*
17 Jul, & 7 Aug, 1, Veimauri (RH).
- Rufous-throated Bronze-Cuckoo *Chrysococcyx ruficollis*
17 & 18 Sep, 1 Tari Gap, SHP (IB,CE).
- White-eared Bronze-Cuckoo *Chrysococcyx meyerii*
17 Jul & 7 Aug, 1, Veimauri (RH).
- White-crowned Koel *Caliechthrus leucolophus*
10 Jul, 1, Gare's Lookout, Varirata NP (CE, NW); 31 Jul & 6 Aug, 1, Varirata NP (CE); 18 Sep, 1, heard, below Ambua Lodge, Tari, SHP (CE).
- Dwarf Koel *Microdynamis parva*
7 Aug, 1 pair, Veimauri (RH,NW).
- Channel-billed Cuckoo *Scythrops novaehollandiae*
3 Jul, 2, PAC (LT); Aug 88, 2 flying over the Highway, just outside Lae, Mor (GS).
- Lesser Black Coucal *Centropus bernsteini*
18 Jul, 1, Komaio village, Turama R, Gul (IB).
- Barn Owl *Tyto alba*
15 Sep, 1, Moitaka SP (IB).
- Sooty Owl *Tyto tenebricosa*
16 Sep, 2, Myola, Oro (RGS).
- Papuan Boobook *Ninox theomacha*
10 Aug, 1, calling at 02:00 hrs, UPNG (IB); 16 & 19 Sep, 1 calling, Ambua Lodge, Tari, SHP (IB).
- Owlet-Nightjar sp. *Aegotheles* sp.
31 Jul 1, flushed from tree, Boundary trail, Varirata NP - possibly Barred Owlet-Nightjar *A. bennettii* ? (CE).
- Feline Owlet-Nightjar *Aegotheles insignis*
Aug 88, 2, Tari, SHP, first records of this species in that area & 1, brown morph, Myola, Oro. The tail on this individual was quite worn, indicating that it may regularly enter and exit a cavity (FGI).
- White-throated Nightjar *Eurostopus mystacalis*
Aug 88, bird(s) flying over the river each evening were probably this species, Bensbach, Wes (FGI).
- Large-tailed Nightjar *Caprimulgus macrurus*
20 Sep, 1 nesting with 1 chick, Goldie R (NW); 13 Aug, 2, Menifo, EHP (RGS).
- Moustached Tree-Swift *Hemiprocne mystacea*
Jul, Aug & Sep, singles regularly recorded at Veimauri (RH, CE); 24 Aug, 2, Owers Corner (RH).
- Australian Paradise-Kingfisher *Tanysiptera sylvia*
20 Aug, 1, Goldie R (NW).
- Brown-headed Paradise-Kingfisher *Tanysiptera danae*
2 Jul, pair hrd, Varirata NP (NW); 23 Jul, 1 seen & 4 hrd, Boundary trail, Varirata NP (RH, IB).
- Yellow-billed Kingfisher *Halcyon torotoro*
15 Jul, 1, Veimauri (CE).
- Dwarf Kingfisher *Ceyx lepidus*
15 Jul, (CE) & 30 Jul, (NW), 1, Veimauri.
- Little Kingfisher *Alcedo pusilla*
30 Jul, 1, Oxbow (RH).
- Common Kingfisher *Alcedo atthis*
28 Jul, 1, Moitaka SP (RH).
- Blyth's Hornbill *Rhyticeros plicatus*
18 Jul, 246 counted from boat, Turama R, Gul (IB); 26 - 31 Jul, many pairs in the Kiunga and Tabubil areas, Wes (FGI); 16 Aug, 2, Walindi, WNB (CE); Aug 88, an incredible gathering of no fewer than 70 - 80 birds assembled in a number of dead trees on a ridge overlooking the Markham R on the Markham - Labu logging road. After half-an-hour or so they flew off in small groups towards the coast (GS); 10 & 11 Sep, several pairs, Angabanga R (NW).
- Blue-breasted Pitta *Pitta erythrogaster*
2 & 3 Jul, 1 seen; 10 Jul, 1 heard; 31 Jul, 1 imm seen; 6 Aug, 1 heard, all Varirata NP (CE); 7 Aug, 1 heard, Veimauri (CE).
- Hooded Pitta *Pitta sordida*
17 & 30 Jul, 7 Aug, heard, Veimauri (CE); 6 Aug & 24 Sep, heard, Varirata NP (CE).
- Singing Bushlark *Mirafra javanica*
13 Aug, 2, Menifo, EHP (RGS).
- Welcome Swallow *Hirundo neoxena*
13 Jul, (BWF) & 14 Jul, (RH) 1, Moitaka SP - probably same individual as seen in March.
- Tree Martin *Hirundo nigricans*
3 Jul, 1, Paga Hill (RH); 14 Jul, c. 15, Moitaka SP (RH).
- Fairy Martin *Hirundo ariel*
18 Jul, 1, Moitaka SP (BWF); Jul 88, 1, associating with Pacific Swallows, Moitaka SP (FGI).
- Richard's Pipit *Anthus novaeseelandiae*
19 Sep, 1, Tari airstrip, SHP (IB,CE).
- Hooded Cuckoo-Shrike *Coracina longicauda*
18 & 19 Sep, 2 pairs (1 nesting), Banari Rd, SHP (IB,CE).
- Stout-billed Cuckoo-Shrike *Coracina caeruleo-grisea*
23 Jul, 1, Varirata NP (IB); 30 Jul, 1, Veimauri (RH); 20 Aug & 4 Sep, 3, Goldie R (IB); 18 Sep, 1, Banari Rd, SHP (IB).
- Yellow-eyed Cuckoo-Shrike *Coracina lineata*
2 Jul, 2 males feeding in fruiting tree, Varirata NP (RH); 31 Jul, 1, Goldie R (RGS).
- Boyer's Cuckoo-Shrike *Coracina boyeri*
2 Jul, 2 males feeding in fruiting tree, Varirata NP (RH).
- Cicadabird *Coracina tenuirostris*
24 Sep, 1 male, Varirata NP (NW).
- Black-bellied Cuckoo-Shrike *Coracina montana*
23 Jul, 1, Varirata NP (IB); 20 Aug, 4 pairs; 3 Sep, 3 pairs & 9 Sep, 3 pairs, Madilogo (IB); 18 Sep, 1, Banari Rd, SHP (IB).

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Golden Cuckoo-Shrike	<i>Campochaera sloetii</i>
18 Jul, 1 pair, Turama R, Gul (IB); Jul 88, recorded daily in numbers, Kiunga, Wes (FGI).	
Long-tailed Shrike	<i>Lanius schach</i>
16 Jul, 2, Onange, Cen (RGS); 13 Aug, 8, Goroka, EHP (RGS).	
Painted Quail-Thrush	<i>Cinclosoma ajax</i>
2 Jul, 1 pair, Boundary trail, Varirata NP (CE); 10 Jul, 1 male, Gare's Lookout trail, Varirata NP (NW, CE).	
Blue Jewel-Babbler	<i>Ptilorrhoa caerulescens</i>
17 Jul, 1, Veimauri (CE).	
Lesser Melampitta	<i>Melampitta lugubris</i>
16 Sep, 1, Myola, Oro (RGS).	
Rufous Babbler	<i>Pomatostomus isidorei</i>
17 Jul, c. 6, Veimauri (RH).	
Tawny Grassbird	<i>Megalurus timoriensis</i>
16 Sep, 50, Myola (RGS).	
Fly River Grassbird	<i>Megalurus albolimbatus</i>
Aug 88, 12+ males performing song flights, Bensbach, Wes (FGI).	
Island Leaf-Warbler	<i>Phylloscopus trivirgatus</i>
16 Jul, 3, Onange, Cen (RGS); 20 Aug, 1, Goldie R (IB,NW).	
Emperor Fairy-Wren	<i>Malurus cyanocephalus</i>
20 Aug, 1 pair, Goldie R (IB).	
Bicolored Mouse-Warbler	<i>Crateroscelis nigrorufa</i>
23 Jul, 1, Boundary trail, Varirata NP (IB); 9 Sep, 2, Goldie R (IB).	
Mountain Mouse-Warbler	<i>Crateroscelis robusta</i>
16 Sep, 1, Myola, Oro (RGS); 18 Sep, 1 pair, Ambua Lodge, Tari, SHP (CE).	
Pale-billed Scrub-Wren	<i>Sericornis spilodera</i>
14 Jul, several, Boundary trail, Varirata NP (NW).	
Grey Gerygone	<i>Gerygone cinerea</i>
16 Sep, 1, Myola, Oro (RGS).	
Green-backed Gerygone	<i>Gerygone chloronotus</i>
20 Aug, 1, Varirata NP (RGS); 21 Aug, 2, Veimauri (RGS).	
Fairy Gerygone	<i>Gerygone palpebrosa</i>
20 Aug, 2, Varirata NP (RGS).	
Brown-breasted Gerygone	<i>Gerygone ruficollis</i>
13 Aug, 3, Menifo, EHP (RGS); 16 Sep, 6, Myola, Oro (RGS); 17 Sep, 1, Tari Gap (CE).	
White-throated Gerygone	<i>Gerygone olivacea</i>
16 Aug, 3, Onange, Cen (RGS).	
Sooty Thicket-Fantail	<i>Rhipidura threnothorax</i>
6 Aug, 1, Circuit trail, Varirata NP (CE); 7 Aug, 1, Veimauri (CE).	
Black Thicket-Fantail	<i>Rhipidura maculipectus</i>
10 Jul, 1, Gare's Lookout trail, Varirata NP (CE); 16 Jul, 1 heard, Varirata NP (RH).	
White-bellied Thicket-Fantail	<i>Rhipidura leucothorax</i>
10 Jul, 2, Jais Aben, Mad (RH).	
Dimorphic Fantail	<i>Rhipidura brachyrhyncha</i>
Aug 88, white-tailed morphs at Ilaru Pass, Oro and Myola, Oro, both at lower end of altitudinal range (FGI).	
Mangrove Fantail	<i>Rhipidura phasianina</i>
7 Aug, 1, Hisiu mangroves (RH).	

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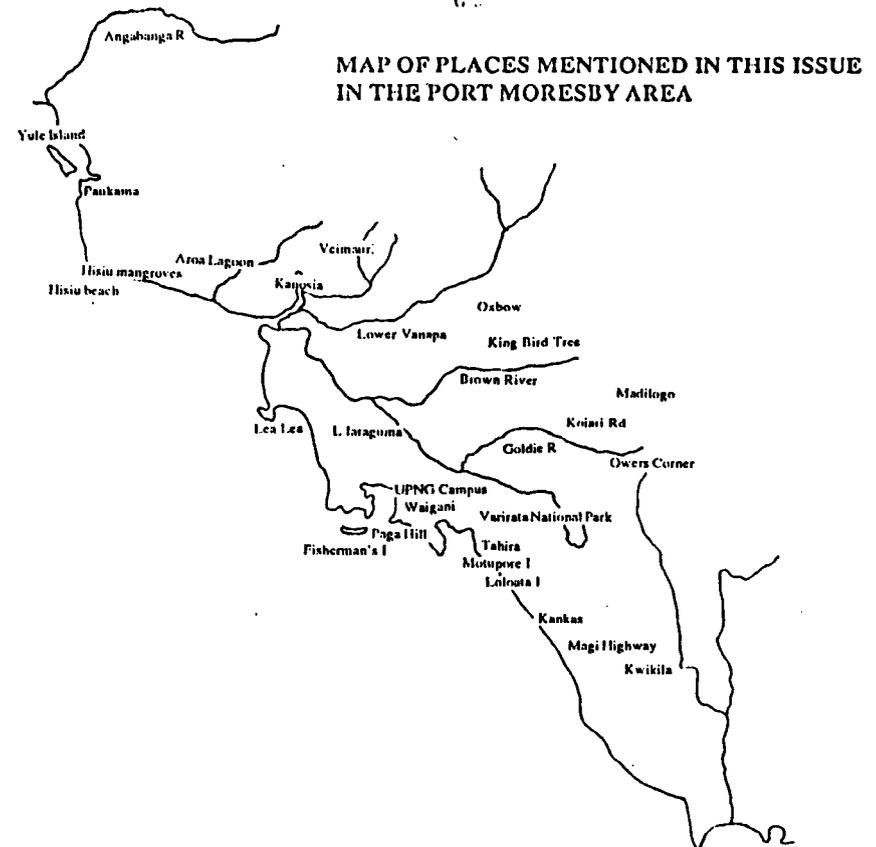
Black Fantail	<i>Rhipidura atra</i>
16 Sep, 4, Myola, Oro (RGS).	
Friendly Fantail	<i>Rhipidura albolimbata</i>
16 Sep, 3, Myola, Oro (RGS).	
Black-faced Monarch	<i>Monarcha melanopsis</i>
30 Jul, 1, Veimauri (RH).	
Black-winged Monarch	<i>Monarcha frater</i>
14 Jul, 1, Boundary trail, Varirata NP (NW).	
Leaden Flycatcher	<i>Myiagra rubecula</i>
31 Jul, 1, Varirata NP (CE).	
Satin Flycatcher	<i>Myiagra cyanoleuca</i>
7 Aug, 1, male, Veimauri (RH,NW).	
Yellow-breasted Boatbill	<i>Machaerirhynchus flaviventer</i>
2 Jul, 1 female, Varirata Lookout trail, Varirata NP (RH); 6 Aug, 1, Varirata NP (CE).	
Black-breasted Boatbill	<i>Machaerirhynchus nigripectus</i>
21 Aug, 1 pair, Efogi, Cen (RH); 17 Sep, 1, Tari Gap (CE); 18 & 19 Sep, 1, Banari Rd (CE).	
Torrent Flycatcher	<i>Monachella muelleriana</i>
24 Aug, 1, Goldie R, nr Owers Corner (RH); 10 & 11 Sep, common, Angabanga R (NW).	
Jacky Winter	<i>Microeca leucophaea</i>
24 Jul, at least 3 pairs, Lake Iaraguma (RH); 24 Sep, 1, Kupiano, Cen (RGS).	
Canary Flycatcher	<i>Microeca papuana</i>
16 Sep, 1, Myola, Oro (RGS).	
Garnet Robin	<i>Eugerygone rubra</i>
20 Aug, 1 young being fed by male and female at c. 2700 m, Myola, Oro (RH); 16 Sep, party of 5+ (no breeding males), Ambua Lodge, Tari, SHP (CE).	
Black-throated Robin	<i>Poecilodryas albonotata</i>
16 & 17 Sep, 1, Ambua Lodge, Tari, SHP (CE).	
Banded Yellow Robin	<i>Poecilodryas placens</i>
15 Jul, (CE) & 30 Jul, (RH) 2, Veimauri; 7 Aug, 1, Veimauri (CE).	
Lesser Ground-Robin	<i>Amalocichla incerta</i>
Aug 88, 1, Myola, Oro (FGI).	
White-winged Robin	<i>Peneothello sigillatus</i>
17 Sep, 1, Tari Gap, SHP (CE).	
Blue-grey Robin	<i>Peneothello cyanus</i>
18 Sep, family of 3+, Ambua Lodge, Tari, SHP (CE).	
Dwarf Whistler	<i>Pachycare flavogrisea</i>
This attractive little bird recorded more often than usual, with 6 records from Varirata NP, 3 Jul, & 9 Jul, 1 (CE); 14 Jul, 1 seen, many heard (NW); 23 Jul, 1 (IB); 6 Aug, 1 (CE) & 24 Sep, 1 (CE, NW). Also two other records, 23 Aug, 1 female in <i>Castanopsis</i> forest, Macdonnell Range, Cen (RH); 4 Sep, 1, Goldie R (IB).	
Mottled Whistler	<i>Rhagologus leucostigma</i>
Aug 88, present around Ambua Lodge and fairly common along the Banari Rd, Tari, SHP (FGI).	
Sclater's Whistler	<i>Pachycephala soror</i>
16 & 19 Sep, 1, Ambua Lodge, Tari, SHP (IB); 18 Sep, 1, Banari Rd (IB).	
Regent Whistler	<i>Pachycephala schlegelii</i>
18 Sep, 1, Tari Gap, SHP (CE).	
Black-headed Whistler	<i>Pachycephala monacha</i>
13 Aug, 2, Menifo, EHP (RGS).	

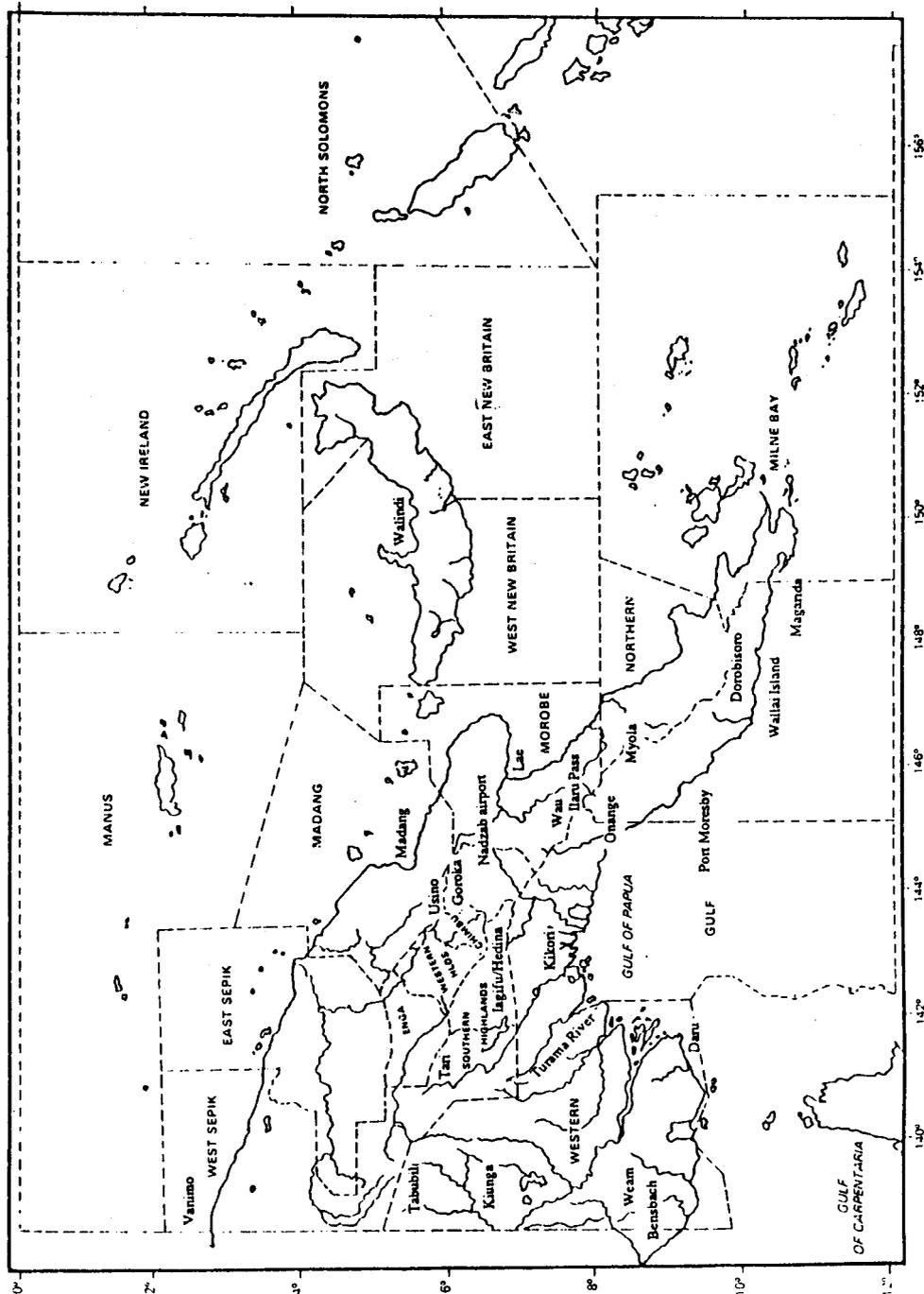
Little Shrike-Thrush 18 Sep, 2, Tari Gap, SHP (IB).	<i>Colluricincla megarrhyncha</i>
Variable Pitohui 15 Jul, 2, Kikori, Gul (IB).	<i>Pitohui kirhocephalus</i>
Black Pitohui 19 Sep, 1, male, Ambua Lodge, Tari, SHP (IB,CE).	<i>Pitohui nigrescens</i>
Wattled Ploughbill 19 Sep, 1, male, Ambua Lodge, Tari, SHP (IB).	<i>Eulacestoma nigropectus</i>
Papuan Treecreeper Aug 88, at least 3 pairs in the Tari Gap area, SHP, ranging from 1900 m to 2600 m (FGI); 16 Sep, 3, Myola, Oro (RGS).	<i>Climacteris placens</i>
Black Sittella 20 Aug, c. 10 feeding in canopy, Myola, Oro (RH).	<i>Daphoenositta miranda</i>
Mid-mountain Berrypecker 9 Sep, female ringed, Madilogo (IB).	<i>Melanocharis longicauda</i>
Spotted Berrypecker Aug 88, pair at Tari, SHP, apparently first record for that area (FGI).	<i>Rhamphocharis crassirostris</i>
Papuan Flowerpecker 9 Jul, 1, Varirata NP (CE); 13 Aug, 1, Menifo, EHP (RGS).	<i>Dicaeum pectorale</i>
Tit Berrypecker 17 & 18 Sep, small flock, Tari Gap, SHP (CE).	<i>Oreocharis arfaki</i>
Crested Berrypecker 17 & 18 Sep, single birds, Tari Gap, SHP (CE).	<i>Paramythia montium</i>
New Guinea White-eye 16 Jul, 2, Onange, Cen (RGS); 20 Aug, c. 50, Myola, Oro (RH); 4 Sep, 6, Goldie R (IB).	<i>Zosterops novaeguineae</i>
Slaty-chinned Longbill 2 Jul, 1, Varirata NP (CE).	<i>Toxorhamphus poliopterus</i>
Dwarf Honeyeater 11 Aug, pair nesting, Varirata NP (RH).	<i>Oedistoma iliolophus</i>
Silver-eared Honeyeater 7 Aug, pair nesting, Aroa Service Station (IB).	<i>Lichmera alboauricularis</i>
Red-throated Myzomela 30 Jul, 1 male, Veimauri (RH).	<i>Myzomela eques</i>
Red Myzomela 16 Aug, 1, Onange, Cen (RGS); 20 Aug, 1 pair, Goldie R (IB).	<i>Myzomela cruentata</i>
Mountain Red-headed Myzomela Jul 88, song of birds in Varirata NP was very different to that of populations elsewhere in PNG (FGI).	<i>Myzomela adolphinae</i>
Red-collared Myzomela 20 Aug, common feeding in fruiting trees, Myola, Oro (RH); 16 Sep, 50+, Myola, Oro (RGS).	<i>Myzomela rosenbergii</i>
Mountain Meliphaga 22 Aug, 2, Efogi, Cen (RH); 4 Sep, 6+ & 9 Sep, 1, Madilogo (IB).	<i>Meliphaga orientalis</i>
Graceful Meliphaga 24 Sep, 4, Kupiano, Cen (RGS).	<i>Meliphaga gracilis</i>
Varied Honeyeater 9 - 11 Jul, common, Jais Aben Resort, Madang, Mad (RH); 28 Aug, 4, Fisherman's I (RGS); 24 Sep, 3, Kupiano (RGS).	<i>Lichenostomus versicolor</i>

Black-throated Honeyeater 20 Aug, one of the commonest birds feeding in the Myola area, Oro (RH); 16 Sep, 2, Myola, Oro (RGS); 17 & 18 Sep, 1, Tari Gap (IB).	<i>Lichenostomus subfrenatus</i>
Spotted Honeyeater 2 Jul, 1, Varirata NP (CE); 14 Jul, 1, Boundary trail, Varirata NP (NW); 30 Jul (RH) & 7 Aug, (CE), 1, Veimauri.	<i>Xanthotis polygramma</i>
Marbled Honeyeater 21 Aug, 1, Efogi, Cen (RH); 9 Sep, 1, Goldie R (IB).	<i>Pycnopygius cinereus</i>
Meyer's Friarbird 15 & 30 Jul, 1, Veimauri (CE).	<i>Philemon meyeri</i>
Yellowish Streaked Honeyeater 16 Sep, 3, Ambua Lodge, Tari, SHP (IB, CE).	<i>Ptiloprora meekiana</i>
Grey-streaked Honeyeater 16 Sep, 1, Myola, Oro (RGS); 17 & 18 Sep, common, Tari Gap, SHP (IB).	<i>Ptiloprora perstriata</i>
Sooty Melidectes 18 Sep, 1, Tari Gap, SHP (CE).	<i>Melidectes fuscus</i>
Yellow-browed Melidectes 16 Sep, 2, Myola, Oro (RGS).	<i>Melidectes rufocrissalis</i>
Ornate Melidectes 30 Sep, 5, Goroka, EHP (IB).	<i>Melidectes torquatus</i>
Common Smoky Honeyeater 16 Sep, 1, Myola, Oro (RGS).	<i>Melipotes fumigatus</i>
Brown-backed Honeyeater 10 Jul, 1 in mangroves, Jais Aben Resort, Madang, Mad (RH); 19 Jul, 1, Komaio village, Turama R, Gul (IB).	<i>Ramsayornis modestus</i>
Blue-faced Parrot-Finch 17 Sep, 1 (IB) & 2 (CE), Ambua Lodge, Tari, SHP.	<i>Erythrura trichroa</i>
Papuan Parrot-Finch 16 Sep, 2, Ambua Lodge, Tari, SHP (IB).	<i>Erythrura papuana</i>
White-spotted Mannikin 17 Jul, 10+, Turama R, Gul (IB); Aug 88, Bensbach, Wes (FGI).	<i>Lonchura leucosticta</i>
Hooded Mannikin 13 Aug, 8, Menifo, EHP (RGS).	<i>Lonchura spectabilis</i>
Eastern Alpine Mannikin 20 & 21 Jul, 2 with flocks of Grey-headed Mannikin <i>L. caniceps</i> , Myola, Oro (RH); Aug 88, Myola, Oro (FGI); 16 Sep, 2, Myola, Oro (RGS).	<i>Lonchura monticola</i>
Mountain Firetail 17 Sep, 2 & 18 Sep, 4, Tari Gap, SHP (IB).	<i>Oreostruthus fuliginosus</i>
Crimson Finch Aug 88, flock at Bensbach, Wes (FGI).	<i>Neochmia phaeton</i>
Yellow-eyed Starling 17 Jul, 1 in flock of 100 Metallic Starlings <i>A. metallica</i> and 5 Singing Starlings <i>A. cantoroides</i> feeding on mayflies, Turama R, Gul (IB); Jul 88, 40 in one medium height tree, Tabubil, Wes. Most birds were in adult male plumage with c. 6 in female/imm. plumage (FGI).	<i>Aplonis mystacea</i>
Golden Myna 30 Jul, 1 pair, Lower Vanapa (RH).	<i>Mino anais</i>
Olive-backed Oriole Aug 88, 1, Daru, Wes (FGI).	<i>Oriolus sagittatus</i>

- Mountain Drongo *Chaetorhynchus papuensis*
10 Jul, 2, Boundary trail, Varirata NP (NW); 14 Jul, several, Boundary trail & Gare's Lookout trail, Varirata NP (NW); 23 Jul, 2, Boundary trail, Varirata NP (RH); 30 Jul, 1, Veimauri (NW).
- Torrent-Lark *Grallina bruijnii*
23 - 24 Aug, 1 pair, Manamena Creek & 3 pairs, Ua Ule Creek, Kokoda trail, Cen (RH); 19 Sep, 1, Ambua Lodge, Tari, SHP (CE); 19 Sep, 1 pair, Banari Rd, Tari, SHP (IB,CE).
- Great Wood-Swallow *Artamus maximus*
16 Jul, 10, Onange, Cen (RGS).
- Black Butcherbird *Cracticus quoyi*
3 Jul, 2, Varirata NP (CE); 19 Sep, 1, Banari Rd, Tari, SHP (CE).
- Mountain Peltops *Peltops montanus*
14 Jul, 1, Boundary trail, Varirata NP (NW); 21 Aug, 1, Efogi, Cen (RH).
- White-eared Catbird *Ailuroedus buccoides*
6 Aug, 2, Circuit trail, Varirata NP (CE).
- Archbold's Bowerbird *Archboldia papuensis*
18 Sep, 1 male, Tari Gap, SHP (IB).
- Macgregor's Bowerbird *Amblyornis macgregoriae*
20 Aug, 1 bower discovered on ridge above Myola, Oro. The moss rim of the bower was decorated with black wood (rotting not burnt), black beetle wing-cases, and (mostly) black butterfly wings (RH); 18 Sep, 1 male, orange crest visible, Banari Rd, Tari, SHP (IB,CE).
- Crested Bird of Paradise *Cnemophilus macgregorii*
18 Sep, 2 females, Tari Gap, SHP (IB).
- Loria's Bird of Paradise *Cnemophilus loriae*
16 Sep, 2 females, Ambua Lodge, Tari, SHP (IB); 17 Sep, 1 male, old Tari rd, SHP (IB).
- Glossy-mantled Manucode *Manucodia atra*
24 Sep, 2, Kupiano, Cen (RGS).
- Crinkle-collared Manucode *Manucodia chalybata*
23 Jul, 1 carrying nesting material, Varirata NP (RH); 24 Sep, 2, Circuit trail, Varirata NP (CE).
- Trumpet Manucode *Manucodia keraudrenii*
Aug 88, display flight at King Bird Tree (FGI); 11 Sep, 2, Lower Vanapa (CE).
- Short-tailed Paradigalla *Paradigalla brevicauda*
16 & 17 Sep, 1, Ambua Lodge, Tari, SHP (IB).
- Twelve-wired Bird of Paradise *Seleucidis melanoleuca*
13 Aug, 1 female, ringed, King Bird Tree (IB); 11 Sep, 1 male, Lower Vanapa (CE).
- Brown Sicklebill *Epimachus meyeri*
Aug 88, 1, Ilaru Pass, Mor (TP); 17 Sep, 1 male seen & 5 heard, Old Tari Rd, SHP (IB, CE).
- Ribbon-tailed Astrapia *Astrapia mayeri*
17 & 18 Sep, single males and immatures, Tari Gap, SHP (IB,CE).
- Stephanie's Astrapia *Astrapia stephaniae*
Aug 88, full adult males feeding on *Shefflera* fruit, Tari, SHP (FGI); Aug 88, 8, including 4 in one tree, Ilaru Pass, Mor (TP); 16 Sep, 1, Myola, Oro (RGS); 18 Sep, 2 females, Banari Rd, Tari, SHP (IB).
- Superb Bird of Paradise *Lophorina superba*
16 Jul, 4, Onange, Cen (RGS); Aug 88, female feeding juv at c. 1900 m, below Ambua Lodge, Tari, SHP (FGI); Aug 88, 5, Ilaru Pass, Mor (TP); 9 Sep, 1 male, Goldie R (IB); 16 Sep, 1 male, Ambua Lodge, Tari, SHP (CE); 18 & 19 Sep, 1 male, Banari Rd, Tari, SHP (IB, CE).
- Carola's Parotia *Parotia carolae*
Jul 88, feeding on *Shefflera* fruit, Tabubil, Wes (FGI).

- Lawes' Parotia *Parotia lawesii*
Aug 88, 4, Ilaru Pass, Mor (TP); 18 Sep, 2 females (IB) & 19 Sep, 1 male (IB,CE), Banari Rd, Tari, SHP.
- King of Saxony Bird of Paradise *Pteridophora alberti*
17 Sep, 3 males displaying and 3 heard, 1 female, Old Tari Rd, SHP (IB).
- Magnificent Bird of Paradise *Cicinnurus magnificus*
9 Jul (CE), 10 Jul (NW), 1 female & 14 Jul (NW), several Boundary trail, Varirata NP; Jul 88, adult males and female plumaged birds feeding on *Shefflera*, Tabubil, Wes (FGI); 6 Aug, 1 female, Circuit trail, Varirata NP (CE).
- Emperor Bird of Paradise *Paradisaea guilielmi*
25 Sep, a few seen the usual spot nr Gain School on the Boana Rd, Mor, but no plumed male (GS).
- Blue Bird of Paradise *Paradisaea rudolphi*
Aug 88, 1 male & 1 female, Ilaru Pass, Mor (TP).
- Grey Crow *Corvus tristis*
17 Jul, 5 & 7 Aug, 4, Veimauri (RH).





RECENT OBSERVATIONS OCTOBER - DECEMBER 1988

COMPILED BY ROGER HICKS

All observations refer to the Port Moresby area unless the site name is followed by an abbreviated province name.

Contributors: Colin Bacon (CB); Robin Benson (RB); Ian Burrows (IB); Bill Cooper (BC); Chris Eastwood (CE); Richard Gregory-Smith (RGS); Roger Hicks (RH); Geoff Smith (GS); Len Tolhurst (LT); Niklas Wahlberg (NW).

Abbreviations: ad = adult; Cen = Central Province; EHP = Eastern Highlands Province; I = Island; imm = immature; juv = juvenile; L = Lake; Mor = Morobe Province; NP = National Park; Oro = Northern Province; PAC = Pacific Adventist College; R = River; Rd = Road; SHP = Southern Highlands Province; SP = settling ponds; UPNG = University of PNG campus.

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|---|---------------------------------|
| Dwarf Cassowary | <i>Casuarius bennetti</i> |
| 11 Dec, 1, Varirata NP (IB). | |
| Australian Pelican | <i>Pelecanus conspicillatus</i> |
| 9 Oct, 15+, L Iaraguma (CE, NW). | |
| Cattle Egret | <i>Egretta ibis</i> |
| 1 Dec, several in breeding plumage, Goldie River Barracks (NW); 24 Dec, 13, Kanosia, all in breeding plumage (RH). | |
| Little Egret | <i>Egretta garzetta</i> |
| 13 Oct, 11, Moitaka SP (IB). | |
| Eastern Reef-Egret | <i>Egretta sacra</i> |
| 26 Dec, 2, white phase birds, Yule I (RGS). | |
| Little Bittern | <i>Ixobrychus minutus</i> |
| 29 Dec, 1 heard, Moitaka SP (RH). | |
| Black Bittern | <i>Ixobrychus flavicollis</i> |
| 1 Oct & 20 Nov, 2, Oxbow (CE); 15 Nov (RGS), 8 Dec (RH) & 12 Dec (RGS), 1, Moitaka SP. | |
| Glossy Ibis | <i>Plegadis falcinellus</i> |
| 9 Oct, 1, L Iaraguma (CE). | |
| Royal Spoonbill | <i>Platalearegia</i> |
| 9 Oct, 6, L Iaraguma (CE); 22 Oct, 15, nr Magarida, Cen (IB). | |
| Osprey | <i>Pandion haliaetus</i> |
| 22 Oct, 1, Magarida, Cen (IB). | |
| Crested Hawk | <i>Aviceda subcristata</i> |
| 16 Oct, 1 engaged in spectacular aerial display of rising sharply and plunging down again, Markham - Labu Rd, Mor (GS); 10 Dec, 1, Varirata NP (RGS). | |

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- Long-tailed Buzzard *Henicopernis longicauda*
31 Dec, 1, Boundary trail, Varirata NP (RH).
- Bat Hawk *Macheiramphus alcinus*
24 Dec, 1, King Bird Tree (CE).
- Black Kite *Milvus migrans*
1 Oct, 1, Mt. Gahavisuka, EHP (IB); 2 Oct, 3, Goroka airport, EHP (IB).
- White-bellied Sea-Eagle *Haliaeetus leucogaster*
6 Oct, 1 ad, Moitaka SP (IB); 8 Dec, 1 sub-ad, Moitaka SP (RH, RGS).
- Swamp Harrier *Circus approximans*
20 Oct, 1, Moitaka SP (IB).
- Grey Goshawk *Accipiter novaehollandiae*
10 Dec, 1 white phase, Varirata NP (RGS).
- Grey-headed Goshawk *Accipiter poliocephalus*
2 Oct, 1 perched, Gawam Rd, Mor (GS); 27 Dec, 1, King Bird Tree (BC).
- New Guinea Harpy-Eagle *Harpyopsis novaeguineae*
28 Oct, 1, Lake Omha, Oro (BC); 6 Nov, 1, Madilogo (IB & CB).
- Gurney's Eagle *Aquila gurneyi*
19 Nov, 1 imm., Gares Lookout trail, Varirata NP (CE).
- Little Eagle *Hieraetus morphnoides*
31 Oct, 1, nr Gogol R, Mad (GS).
- Brown Falcon *Falco berigora*
10 Oct, 1, Nadzab, Mor. (RGS); 16 Oct, 2, Myola, Oro (IB); 27 Dec, 1, Yule I (RGS).
- Australian Hobby *Falco longipennis*
12 Dec, 1, UPNG (IB).
- Spotted Whistling Duck *Dendrocygna guttata*
1 Oct, Oxbow (CE).
- Salvadori's Teal *Anas waigiuiensis*
28 Oct, 2 ad & 4 ducklings, Lake Omha, Oro (BC).
- Grey Teal *Anas gibberifrons*
29 Dec, 1, Moitaka SP (RH).
- Garganey *Anas querquedula*
All records from Moitaka SP; 8 Dec, 2 females (RH); 22 Dec, 2 (RGS); 29 Dec, 5 (RGS, RH).
- Common Scrubfowl *Megapodius freycinet*
20 & 21 Nov, 2 & 1, nr Laua village, Cen (IB).
- Bare-eyed Rail *Eulabeornis plumbeiventris*
23 Oct, 2+, King Bird Tree (CE).
- Forbes' Forest-Rail *Rallinaforbesi*
15 Oct, 1, Myola, Oro (IB).
- Red-necked Rail *Rallinatricolor*
23 Oct, 1 bathing in a puddle, King Bird Tree (CE); 27 Dec, 1, King Bird Tree (CE, BC).
- Buff-banded Rail *Rallus philippensis*
6 Oct, 1, Moitaka SP (RGS); 12 Dec, 1, Moitaka SP (RGS).
- Masked Lapwing *Vanellus miles*
31 Oct, several feeding with cattle in the Markham Valley, Mor (GS).
- Grey Plover *Pluvialis squatarola*
15 Oct, 21, Hisiu Beach (NW).
- Eastern Golden Plover *Pluvialis fulva*
2 Oct, c. 20, Goroka airport, EHP (IB); 15 Oct, 3, Hisiu Beach (NW). Present on UPNG playing fields throughout this period with numbers peaking at 77 on 4 Nov and c. 80 on 2 Dec (IB).
- Little Ringed Plover *Charadrius dubius*
24 Nov, 1, Arau village, Cen (IB).
- Mongolian Plover *Charadrius mongolus*
8 Oct, 2, Moitaka SP (IB); 12 Nov, 1 (and 1 dead), Moitaka SP (IB); 19 Nov, 7, Kankas (RGS); 4 Dec, 1, Kankas (RGS).
- Large Sand-Plover *Charadrius leschenaultii*
26 Dec, 1, Yule I (RGS).
- Oriental Plover *Charadrius veredus*
One adult present on UPNG playing fields 26 Oct - 26 Nov, joined by an immature from 7 - 15 Nov (IB *et al.*).
- Ruddy Turnstone *Arenaria interpres*
15 Oct, 5, Hisiu Beach (NW); 24 Dec, 2, Hisiu Beach (RH); 26 Dec, 5, Yule I (RGS).
- Whimbrel *Numenius phaeopus*
15 Oct, 21, Hisiu Beach (NW).
- Little Curlew *Numenius minutus*
19 Oct, 12+, Jackson's airport (CE); 22 Oct, 1, Magarida airstrip, Cen (IB); 29 Oct, 2, UPNG playing fields (IB); 31 Oct, 1, UPNG playing fields (IB); 6 Nov, 7, Jackson's airport (IB); 7 Nov, 16, UPNG playing fields (IB); 8 Nov, 1, Moitaka SP (IB); 12 Nov, 4, Moitaka SP (IB).
- Grey-tailed Tattler *Tringa brevipes*
15 Oct, 4, Hisiu Beach (NW).
- Wandering Tattler *Tringa incana*
15 Oct, 1, Hisiu Beach (NW).
- Wood Sandpiper *Tringa glareola*
One or two at Moitaka SP from 13 Oct to 10 Nov (IB).
- Common Sandpiper *Tringa hypoleucos*
15 Oct, 18, Hisiu Beach (NW).
- Common Greenshank *Tringa nebularia*
15 Oct, 1, Hisiu Beach (NW); 12 Nov & 15 Nov, 1, Moitaka SP (IB); 24 Dec, 1, Yule I (RGS). Fewer records than previous years.
- Marsh Sandpiper *Tringa stagnatilis*
Present at Moitaka SP from 13 Oct to 15 Nov, with a maximum of 4 on 20 Oct (IB, RGS); Juvs present on 29 & 31 Oct (IB); 22 Dec, 1, Moitaka SP (RGS).
- Terek Sandpiper *Tringaterk*
24 Dec, 1, Hisiu Beach (RH).
- Latham's Snipe *Gallinago hardwickii*
6 Oct, 3, Moitaka SP, first of southward migration (RGS).
- Swinhoe's Snipe *Gallinago megala*
6 Oct - 29 Nov, 1 - 4, Moitaka SP, probably this species (IB).
- Asian Dowitcher *Limnodromus semipalmatus*
1 at Moitaka SP from 8 - 12 Nov (IB *et al.*). Only the third record of this species in PNG.
- Black-tailed Godwit *Limosa limosa*
Present at Moitaka SP throughout this period, peaking at 32 on 12 Nov (IB).
- Bar-tailed Godwit *Limosa lapponica*
15 Oct, 4, Hisiu Beach (NW).

Sharp-tailed Sandpiper	<i>Calidris acuminata</i>
15 Oct, 8, Hisiu Beach (NW). Present at Moitaka SP throughout this period, peaking at 170 on 31 Nov (IB); 8 trapped, 15 Nov (IB).	
Pectoral Sandpiper	<i>Calidris melanotos</i>
20 Oct, 2; 27 Oct, 2; 29 Oct, 1; 31 Oct, 2; 3 Nov, 1; all at Moitaka SP (IB).	
Red-necked Stint	<i>Calidris ruficollis</i>
15 Oct, c. 157, Hisiu Beach (NW). Present at Moitaka SP throughout this period with a maximum of 11, 18 Nov (IB <i>et al.</i>). Numbers lower than recent years?	
Curlew Sandpiper	<i>Calidris ferruginea</i>
Present at Moitaka SP from 8 Nov - 8 Dec (IB <i>et al.</i>) with a maximum of 3 on 8 Dec (RH); 2 trapped on 15 Nov (IB),	
Whiskered Tern	<i>Chlidonias hybridus</i>
Numbers at Moitaka SP decreasing from c. 100 on 6 Oct to 2 on 15 Nov (IB).	
White-winged Black Tern	<i>Chlidonias leucopterus</i>
13 - 29 Oct, 1; 3 Nov, 2, Moitaka SP (IB).	
Gull-billed Tern	<i>Gelochelidon nitotica</i>
6 Oct, 5, Moitaka SP (RGS).	
Lesser Crested Tern	<i>Sterna bengalensis</i>
8 Oct, 1, outer reef nr Port Moresby (RGS).	
Emerald Ground-Dove	<i>Chalcophaps indica</i>
11 Dec, 1, Motupore I (IB).	
Stephan's Ground-Dove	<i>Chalcophaps stephani</i>
23 Oct, 1, King Bird Tree (CE).	
Cinnamon Ground-Dove	<i>Gallicolumba rufigula</i>
6 Nov, 1, Koiari Rd (IB).	
Bronze Ground-Dove	<i>Gallicolumba beccarii</i>
15 Oct, 1, trapped, Myola, Oro (IB).	
Orange-fronted Fruit-Dove	<i>Ptilinopus aurantiifrons</i>
2 Oct, 4, Yule I (RGS); 26 Dec, 20, Yule I (RGS).	
Superb Fruit-Dove	<i>Ptilinopus superbus</i>
30 Oct, 1 male, Varirata NP (CE); 19 Nov, 1 male and female, Varirata NP (CE).	
Coroneted Fruit-Dove	<i>Ptilinopus coronulatus</i>
1 Oct, 5+, feeding in a fruiting tree, King Bird Tree (CE).	
Beautiful Fruit-Dove	<i>Ptilinopus pulchellus</i>
22 Nov, 3, nr Laua Village, Cen (IB).	
Dwarf Fruit-Dove	<i>Ptilinopus nanus</i>
1 Oct, 20+, feeding in fruiting tree, King Bird Tree (CE).	
Purple-tailed Imperial Pigeon	<i>Ducula rufigaster</i>
1 Oct, 1, King Bird Tree (CE).	
Pied Imperial Pigeon	<i>Ducula bicolor</i>
1 Oct, 1, Aroa (RGS); 13 Dec, 3, UPNG (IB); 24 Dec, 1, Aroa (RGS).	
Papuan Mountain Pigeon	<i>Gymnophaps albertisii</i>
10 Dec, 16, Varirata NP (RGS).	
Dusky Lory	<i>Pseudeos fuscata</i>
20 Nov, 2+, King Bird Tree (CE).	
Western Black-capped Lory	<i>Lorius lory</i>
10 Dec, 3, Varirata NP (RGS).	

Pygmy Lorikeet	<i>Charmosyna wilhelminae</i>
15 Oct, 3, Myola, Oro (IB); 6 Nov, Madilogo (IB). First two records of this species for a while.	
Little Red Lorikeet	<i>Charmosyna pulchella</i>
6 Nov, c. 30, Madilogo (IB).	
Papuan Lorikeet	<i>Charmosyna papou</i>
15 Oct, 4, Myola, Oro (IB).	
Plum-faced Lorikeet	<i>Oreopsittacus arfaki</i>
16 Oct, 1 & 17 Oct, 3, Myola, Oro (IB).	
Orange-billed Lorikeet	<i>Neopsittacus pullicauda</i>
16 Oct, 5, Myola, Oro (IB).	
Palm Cockatoo	<i>Probosciger aterrimus</i>
21 Nov, 3, Laua village, Cen (IB).	
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>
16 Oct, several groups of 2 - 9 birds seemed to all along the Labu - Markham Rd, Mor. They are often conspicuous in this area, in noisy screeching parties (GS); 18 Dec, 2, Kupiano, Cen (RGS).	
Buff-faced Pygmy-Parrot	<i>Micropsitta pusio</i>
6 Nov, Madilogo (IB).	
Eclectus Parrot	<i>Eclectus roratus</i>
30 Oct, 17, Mumeng, Mor (RGS); 24 Dec, 1, Paukama (RGS).	
Vulturine Parrot	<i>Psittrichas fulgidus</i>
2 Oct, a pair flying over the road and one perched briefly, Gawam Rd, Mor (GS).	
Oriental Cuckoo	<i>Cuculus saturatus</i>
19 Nov, 1, Boundary trail, Varirata NP (CE); 11 Dec, 1, Varirata NP (RGS).	
Brush Cuckoo	<i>Cacomantis variolosus</i>
30 Nov, 6, UPNG (IB).	
White-crowned Koel	<i>Caliechthrus leucolophus</i>
30 Oct, 1, Gare's Lookout, Varirata NP (CE).	
Common Koel	<i>Eudynamis scolopacea</i>
20 Nov, 1, King Bird Tree (CE).	
Channel-billed Cuckoo	<i>Scythrops novaehollandiae</i>
29 Oct, 1, Oxbow (NW); 26 Dec, 1, Yule I (RGS).	
Barn Owl	<i>Tyto alba</i>
Three road killed birds: 11 Nov, 1, Magi Highway, 8 km from Port Moresby; 17 Dec, 1, Tahira; 24 Dec, 1, Aroa (all RGS).	
Sooty Owl	<i>Tyto tenebricosa</i>
14 - 16 Oct, heard pre-dawn and at dusk, Myola, Oro (IB).	
Papuan Frogmouth	<i>Podargus papuensis</i>
19 Nov, 1 road kill, Kankas (RGS); 20 Nov, 1 on nest, Magi Highway/Hula junction (RGS).	
Owlet-Nightjar sp.	<i>Aegotheles</i> sp.
19 Nov, 1 flushed from tree, Boundary trail, Varirata NP (CE).	
Barred Owlet-Nightjar	<i>Aegotheles bennettii</i>
1 Oct, 1 flushed from tree hollow, King Bird Tree (CE, NW).	
Mountain Owlet-Nightjar	<i>Aegotheles albertisii</i>
14 Oct, 1 trapped and re-trapped, 16 Oct, Myola, Oro (IB).	
Large-tailed Nightjar	<i>Caprimulgus macrurus</i>
30 Oct, 1, Gares Lookout trail, Varirata NP (CE); 11 Dec, 1, Varirata NP (RGS).	
Moustached Tree-Swift	<i>Hemiprocne mystacea</i>
6 Nov, 2, Madilogo (IB); 21 Nov, 1, nr Laua village, Cen (IB).	

Mountain Swiftlet 3 Oct, 80, Mumeng, Mor (RGS).	<i>Collocalia hirundinacea</i>	Yellow-eyed Cuckoo-Shrike 6 Nov, 3, Madilogo (IB).	<i>Coracina lineata</i>
Papuan Spine-tailed Swift 6 Nov, Madilogo (IB).	<i>Mearnsia novaeguineae</i>	Black-bellied Cuckoo-Shrike 6 Nov, 1 male, Madilogo (IB).	<i>Coracina montana</i>
White-throated Needletail 6 Nov, c. 40, Madilogo (IB).	<i>Hirundapus caudacutus</i>	Long-tailed Shrike 1 Oct, 1, Mt Gahavisuka, EHP (IB).	<i>Lanius schach</i>
Paradise-Kingfisher sp. 22 Dec, 1, flying around NSRC at UPNG and into windows. Later seen perched in a tree but half an hour later had gone (HFH).	<i>Tanysiptera sp</i>	Island Thrush 15 Oct, 2, Myola, Oro (IB).	<i>Turdus poliocephalus</i>
Common Paradise-Kingfisher 20 Nov, 1, King Bird Tree (CE).	<i>Tanysiptera galatea</i>	Painted Quail-Thrush 30 Oct, pair, Circuit trail, Varirata NP (CE).	<i>Cinclosoma ajax</i>
Brown-headed Paradise-Kingfisher 30 Oct, 1, Circuit trail, Varirata NP (CE).	<i>Tanysiptera danae</i>	Chestnut-backed Jewel-babbler Heard often along the Circuit trail, Varirata NP, throughout this period (CE); 6 Nov, pair, Madilogo (IB).	<i>Ptilorrhoa castanonotus</i>
Hook-billed Kingfisher 22 Nov, 2 heard, nr Laua village, Cen (IB).	<i>Melidora macrorrhina</i>	Lesser Melampitta 14 Oct, 1, Myola, Oro (IB).	<i>Melampitta lugubris</i>
Shovel-billed Kingfisher 21 Nov, 1 heard, nr Laua village, Cen (IB).	<i>Clytoceyx rex</i>	Blue-capped Ifrita 15 Oct, 1 trapped, Myola, Oro (IB).	<i>Ifrita kowaldi</i>
Rufous-bellied Kookaburra 11 Oct, 2, Varirata NP (RGS).	<i>Dacelo gaudichaud</i>	Orange-crowned Fairy-Wren 16 Oct, 2, Myola, Oro (IB).	<i>Chytomyias insignis</i>
Forest Kingfisher 10 Dec, 1, Varirata NP (RGS).	<i>Halcyon macleayii</i>	Mountain Mouse-Warbler 15 Oct, 2 trapped, Myola, Oro (IB).	<i>Crateroscelis robusta</i>
Collared Kingfisher 1 Oct, 2, Paukama (RGS).	<i>Halcyon chloris</i>	Pale-billed Scrub-Wren 30 Oct & 19 Nov, 2+, Boundary trail, Varirata NP (CE).	<i>Sericornis spilodera</i>
Little Kingfisher 1 Oct, 1, Oxbow (CE).	<i>Alcedopusilla</i>	Papuan Scrub-Wren 15 Oct, 1 trapped, Myola, Oro (IB).	<i>Sericornis papuensis</i>
Azure Kingfisher 1 Oct, 1, Oxbow (CE).	<i>Alcedo azurea</i>	New Guinea Thornbill 28 Oct, Lake Omha, Oro (BC).	<i>Acanthizamura</i>
Blue-tailed Bee-eater 4 Oct, 6, Nadzab, Mor (RGS).	<i>Merops philippinus</i>	Fairy Gerygone 11 Dec, 1, Varirata NP (RGS).	<i>Gerygone palpebrosa</i>
Dollarbird 11 Dec, 1, Varirata NP (RGS); 26 Dec, 1, Yule I (RGS).	<i>Eurystomus orientalis</i>	Black Thicket-Fantail 9 Oct, 1, Varirata NP (RGS); 6 Nov, 1, Varirata NP (CE).	<i>Rhipidura maculipectus</i>
Blyth's Hornbill 22 Oct, 7, nr Magarida, Cen (IB); 20 - 24 Nov, 10 - 20 daily, nr Laua village, Cen (IB).	<i>Rhyticeros plicatus</i>	Black-faced Monarch 11 Dec, 1 juv, Varirata NP (RGS).	<i>Monarcha melanopsis</i>
Blue-breasted Pitta Heard regularly throughout this period at the King Bird Tree (CE); 6 Nov, heard, Koiari Rd (IB).	<i>Pitta erythrogaster</i>	Black-winged Monarch 11 Dec, 2, Varirata NP (RGS).	<i>Monarcha frater</i>
Hooded Pitta Heard regularly throughout this period at the King Bird Tree (CE).	<i>Pitta sordida</i>	Spot-winged Monarch 11 Dec, 1, Varirata NP (RGS).	<i>Monarcha guttula</i>
Singing Bushlark 3 Oct, 2, Mumeng, Mor (RGS).	<i>Mirafra javanica</i>	Frilled Monarch 20 Nov, pair nesting, King Bird Tree (CE); 11 Dec, 1, Varirata NP (RGS).	<i>Arses telescopthalmus</i>
Barn Swallow 24 Dec, 1, Kanosia Lagoon (RH).	<i>Hirundo rustica</i>	Satin Flycatcher 9 Oct, 3 & 11 Dec, 2, Varirata NP (RGS).	<i>Myiagra cyanoleuca</i>
Red-rumped Swallow 24 Dec, at least 1, Kanosia Lagoon (RH).	<i>Hirundo daurica</i>	Shining Flycatcher 7 - 8 Oct, pair trapped, Motupore I (IB).	<i>Myiagra alecto</i>
Grey Wagtail 23 Nov, 1, nr Arau village, Cen (IB).	<i>Motacilla cinerea</i>	Yellow-breasted Boatbill 30 Oct, 1 female, Boundary trail, Varirata NP	<i>Machaerirhynchus flaviventer</i>
Stout-billed Cuckoo-Shrike 6 Nov, 1, male, Madilogo (IB).	<i>Coracina caeruleogrisea</i>	Torrent Flycatcher 6 Nov, 2, Koiari Rd (IB); 23 Nov, 1, nr Arau village, Cen (IB).	<i>Monachella muelleriana</i>

REVIEW

WHERE TO FIND BIRDS IN AUSTRALIA

BY JOHN BRANSBURY

Hutchinson Australia, Melbourne, 1987. 539 pages, 15 maps

16 composite plates.

This book represents a huge effort by the author in amassing a wealth of information on the location of Australian birds. It is undoubtedly one of the most valuable books for the birdwatcher in Australia ever to have been produced. It deals with individual states, presenting accounts of worthwhile birdwatching localities in travelling order. The accurate maps are an essential component of the book adding perspective to any planned trip. A list of "specialities" is given for each location along with information on access, camping, accommodation and transport. Snippets of local history, botany and places of scenic interest are included, conveying the author's obvious appreciation and concern for the environment.

There is a list of further reading for those wishing to pursue local knowledge more deeply, and the index cross-references species with localities. My only criticism is of the composite colour plates where some rather small pictures of birds seem unnecessary. I also wonder if the soft cover and binding will stand up to harsh field conditions and frequent use.

John Bransbury is to be congratulated on producing a first class work, guaranteed to increase the pleasure and petrol consumption of any serious travelling birdwatcher in Australia.

Ian Burrows

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