

KALIMANTAN BIRD REPORT 2

compiled by D.A. Holmes

Kalimantan records in E&G have already been incorporated into the Indonesian Checklist (Andrew 1992). Frequent reference is also made to van Balen & Prentice (this issue), which discusses the Barito basin of South Kalimantan, and which is referred to here as B&P, to Laman *et al.* (1996) for records from Gunung Palling National Park in the west, here referred to as L.G&L, and also to Yus Rusila Noor & Enis Widianarti Hanafia (Rusila & Enis 1995) with reference to Muara Kendawangan here referred

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Mountains and Pulau Laut in the SE of Kalimantan, van Balen (in press) for records from Danau Sentarum in the west, and Sözer & van der Heijden (1997) for discussion on the White-shouldered *Tibis*.

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coast, presumably as a result of changes in land use in the interior, which may be having a beneficial effect in terms of available food resources. The presence of some 2,000 3,000 terns and 1,000 waders on the tidal flats fronting Cemara Lebat, just east of the Kapuas mouth, on 11 12 October 1995, suggests that the south coast would justify more extensive surveys. Other areas awaiting survey are the waterbird breeding colonies on the Mahakam Lakes (Gönner, in prep.), and "Danau Burung" in Tanjung Puting (Galdikas *et al.* 1985), which is apparently very difficult to reach.

The compiler gratefully acknowledges all the individuals listed below who have submitted their records, and several of whom have freely entered into correspondence, particularly Bas van Balen and Geoffrey Davison, Tim Lamman, and Christian Gönner who has made available his draft paper entitled Birds of Lake Jempang and the Middle Mahakam Area, which is the result of (so far) five extended periods of survey between 1988 and 1997 totalling up to 21 or 22 months in the region (Gönner, in prep.).

Individuals

SvB	Basvan Balen	HK	Heikki Korpelainen
GD	Geoffrey Davison	JMk	John MacKinnon
RE/AMG	Roland Eve & Anne Marie Guigue	EM	Eric Meijaard
DE	D.A. Ewbank	JMe	Jörg Meiss
GF	Gabriella Frederiksson	VN	V. Nijman
CG	Christian Gönner	CP	Crawford Prentice
WG	WimGiesen	SP	Soren Petersen
DH	DerekHolmes	RS	Resit Sözer
HKa	HansKalisch	TL	TimLaman
BK	Ben King	EW	Enis Widjanarti Hanafia

Abbreviations for references

B&P	van Balen & Prentice (1997)
E&G	Eve & Guigue (1989)
H&B	Holmes & Burton (1987)
L, G & L	Laman, Gaither & Lukas (1996)
R & E	Y. Rusila Noor & Enis W. Hanafia (1995)

The reader is also referred to papers on Kalimantan birds by Bohap & Galdikas (1987), Nash & Nash (1988), Prieme & Heegaard (1988), and Wilkinson *et al.* (1991), as well as shorter items by Rice (1989) on the Fruithunter *Chlamydochaera jefferyi*, Galdikas & King (1989) on a breeding record of

Lesser Adjutant *Leptoptilos javanicus*, and Petersen (1991) and Holmes (1991) on the White shouldered Ibis *Pseudibis davisoni*. Other short papers are listed in the References at the end of this compilation.

For the purposes of this report, the groups of islands lying south of South Kalimantan (Marabatuan, Matasiri, Kalambu) are included within the Kalimantan faunal sub province.

Red throated Little Grebe *Tachybaptus mftcollis*. **W:** 2, believed to be a pair, on a pool beside the Kapuas Palace Hotel, Pontianak, 21-23 May 1997 (R.O. Rowe *in litt.* to D.A. Holmes). While the description submitted was sufficient to identify these birds as Little Grebes, it is not known whether they were in breeding plumage [the birds were not seen during return visits on 1 June and 2 Jul]. Local people replied, without prompting, that the throat is red. *Kukila* is accepting this species on the Kalimantan list on the basis of this record [although *T. novaehollandiae* might occur (*c.* Smythies 1981)]. DH visited the site three months later but the lake had dried out in the drought.

[**Cormorant sp.** *Phalacrocorax sp.*] Two cormorants near Kendawangan (**W**), Jan 1994, were believed to be Great Cormorant *P. carbo* (R&E) based on size and white on the cheek. This species has not previously been reported from Kalimantan.

Oriental Darter *Anhinga melwiogaster*. Although moderately common locally in Kalimantan (see H&B), there were few records from the Barito swamps (**S**) in Jan 1989 (B&P), and the status requires monitoring.

Great billed Heron *Ardea sumatrana*. **E:** Surveys of the Mahakam delta during Nov 1987 recorded 12 individuals along 100 km of coastline (E&G). Also reported at Tarakan Aug 1993 (SvB) and Kutai N.P. 18 Aug 1996 (CG), and inland in the Mahakam lakes region in 1996 (RS). **W:** Reported severally at Danau Sentarum, which lies far inland, where nesting apparently also observed (see van Balen, *in press*).

Purple Heron *Ardea purpurea*. **E:** Breeding suspected at Danau Jempang where common (Gönner, *in prep.*).

Great Egret *Casmerodius albus*. **E:** E&G had few records in the Mahakam delta in May & Nov 1987, but observed one carrying a stick on Nov 19. Very common on Danau Jempang, present throughout the year and some breeding is suspected (Gönner, *in prep.*). Present in small numbers in the Barito swamps (**S**) in Jan 1989 (B&P) and at S. Teras (**C**) 20 Feb 1995 (DH).

Intermediate Egret *Egretta intermedia*. **E:** None identified in the Mahakam delta in May & Nov 1987 (E&G), but moderately common along the Mahakam inland in Nov 1989 (SP) as well as in the Barito swamps (**S**) in Jan 1989 (B&P). In contrast, Gönner (*in prep.*) has few confirmed observations from Danau Jempang.

Little Egret *Egretta garzetta*. **E**: E&G reported a single bird in the Mahakam delta in May 1987, but groups of up to 22 in Nov 1987; present in small numbers throughout the year in the Mahakam Lakes region (the yellow footed nominate race), but no evidence of breeding (Gönnner, in prep.). **C**: Two, Kuala Kapuas, 20 Feb 1995, with yellow feet (DH). **W**: At least 10, Kendawangan, Jan 1994 (R&E). Incidental evidence of breeding provided by B&P, and see also Galdikas *et al.* (1985).

Chinese Egret *Egretta eulophotes*. **E**: In or near the Mahakam delta, 2 at Pulau Jawa on Nov 19 and 1 at Senipah on 23–25 Nov 1987 (E&G); one near Teluk Kaba, Kutai NP, 19 Oct 1996 (CG), and one captive bird seen in the Mahakam lakes region (Gönnner, in prep.).

Reef Egret *Egretta sacra*. **E**: The commonest egret encountered in the Mahakam delta in May & Nov 1987, but the total was only 14 in May and 40 in Nov (all but 2 were white phase) (E&G). Also reported inland in the Mahakam lakes region 1996 (RS), undated (*cf.* record from Muara Wahau in H&B).

Cattle Egret *Bubulcus ibis*. DH has very few records from Kalimantan, and it is not common in the Mahakam Lakes region (Gönnner, in prep.), but B&P found the species rather common in the Barito swamps (**S**) in Jan 1989.

Javan Pond heron *Ardeola speciosa*. **E**: abundant on Mahakam lakes where at least 5000 pairs breed (Gönnner, in prep.). **S**: Very common in the Barito swamps in Jan 1989 (B&P).

Black crowned Night heron *Nycticorax nycticorax*. This is something of a mystery bird in Kalimantan. The only recent records are: **E**: Mahakam Lakes (three records, Oct–Nov 1993 and 1996, of 1 to 3 adults, Gönnner, in prep.), also reported by RS; **S**: an immature bird kept as a pet in the Barito swamps, although its origin is not known (B&P); and **W**: one adult in the mangroves of the Sungai Membuluh, Muara Kendawangan, Jan 1994 (R&E). See Galdikas *et al.* for evidence of breeding at Tanjung Puting (1985).

Yellow Bittern *Ixobrychus sinensis*. Further evidence of over-summering birds (see H&B, Lansdown 1987) is provided by **E**: one on 7 Jul 1993 and two on 10 Jul 1993 on Danau Jempang, although to date immatures have been observed only during Nov–Dec (Gönnner, in prep.), and **S**: one at Amuntai 4 Jul 1995 (DH).

Schrenck's Bittern *Ixobrychus eurhythmus*. Previously known from Kalimantan from just 3 specimens, a fourth was reported from Barito Ulu (**C**) by van Balen *et al.* (1994).

Black Bittern *Ixobrychus flavicollis*. There is now substantial evidence that this species is present throughout the year, although it is not known whether one or more populations are involved, and closer studies are required. Evidence of breeding is sought. The following records refer to the northern summer period: **E**: birds observed in 'tens' on the Mahakam lakes in July 1995 (DE); observed throughout the year on Danau Jempang but with the highest numbers in July (Gönnner, in prep.); **S**: 5 separate birds seen making prolonged flights over the swamp south of Amuntai early on 4 Jul 1995

(DH). CG comments that low water levels during July may have concentrated the species, leading to an impression of higher numbers, but he also observed three greyish black individuals on 5 Mar 1997, the date of a substantial arrival of Whiskered Terns of austral origin.

Storm's Stork *Ciconia stormi*. See Hood (1995) for the first recorded sighting of this species from **W**, at Danau Sentarum, with several subsequent sightings (van Balen, in press), ones and twos along **S**. Kubu late 1992 and 9 Jul 1997 (**EW**), many records from Gunung Palung (L,G&L), and a single bird in mangroves at Sungai Membuluh, near Muara Kendawangan, Jan 1994 (R&E). **E**: Since 1992, records of single birds or pairs in the Mahakam region above the lakes Gönner (in prep.) and RS, and in Kayan Mentarang (SvB and VN). **C**: DH failed to see this stork during journeys up the Kahayan and Rungan rivers where K. Burton reported it previously (H&B), but saw one *ca.* 20 km north of Kuala Kapuas beside the Kapuas river on 21 Aug 1997.

Lesser Adjutant *Leptotilos javanicus*. **E**: In the Mahakam delta, a total of 29 was recorded from aerial surveys in Nov 1987 (E&G). Also reported between Samarinda and Bontang Aug 1990 (SvB, HKa, JMe) and Tarakan Jan Feb 1992 (SvB). Recorded at the Mahakam Lakes 24 Nov 1989 (SP) and in Jan and May 1996 (RS), where Gönner (in prep.) estimates a population of 20 pairs at Danau Jempang, but has observed as many as 190 in soaring flight in Aug 1996.

S: Encountered in small numbers throughout the Barito swamps in Jan 1989 (see B&P), and a total of 28 soaring over Danau Panggang in three flocks on 12 Jan 1995 (GD). 3 between Pagatan and Batulicin 25 Jun 1994 (HK). **C**: 11 soaring above Cemara Lebat, 22 Feb 1995 (DH). **W**: Two records of single birds from Muara Kendawangan, Jan 1994 (R&E) and one record of two from Gunung Palung (L,G&L).

White shouldered Ibis *Pseudibis davisoni*. All recent information on this species is presented in Sözer & van der Heijden (1997).

Osprey *Pandion haliaetus*. **E**: One individual observed commonly at Handil in the Mahakam delta, Nov 1987, with a second at Senipah (E&G); one on coast of Kutai, 30 Jul 1990 (SvB); two winter observations from Danau Jempang (Gönner, in prep.) and along the Ratah river in Jan and Mar 1996 (RS). Three in Kayan Mentarang, Feb 1992 (SvB). The July record is significant (see Smythies 3rd ed. 1981).

Black Kite *Milvus migrans*. **E**: one flying south along the coast at Balikpapan, 21 Dec 1996 (CG) is the first record for Kalimantan. It was observed at a range of 30–50m for about 3 minutes, and identified by forked tail, buoyant flight in winds over the sea, pale patch at base of primaries, and as a sub-adult by all dark appearance including head.

Jerdon's Baza *Aviceda jerdoni*. **E**: Reported at Wanariset, Jun 1987 (RE/AMG). **C**: 1, Tewah, 16 Jan 1992 (DH). **W**: reported at Danau Sentarum (van Balen, in press) and Gunung Palung (L,G&L).

Bat Hawk *Macheiramphus alcinus*. **E**: one 16–17 Mar 1996 at headwaters of Ratah River (RS). **S**: Several records of one or two birds at dusk near the Gunung Liang bat caves, Kintap, Apr–Aug 1994

(HK).

Black winged Kite *Elanus caeruleus*. Described as widespread and common by H&B, it is significant to record that during a journey through wide regions of East, Central and South Kalimantan during April 1996, only two birds were definitely seen, near Pleihari (S), although they were still recorded as common in the Kapuas region in Feb 1995 (DH), and also in the Barito swamps in Jan 1995 (GD). It seems possible that populations are, declining in areas of more extensive cultivation.

Brahminy Kite *Haliastur indus*. Reported as being notably common in the Banjarmasin, Martapura, Amuntai, Kuala Kapuas, Palangkaraya and Pontianak areas (several observers), a refreshing change from its near extirpation from Java.

White bellied Sea eagle *Haliaeetus leucogaster*. Inland records: **E**: moderately common along the Mahakam river at least as far inland as Muara Pahu, Nov 1989 (SP), present throughout theyear at Danau Jempang where possibly up to 5 pairs breed (Gönnér, in prep.). **S**: one near Negara on 21 Jan 1989 where a probable nest was seen and later 2 imm. observed (SvB, CP); one on the Riam Kanan lake 17 Aug 1994 (HK); nest observed at Barabai on the Barito, July 1995 (DE).

Lesser Fish eagle *Ichthyophaga humilis*. **E**: one Long Bia, Aug 1993 (SvB), and often observed S. Ohong near Danau Jempang (CG); several records in the Mahakam region above the lakes Dec 1995 Jun 1996 (RS), and from Kayan Mentarang (SvB). **S**: one along the Langsat river, Kintap, 21 Apr 1994 (HK). **W**: also observed Danau Sentarum (van Balen, in press).

Grey headed Fish eagle *Ichthyophaga ichthyaetus*. **E**: Mahakam lakes region, 1 at Rukon Damai, and 1 Danau Lempong, Nov 1989 (SP), another near Muara Pahu on 14 Apr 1996 (DH), many observations Danau Jempang area (CG), and observed along the Ratah river Masr 1996 (RS). **S**: Widely observed in the Barito swamps in Jan 1989 (B&P). **W**: observed Danau Sentarum (van Balen, in press).

[**Eastern Marsh harrier** *Circus spilonotus*]. One, Tanjung Selor (**E**) on 26 Mar 1996 (SvB). The report on this bird was lost in the post and therefore received late. The record is still under review.

Japanese Sparrow hawk *Accipiter gularis*. **S**: the following observations are of birds on migration (GD): 1 south ofPulau Laut, moving south west, presumably heading towards the island of Marabatuan, 14 Oct 1996; 5 (3 singly and 2 together) flying between the islands ofMatasirih and Kalambu, between 14.00 and 15.00 on 15 Oct 1996; 2 individuals at 11.45 and 15.00 over Marabatuan Island, 16 Oct 1996; 2 observed separately between 11.30 and 12.00 on 19 Oct 1996 moving south at Danau Riam Kanan.

Besra *Accipiter virgatus*. **E**: The first records for Kalimantan are reported by van Balen (this issue).

Black Eagle *Ictinaetus malayensis*. **E**: Reported from the Samarinda Bontang road, Aug 1990 (SvB, HKa, JMe) and from Kayan Mentarang (SvB).

Rufous bellied Eagle *Hieraetus kienerii*. **E**: Reported at Wanariset, Jun 1987 (RE/AMG), Samarinda Bontang road, Aug 1990 (SvB, HKa, JMe); severally from Kayan Mentarang (SvB); one at Kutai 31 Jul 1990 (SvB); one 'caught by a dog' along the upper Mahakam 20 Jan 1996 was later released (RS). See also Wilkinson *et al.* (1991).

Changeable Hawk eagle *Spizaetus cirrhatus*. **E**: Observed in riverine forest in the Mahakam delta (E&G), also Wanariset (RE/AMG), and seen daily in the Barito swamps (**S**) in Jan 1989, with a record of a family group (B&P). Both S. van Balen (in B&P) and Gönner (in prep.) comment that dark phase birds predominate.

Wallace's Hawk eagle *Spizaetus nanus*. **E**: Reported between Samarinda and Bontang, Aug 1990 (SvB, HKa, JMe). **W**: Observed Danau Sentarum (van Balen, in press) and Gunung Palung (L, G&L).

Black thighed Falconet *Microhierax fringillarius*. **E**: breeding record juvenile being fed, near Tanjung Isuy, Jun 1988 (Gönner, in prep.).

[**Oriental Hobby** *Falco severus*]. **S**: 2 hobbies observed silhouetted at height chasing swifts, Kintap, 4 Apr 1994 (HK), were presumed to be this species, although neither Eurasian Hobby *F. subbuteo* nor Australian Hobby *F. longipennis* can be eliminated.

Peregrine Falcon *Falco peregrinus*. **E**: The first record for Kalimantan was of a single bird hunting waders in the Mahakam delta on 27 Nov 1987; it was assumed to be a winter visitor (E&G); one 7 Apr 1996 and one (*callous*) 31 Jan 1997 Danau Jempang (CG). **S**: One probable in the Barito swamps 15 Jan 1989 (B&P).

Wandering Whistling duck *Dendrocygna arcuata*. **E**: Abundant in the Mahakam Lakes region, with flocks of up to 750 observed and reported to breed (Gönner, in prep.); present in the Mahakam delta in May 1987 (none in Nov 1987), with a flock of 64 (E&G). **S**: Common in the Barito swamps in Jan 1989, with flocks of up to 250 (B&P). **C**: At least 200 resting in the Kapuas river near Cemara Lebat, 12 Oct 1995. **W**: up to 50 on a pool beside the Kapuas Palace Hotel, Pontianak, 1 Jun 1997 (R.O. Rowe *per* D.A. Holmes) is the first record from this province; numbers had increased to *ca.* 100 by 2 Jul, on which day they were observed to depart (none were present here in late August, by which time the pool had dried up DH). There have been no confirmed recent reports of Lesser Whistling duck *D. javanica*, although suspected at both the Mahakam and Barito locations.

Cotton Pygmy Goose *Nettapus coromandelianus*. See B&P for observations in the Barito swamps (**S**).

Sunda Teal *Anas gibberifrons*. **E:** The first record in Borneo is of up to 70 in a region of tambaks at Pulau Jawa, Mahakam delta, 24 May 1987, with at least 50 observed there on several other dates in May and again Nov; pairs were often encountered perching in trees, but there was no observed or reported evidence of breeding (E&G). Other records: S 6 probables at Danau Panggang on 14 Jan 1989 (B&P), 2 at Pulau Kembang (Banjarmasin) 30 Jul 1989 (JM); C: 3 at Sei Teras, 20 Feb 1995 (DH), and 3 or more at Cemara Lebat, 12 Oct 1995 (DH).

Pacific Black Duck *Anas superciliosa*. **E:** The first record in Borneo is of 5 on 23 Nov 1987 (4 the following day) on a small freshwater pond at Senipah, Mahakam delta region (E&G).

Garganey *Anas querquedula*. **E:** 20 Danau Jempang 31 Feb 1996, with 2 on 14 Oct 1996 (CG). **S:** see B&P for records of single individuals in the Barito swamps, Jan 1989.

Black Partridge *Melanoperdix nigra*. **W:** present Gunung Palung (L,G&L). Also reported from Kayan Mentarang (**E**) (Pupung Nurwatha per SvB) but confirmation awaited.

Crimson headed Partridge *Haematortyx sanguiniceps*. **E:** Tape recorded in Kayan Mentarang in Aug 1993 (SvB).

Crestless Fireback *Lophura erythrophthalma*. Both this species and the next have been recorded at Tanjung Puling National Park (**C**) (BK) and Gunung Palung (**W**) (L,G&L).

Crested Fireback *Lophura ignita*. **E:** Reported Tanjung Selor and Kayan Mentarang, Aug 1993 (SvB); see also under previous species.

Bulwer's Pheasant *Lophura bulweri*. **E:** Reported from Kayan Mentarang (see Balen and Nurwatha in prep.).

Great Argus *Argusianus argus*. **S:** Present Pleihara Martapura, Jan 1989 (SvB, CP) (note that no records are listed for South Kalimantan in H&B)

Slaty breasted Rail *Gallirallus striatus*. **S:** None encountered by SvB in the Barito swamps, Jan 1989 (B&CP), *contra* H&B, but it should be observed that birds recorded in the area in 1974 by DH were most often in dry *along dicing* grassland, which was probably a habitat not studied by SvB. **W:** One record from Muara Kendawangan, Jan 1994 (R&E).

Watercock *Gallinula cinerea*. **S:** A total of 13 sightings in the Barito swamps in Jan 1989 (B&P).

Common Moorhen *Gallinula chloropus*. **E:** seen regularly Danau Jempang (max. 115 on 2 Oct 1993), juvenile observed 13 Sep 1996 (Gönnner, in prep.). Three birds at a small damsite near Melak, 14 Apr 1996, indicates presence on small remote bodies of water (DH). CG failed to identify Dusky Moorhen

G. tenehrosa despite intensive searches.

Purple Swamphen *Porphyrio porphyrio*. New provincial records **E**: very common in the Mahakam Lakes region but status not determined (Gönner, in prep.); many in captivity in 1996 (RS). **C**: a locally captured bird at Kandui, 23 Apr 1996, had been taken in small nearby ricefields. **W**: 1 on pool beside Kapuas Palace Hotel, Pontianak, 1 Jun 1997 (R.O. Roweper D.A. Holmes).

Comb crested Jacana *Irediparra gallinacea*. **S**: Locally common in the Barito swamps area in Jan 1989, with evidence of breeding (see B&P). The status of this bird in Kalimantan requires monitoring, as this appears to be an isolated population, in an area where the human population pressure is intense. It is apparently only a vagrant to the Mahakam Lakes, with just two records, in Sept 1996: 3 on Danau Siran and 2 on Danau Semayang (Gönner, in prep.).

Grey Plover *Pluvialis squatarola*. **E**: 12 birds in May 1987 and 123 the following Nov in the Mahakam delta apparently constitute the first records of this species for Kalimantan (E&G); single birds Danau Jempang 8 Oct 1993 and 19 Oct 1996 (CG). **W**: Present Muara Kendawangan Jan 1994 (R&E).

Little Ringed Plover *Charadrius dubius*. **E**: Total of ca. 57 in the Mahakam delta in Nov 1987 (E&G). Early date: 1, Pontianak airport (**W**), 5 Aug 1994 (HK). See also next species.

Kentish Plover *Charadrius alexandrinus*. **E**: Parties of 7 and 11 in Nov 1987 in the Mahakam delta region constitute the first records for Kalimantan (E&G). See also B&P for an inland record (**S**), and R&E for record from Muara Kendawangan (**W**).

Malaysian Plover *Charadrius peronii*. 2 at Senipah, Mahakam delta region, 28 29 May 1987, constitute the first record for Kalimantan (E&G); 2 moulting birds at Teluk Kaba, Kutai NP, 19 Oct 1996 (CG).

Lesser Sand plover *Charadrius mongolus*. **E**: Present together with Greater *C. leschenaultii* in both May and Nov 1987 (E&G), the first records for Kalimantan.

Far Eastern Curlew *Numenius madagascariensis*. **E**: A total of 31 in May 1987 and 70 in Nov 1987 in the Mahakam delta constitute the first records for Kalimantan (E&G); more common than Whimbrel *N. phaeopus*, and by contrast only 3 and 1 Eurasian Curlew *N. arquata* were encountered in the respective months. One, Danau Jempang, 11 Sep 1993 (CG).

Black tailed Godwit *Limosa limosa*. **E**: One in a flock of the next species at Senipah, Mahakam delta region, 28 May 1987 (E&G). See also R&E for record from Muara Kendawangan (**W**).

Bar tailed Godwit *Limosa lapponica*. **E**: In the Mahakam delta, totals of up to 33 on 28 29 May 1987 and 234 in Nov 1987 (one flock of 143) constitute the first records for Kalimantan (E&G); one, Danau Jempang, 8 Oct 1993 (CG). **C**: One Cemara Lebat coast, 22 Feb 1995 (DH).

Common Redshank *Tringa totanus*. **E**: The commonest wader in the Mahakam delta in Nov 1987 with a maximum count of 388 at Senipah (E&G). **C**: Some 1000 waders at Cemara Lebat, 11 Oct 1995, included *inter alia* this species, *Tringa nebularia*, *Numenius arquata* and *N. phaeopus*.

Marsh Sandpiper *Tringa stagnatilis*. **E**: Present in small numbers in the Mahakam delta region in May and Nov 1987 (E&G), and a few records from Danau Jempang, Sep Oct 1993 (CG).

Common Greenshank *Tringa nebularia*. **E**: Present in small numbers in the Mahakam delta region in May and Nov 1987 (E&G), with a flock of 38 at Senipah in Nov.

Green Sandpiper *Tringa ochropus*. **E**: 1, Mahakam delta, 21 Nov 1987, is the first record for Kalimantan (E&G); usually present in small numbers Danau Jempang Sep Oct, earliest record 1 Aug 1993 (CG).

Wood Sandpiper *Tringa glareola*. Early dates **E**: 1, Lake Jempang, 25 Jul 1995 (CO); **W**: 1, Pontianak airport, 3 Aug 1994 (HK).

Terek Sandpiper *Xenus cinereus*. **E**: maximum counts in the Mahakam delta are 64 in May 1987 and 117 in Nov 1987 (E&G).

Common Sandpiper *Actitis hypoleucos*. Early dates **E**: 4 Aug 1993 (CG); **W**: 1, Pontianak airport, 5 Aug 1994 (HK). **C**: Panics of 7 on the Rungan river on 20 Apr 1996 and 7 flying upstream along the Barito at Montallat (near Muara Teweh) on 23 Apr were preparing for northward migration (DH); similar groups were also observed in Kayan Mentarang in March and April (SvB).

Grey tailed Tattler *Heteroscelus brevipes*. **E**: In the Mahakam delta region, 10 on 28 May and 3 in Nov 1987 (E&G) are the first records for Kalimantan; 35 in mangrove trees at high tide, Teluk Kaba, Kutai NP, 20 Oct 1996 (CG).

Ruddy Turnstone *Arenaria interpres*. **E**: Small numbers observed in Nov 1987 (none in May) in Mahakam delta (E&G).

Great Knot *Calidris tenuirostris*. **E**: A flock of 164 at Muara Ulu, Mahakam delta, 29 Nov 1987, constitutes the first record for Kalimantan (E&G); 1, Danau Jempang, 17 Oct 1993 (CG).

Red Knot *Calidris canutus*. **E**: 1 at Senipah near the Mahakam delta in Nov 1987 (E&G) constitutes only the second record for Kalimantan (see H&B).

Sanderling *Calidris alba*. **E**: 4 at Senipah in Nov 1987 (E&G) constitute the first record for Kalimantan.

Rufous necked Stint *Calidris ruficollis*. **E:** Common in the Mahakam delta in May and Nov 1987 (E&G), being the commonest species of wader in May (80 at Senipah on 29 May) and second only to Common Redshank in Nov (maximum count of 250 at Senipah). These constitute the first record for Kalimantan. Also 75, Danau Jempang, 13 Oct 1993 (CG).

Long toed Stint *Calidris subminuta*. **E:** Very few individuals in the Mahakam delta region in Nov 1987 (E&G), constitute the first records for Kalimantan.

Curlew Sandpiper *Calidris ferruginea*. **E:** 2 at Senipah on 30 May 1987 and a total of 25 in the Mahakam delta region in Nov (E&G) constitute the first records for Kalimantan.

Broad billed Sandpiper *Limicola falcinellus*. **E:** 1 at Senipah on 29 May 1987 and a total of 30 in the Mahakam delta region in Nov (E&G) constitute the first records for Kalimantan.

Red necked Phalarope *Phalaropus lobatus*. **E:** Danau Jempang, one each on 13 and 19 Oct 1993 and 9 and 12 Oct 1996 (CG).

Whiskered Tern *Chlidonias hybridus*. Both nominate northern migrants and austral migrants (*javanicus*) are expected to occur. H&B reported large numbers of presumed *javanicus* in the Barito region (S) in late Nov 1978. **E:** Gönner (in prep.) reports that Whiskered Terns are present on Danau Jempang throughout the year, greatly exceeding White winged Terns in numbers, with clear evidence of both northern and southern migrants; a full analysis will be presented following ongoing surveys. On peak days, the total population may reach 4000. In the Mahakam delta, this species was identified only on 27 Nov 1987, with none in May (E&G). On 11-14 Apr 1996, a total of some 60 along the Mahakam between Kota Bangun and Muara Pahu were all in or approaching basic plumage (DH). **S:** See next species for Jan 1989 records in the Barito swamps. 5 at Alabio Polder 6 Jul 1995 (DH) were presumably *javanicus*. Some 2000-3000 terns were present on the mudflats fronting Cemara Lebat and adjacent Kapuas river mouth on 11-12 Oct 1995, including the following species: *C. hybridus*, *S. bergii*, *S. hirundo*, and *S. albifrons*, with probably the latter two species the most common (DH).

White winged Tern *Chlidonias leucopterus*. **E:** Small numbers present in the Mahakam delta region at the end of May 1987 (some in breeding plumage), with further observations in late Nov (E&G). **S:** Common in the Barito swamps in Jan 1989 (B&P) together with the previous species.

Gull billed Tern *Gelochelidon nilotica*. **E:** Moderately common in the Mahakam delta in May and Nov 1987 with 146 counted on 29 Nov (E&G).

Common Tern *Sterna hirundo*. **E:** Common in the Mahakam delta in May and Nov 1987 (E&G). Also present Cemara Lebat (C) Oct 1995 (DH - see under Whiskered Tern).

Roseate Tern *Sterna dougallii*. **E:** An adult at Senipah in the Mahakam Delta on 24 Nov 1987 roosting on a sandbar with Common Terns (E&G) is the first record for Kalimantan. See also Davison (this

issue) for record from Pulau Laut.

Little Tern *Sterna albifrons*. **E**: Out of a flock of ca. 1,000 terns off the Mahakam delta on 31 May 1987, >500 comprised Little Terns (E&G). Gönner (in prep.) has confirmed that significant numbers breed in the Mahakam Lakes, with birds (in breeding plumage) present mainly between June and November. Also present Cemara Lebat (C) Oct 1995 (DH see under Whiskered Tern). Common at times on Danau Sentarum (W) (van Balen, in press).

Great Crested Tern *Sterna bergii*.

Lesser Crested Tern *Sterna bengalensis*. **E**: Both species encountered commonly in the Mahakam delta May and Nov 1987 (E&G). 2 Great Crested, in breeding plumage, on Danau Jempang, 13 Feb 1997, may have been brought inland during a preceding period of strong winds (Gönner, in prep). Great Crested also present Cemara Lebat (C) Oct 1995 (DH see under Whiskered Tern).

Large Green Pigeon *Treron capellei*. Present Kutai region (E), Jul Aug 1990 (SvB, HK & JMe), and Gunung Palung (W) (L,G&L).

Cinnamon headed Green Pigeon *Treron fulvicollis*. **S**: Rather common in the wooded areas of the Barito swamps in Jan 1989 (see B&P), especially in *Melaleuca* woodland (SvB, CP); also at Danau Sentarum (W), although not listed for Gunung Palung (L,G&L). The inclusion of this species on the "near threatened" list in *Birds to watch 2* (Collar *et al.*) is considered unnecessary.

Mountain Imperial Pigeon *Ducula badia*. **S**: See Davison (this issue) for records from the Muratus Mountains. Common in Kayan Mentarang (E) (SvB).

Pied Imperial Pigeon *Ducula bicolor*. **W**: A single bird at S. Membuluh, Muara Kendawangan, Jan 1994 (R&E). **S**: At least 6 on Pulau Matasirih, 15 Oct 1996 (GD), also reported to occur on Pulau Marabatuan.

Little Cuckoo dove *Macropygia ruficeps*. **S**: See Davison (this issue) for records from the Muratus Mountains. Present Kayan Mentarang (E) (SvB).

Red breasted Parakeet *Psittaculus alexandrinus*. **S**: H&B note that this species was "not common" in the Barito region and it seems likely that this population is declining and at risk. Only two wild birds were observed in the Barito swamps in Jan 1989 (B&P). **C**: 3 at S. Teras in relict gelam forest 20 Feb 1995 (DH). **W**: A group of 5 at S. Blaban, Muara Kendawangan (W), Jan 1994 (R&E), is a major extension of known range.

Long tailed Parakeet *Psittacula longicauda*. A roosting flock of "several thousands" in the Barito

swamps (S) in Jan 1989 (B&P) is notable.

Chestnut winged Cuckoo *Clamator coromandus*. **E**: 1, Ohong river (Danau Jempang), 7 Mar 1997 (CG).

Large Hawk cuckoo *Cuculus sparverioides*. **E,S**: The first records for Kalimantan are recorded by van Balen (this issue) and Davison (this issue).

Moustached Hawk cuckoo *Cuculus vagans*. **E**: One seen, Tanjung Selor Aug 1993, possibly a migrant bird, and voice records from Kayan Mentarang in March (SvB).

Oriental Cuckoo *Cuculus saturatus*. **S**: See Davison (this issue) for records from the Muratus Mountains, also reported from Kayan Mentarang (**E**) (SvB).

Plaintive Cuckoo *Cacomantis merulinus*. Encountered commonly in well wooded habitats in **E** and **C** lowlands, in habitats that in Java or Sumatra would generally be occupied by Rusty breasted Cuckoo, Apr 1996 (DH).

Rusty breasted Cuckoo *Cacomantis sepulcralis*. As noted in H&B, this species may be confined to hilly terrain in Kalimantan. For example, SvB recorded three individuals above Long Bia (**E**), 28 Mar 1996, at about 300 m altitude, and it is present in Kayan Mentarang. The only lowland record received was of a calling immature in secondary scrub along a logging road near Tanjung Isuy (**E**) on 21 Feb 1997 (CG).

Bronze cuckoo *Chrysococcyx* sp. Holmes & Burton (1987) note that bronze cuckoos in the 'malayanus' group are common in East and South Kalimantan, but Parker (1981) has determined that Little Bronze cuckoo *C. minulillus* and Gould's Bronze cuckoo *C. russatus* are apparently sympatric in Kalimantan. Further research is needed, with emphasis on vocalizations. Rather few recent records: one sighting in the Mahakam Delta (**E**), in mangrove, 1987 (E&G), not uncommon in the Barito region (**S**) in Jan 1989 (B&P), present Danau Sentarum (**W**) July August (named as *C. minutillus*, van Balen, in press).

Asian Koel *Eudynamis scolopacea*. Smythies (1981) describes the Koel as a winter migrant to islands and adjacent areas of the mainland only. The following records are from the interior 2 males sighted near Tanjung Isuy (**E**), 16 Feb 1997 (CG), and Gunung Palung (**W**) where it was reported to have been heard commonly (TL); the latter records were undated but might indicate resident status.

Raffles' Malkoha *Rhinortha chlorophaea*. Present Pleihari Martapura, Jan 1989 (SvB, CP) (note that no records are listed for South Kalimantan in H&B).

Red billed Malkoha *Zanclotomus javanicus*. **E**: Breeding record Kayan Mentarang Feb 1992 (SvB).

Bornean Ground cuckoo *Carpococcyx radiceus*. **E**: Described as a 'widespread and common though

secretive species in primary and secondary lowland forests' in the upper Mahakam region by RS, with the following records (all 1996): 2 trapped birds along Kahala river (tributary of Danau Semayang) on 4 Jan, calls heard regularly along the Mahakam and Ratah rivers Jan Jul and again Nov, with a trapped bird seen 7 Nov. Local names: *mamik babui*, *manuk babi*, *bubut juhung*, *bubut tanah*, *kebahon vavui*. Calls described as 'boot boooooo, boot boooooo' or 'tok terrr'. **W**: Several sightings from Gunung Palung during 1994 and 1995 (L.G&L), described in Laman *et al.* (this issue).

Large Frogmouth *Batrachostomus auritus*. Tape recorded in Kutai, Jul Aug 1990 and also Kayan Mentarang (**E**) (SvB); reported Gunung Palung (**W**) (L.G&L), with a dying individual picked up on 24 Oct 1987 and a pair flushed (one bird photographed) on 13 Jun 1995 (TL).

Pale headed Frogmouth *Batrachostomus polioloophus*. **S**: See Davison (this issue) for a record from the Muratus Mountains, also reported from Kayan Mentarang (**E**) (SvB).

Javan Frogmouth *Batrachostomus javensis* **E**: Present Kayan Mentarang Feb 1992 (SvB).

Mountain Scopsowl *Otus spilocephalus*. **E**: The first records from Kalimantan are reported by van Balen (this issue).

Large tailed Nightjar *Caprimulgus macrurus*. **S**: The first record for Kalimantan by DH was of a bird calling briefly (at 08.00 hrs) at Simpang Empat, 27 Km north of Martapura, 4 Jul 1995. This site was only some 10 km from the Benuang region where the observer spent three weeks in Dec 1974 without encountering this species. B&P reported only one sighting in the Barito region, Jan 1989. DH failed to hear it in suitable habitat at Kandui (**C**), Apr 1996. It would appear that the species is either very thinly spread in Kalimantan, or very local in distribution (see H&B).

Savanna Nightjar *Caprimulgus affinis*. *contra* H&B, this species is common in the Barito region (**S**), with records from near Kuala Kapuas (**C**) 20 Feb and 13 Oct 1995, as well as many records in Jul 1995 from Banjarmasin town, Amuntai town and the deep swamps of the Amuntai region (DH). B&P described it as locally abundant in the Barito swamps region. **E**: Elsewhere it has been reported as common at Senipah, south of the Mahakam Delta, and also at Wanariset, in 1987 (E&G) and Danau Jempang (CG).

Bonaparte's Nightjar *Caprimulgus concretus*. Reported from Danau Sentarum region (van Balen, in press).

Fork tailed Swift *Apus pacificus*. **C**: 7 flying west along the south coast at Cemara Lebat 22 Feb 1995, and several at Kuala Kapuas, 13 Oct 1995 (DH) (see also Davison, this issue, for record from Pulau Laut).

Little Swift *Apus affinis*. As noted by H&B, this species seems to be very well established in

Kalimantan, and more widely distributed than in any other region of Indonesia (being somewhat local in distribution in both Java and Sumatra); notably common in towns and sometimes small villages throughout Kalimantan (several observers). Attending nests in downtown Pontianak late August 1997 (DH).

Cinnamon rumped Trogon *Harpactes orrhophaeus*. **E**: Recorded at Wanariset, Jun 1987 (RE/AMG), a notably low elevation for this species.

Whitehead's Trogon *Harpactes whiteheadi*. **E**: The first records from Kalimantan and Indonesia are reported by van Balen (this issue).

Blue banded Kingfisher *Alcedo euryzona*. Few records **E**: Danau Jempang, 27 June 1988 (CG), Muara Wahau region, 14 July 1995 (DE), and Kayan Mentarang (SvB); **S**: Kintap, 17 Jun 1994 (HK); **W**: Gunung Palung (L,G&L).

Stork billed Kingfisher *Pelargopsis capensis*. Along the Palangkaraya Kasongan road (**C**), this species resembles *H. smymensis* in its acquired habit of perching on roadside telegraph wires in very open (wet) terrain, Apr 1996 (DH).

Ruddy Kingfisher *Halcyon coromanda*. Inland record two birds calling in riverine rubber jungle at Buntok (**C**), 17 Mar 1997 (DH). Buntok lies 200 km from the sea up the Barito river.

Black capped Kingfisher *Halcyon pileata*. Two recent records, Barito region (**S**), 23 Jan 1989 (B&P), and Muara Kendawangan (**W**), Jan 1994 (R&E). Recent observers in Kalimantan have not reported the abundance implied by Smythies (1981), except SvB (Kayan Mentarang) and RS (regular records along the Ratah river from Feb to June 1996 details are required of the late dates).

Sacred Kingfisher *Halcyon sancta*. **E**: Recorded in the Mahakam delta in late May 1987, with a total of 3 birds, but none in Nov (E&G); one at Teluk Kaba, Kutai, 29 Jul 1990 (SvB, HK, JMe); three records from Danau Jempang, Sep 1993 and 1996, also 3 Teluk Kaba, 16 Aug 1996 (CG). **S**: 1 at Kintap observed 17 May 17 June 1994 (HK); 1 at Amuntai 7 Jul 1995 (DH); 2 separate individuals near Pleihari (**S**) 30 Apr 1996 (DH). These records would indicate that the species is probably an annual visitor to the south east quadrant of Kalimantan in some numbers, and it should now be sought elsewhere in the region.

Blue tailed Bee eater *Merops philippinus*. **E**: A roost of > 1000 (1024 counted) in *Avicennia* mangrove in the Mahakam delta on 24 Nov 1987 (E&G). **S**: GD comments that only Blue tailed were encountered in the Barito swamps during Jan 1995, but that the few scattered individuals at Loksado (Muratus mountains) and on Pulau Laut during Oct 1996 were Blue throated *M. viridis*. See also B&P for a report of thousands of bee eaters' (not specifically identified) over the Barito swamps (**S**) in early August.

Wrinkled Hornbill *Rhyticeros corrugatus*. **S**: Present Pleihari Martapura Jan 1989 (SvB, CP) (note that no records are listed for South Kalimantan in H&B), and roosting flights of up to 75 birds in Feb-Mar 1997 near Danau Jempang (Gönner, in prep.).

The scarcity of hornbills in southern and central Kalimantan is a source of concern. B&P encountered very few, Asian Pied Hornbill *Anthracoceros albirostris* only, in the Barito swamps in Jan 1989, while DH encountered only two of the same species, and no other hornbill, on a six day visit from Palangkaraya by river up to Tewah (**C**) in Jan 1992. Hunting is likely to be the cause for this decline. In contrast RS encountered most species regularly except *Berenicornis comatus* in the upper Mahakam region in 1996.

Mountain Barbet *Megalaima monticola*. **S**: See Davison (this issue) for records from the Muratus Mountains. Also present Kayan Mentarang (**E**) (SvB).

Golden naped Barbet *Megalaima pulcherrima*. **E**: The first records from Kalimantan are reported by van Balen (this issue).

Black throated Barbet *Megalaima eximia*. **E**: Present Kayan Mentarang (SvB).

Malaysian Honeyguide *Indicator archipelagus*. **W**: Seen and trapped Danau Sentarum (per van Balen in press).

Speckled Piculet *Picumnus innominatus* **E**. One observed well at **S**. Wain, 13 Oct 1994 (GF), a lowland site far from possible source mountains.

Rufous Piculet *Sasia abnormis*. **E**: Reported Kutai, Jul-Aug 1990, Long Bia, Aug 1993 and Kayan Mentarang severally (SvB), and **W**: Gunung Palung (L, G&L).

Grey capped Woodpecker *Dendrocopos canicapillus*. Whereas the Brown capped Woodpecker *D. moluccensis* occurs widely in the coastal lowlands such as the Mahakam delta (**E**) (E&G), the Barito swamps (**S**) (SvB, CP) and Kuala Kapuas region (**C**) (DH), this species apparently replaced it in the undulating to rolling forest margins of Wanariset (**E**), Jun 1987 (RE/AMG). SvB failed to find *canicapillus* in the Barito swamps in Jan 1989,

Greater Goldenback *Chrysocolaptes lucidus*. **E**: Common locally in mangroves in the Mahakam delta in May and Nov 1987 (E&G), the first records for Kalimantan.

Black and red Broadbill *Cymbirhynchus macrorhynchus*. **E**: one on nest, above Long Bia, 20 Apr 1996 (SvB).

Whitehead's Broadbill *Calyptomena whiteheadi*. **E**: van Balen (this issue) confirms the presence of this species in Kalimantan.

Hose's Broadbill *Calypotomena hosii*. **E**: Present Kayan Mentarang Sep 1993 (SvB).

Giant Pitta *Pitta caerulea*. **W**: One record, Gunung Palung, 2 May 1987 (David Lukas/w TL).

Banded Pitta *Pitta guajana*. **E**: Several records from Kayan Mentarang (SvB).

Garnet Pitta *Pitta granatina*. **E**: Reported Kutai, Jul Aug 1990, Long Bia, Aug 1993, and Kayan Mentarang (SvB), S. Wain (GF), and a total of six voice records near Tanjung Isuy (CG); **W**: present at Gunung Palung (L,G&L).

Blue banded Pitta *Pitta arquata*. Reported from Kayan Mentarang (**E**) (SvB); and Gunung Palung (**W**) (L,G&L).

Blue headed Pitta *Pitta baudii*. **E**: Reported Kutai (**E**), Jul Aug 1990, and Kayan Mentarang (**E**) (SvB); and Gunung Palung (**W**) (L,G&L).

Hooded Pitta *Pitta sordida*. The only recent records from Kalimantan are from secondary forest near Batumandi, Barito region (**S**), on 18 Jan 1989 (see B&P), and also reported during the same month at Pleihari Martapura (**S**) (SvB, CP), and near Danau Sentarum (**E**), 7 Apr 1994 (van Balen in press).

Blue winged Pitta *Pitta moluccensis*. **E**: Present Kayan Mentarang Apr 1996 (SvB). **S**: One probable voice record (see B&P), and a freshly caught, probably sick bird was seen beside the Tabalong river north of Tanjung, 24 Apr 1996 (DH). Its status in Borneo still remains enigmatic (see also Wilkinson *et al.* 1991).

[**Red rumped Swallow** *Hirundo 'daurica'*]. One individual near Handil in the Mahakam Delta (**E**) in May 1987 (date not available) (E&G) is the first record for this species group from Kalimantan. No details are available on which taxon was involved, whether migrant *daurica*, or *striolata* which occurs in Java and the Philippines and is presumed resident (although this latter taxon has been suspected in Sabah, see Smythies 1981). A second record is of one individual at Danau Riam Kanan (**S**) on 19 Oct 1996 (GD), likewise not specifically identified although the rump was notably pale, while the pale underparts were only lightly marked.

Common Swallow *Hirundo rustica*. Already present at downtown roosts in Pontianak in tens of thousands on 26 Aug 1997, arriving each evening precisely at 17.55 18.00 hrs (DH).

Singing Bush lark *Mirafra javanica*. Apart from one record at Pontianak (**W**), there are no records of this species other than from Banjarmasin airport area (**S**) (H&B, also 1994 HK). 1 at Pangkoh Transmigration Settlement (**C**) on 19 Feb 1995 (DH) is therefore of interest.

Richard's Pipit *Anthus novaeseelandiae*. **C**: 1 at Palangkaraya airport 21 Aug 1991 (DH) appears to be a first for Central Kalimantan. **E**: Also reported Tanjung Selor and Long Bia, Aug 1993 (SvB).

Bar bellied Cuckoo shrike *Coracina striata*. Recorded at Wanariset (E), June 1987 (RE/AMG), and at Kasongan (C), 21 Apr 1996 (DH).

Lesser Cuckoo shrike *Coracina fimbriata*. Recorded at Wanariset (E), June 1987 (RE/AMG), Kayan Mentarang (E) (SvB), and common in the peatswamp forests of the Barito region (C) Jan 1989 (B&P).

Grey chinned Minivet *Pericrocotus Solaris*. E: The first records from Kalimantan are reported by van Balen (this issue).

Straw headed Bulbul *Pycnonotus zeylanicus*. Very few records of this increasingly rare and perhaps now critically endangered species, which was so common two decades ago E: Kutai, Jul Aug 1990 (SvB), four records along the Kayan river above Long Bia, 28 Mar 1996 and in Kayan Mentarang (SvB), locally still common in the upper Mahakam river 1996 (RS). However, the species is still being trapped in these regions. W: single bird, Muara Kendawangan, Jan 1994 (R&E), and Danau Sentarum (van Balen, in press). See also Wilkinson *et al.* (1991) for records from C.

Black and white Bulbul *Pycnonotus melanoleucos*. Present Kayan Mentarang (E) (SvB) and Gunung Palung (W) (L,G&L).

Scaly breasted Bulbul *Pycnonotus squamatus*. Present Kayan Mentarang (E) (SvB) and Gunung Palung (W) (L,G&L).

Grey bellied Bulbul *Pycnonotus cyanoventris*. E: Present Kayan Mentarang, also observed Kutai (SvB). W: Present in swamp forest, Muara Kendawangan, Jan 1994 (R&E), also Gunung Palung (L,G&L).

Sooty headed Bulbul *Pycnonotus aurigaster*. E: Four at Tarakan, 15 Aug 1993 (SvB), assumed feral (previously recorded only at Palangkaraya, H&B, where still present Mar 1997 DH). Several birds in the dry country around Pleihari (S), 30 Apr 1996 (DH).

Flavescent Bulbul *Pycnonotus flavescens*. E: The first records from Kalimantan are reported by van Balen (this issue).

Finsch's Bulbul *Criniger finschii*. W: Present Gunung Palung (L,G&L).

Ochraceous Bulbul *Criniger ochracevs*. S: See Davison (this issue) for records from the Muratus Mountains.

Grey cheeked Bulbul *Criniger bres*. S: See Davison (this issue) for records from the Muratus

Mountains.

Yellow bellied Bulbul *Criniger phaeocephalus*. **S**: See Davison (this issue) for records from up to 1650 m the Muratus Mountains.

Hook billed Bulbul *Setornis criniger*. **W**: Present Gunung Palung in swamp forest (L,G&L).

Blue winged Leafbird *Chloropsis cochinchinensis*. **E**: van Balen (this issue) reports the presence in Kayan Mentarang of birds apparently belonging to the Bornean montane endemic taxon *flavocincta*, considered by some authorities as a distinct species; this would be the first record of this taxon in Kalimantan.

Asian Fairy Bluebird *Irena puella*. **S**: See Davison (this issue) for montane records from the Muratus Mountains.

Long tailed Shrike *Lanius schach*. Notably common in parts of the south, for example one bird or a pair was encountered approximately every 100m of road through cultivated terrain near Kuala Kapuas (C), Oct 1995 (DH). The sub species resident in this region has yet to be named (Mees 1966). Presently known limits are Kmnai river (H&B), Palangkaraya and Muara Teweh (C), and Samarinda and Melak (E), Apr 1996.

Bornean Bristlehead *Pityriasis gymnocephala*. Observed Sungai Sebangar (E), Aug 1995 (EM), and reported to be common at Wanariset (E) (EM, FG). Also reported frequently from lowland forest at Gunung Palung (W), with some observations from above 800 m (TL), and Danau Sentarum (W) (van Balen in press).

White browed Shortwing *Brachypteryx montana*. **E**: The first records from Kalimantan are reported by van Balen (this issue).

Oriental Magpie robin *Copsychus saularis*. The black bellied *C. s. pluto* occurs at least as far west as the Kuala Kapuas region (Sei Teras, Cemara Lebat, C), Feb & Oct 1995 (DH). During Apr 1996, white bellied birds were present at Kandui (C), but the majority of captive birds in the Tanjung Kandangan region (S) had black bellies (one bird was black with slight dark grey mottling, indicative of possible hybridisation) (DH).

White crowned Forktail *Enicurus leschenaulti*. **S**: See Davison (this issue) for records from the Muratus Mountains; **W**: Gunung Palung (L,G&L).

Blue Rock thrush *Monticola solitarius*. **S**: See Davison (this issue) for the first formal record from Kalimantan (Pulau Laut).

Orange headed Thrush *Zoothera citrina*. **W**: One sighting Gunung Palung (David Lukas *per* TL), 9 Dec 1986, observed on the ground in lowland forest. This is the first record for Kalimantan.

Scaly Thrush *Zosterda dauma*. **W**: One sighting, Gunung Palung (David Lukas per TL), 15 Sep 1987, observed bathing in a stream in lowland forest. This is the first record for Kalimantan.

Temminck's Babbler *Trichastoma pyrrogenys*. **S**: See Davison (this issue) for records from the Muratus Mountains. **E**: Present Kayan Mentarang (SvB).

White chested Babbler *Trichastoma rostratum*. **S**: Rather common in the Barito swamp region, Jan 1989 (B&P). **E**: Also recorded in the Mahakam delta and at Wanariset in 1987 (RE/AMG).

Horsdeld's Babbler *Trichastoma sepiarium*. Reported from Kayan Mentarang (**E**) (SvB), from Barito Ulu (**C**) at 120.950m (Wilkinson *et al.* 1991), and Gunung Palung (**W**) (L,G&L). The song of this species is distinctive, yet it has been reported from only three locations in recent years, implying that it is either very local in distribution, or restricted to the hills (this is *contra* Smythies 1981, although Smythies (1957) quotes records on Mt. Penrissen, Sarawak, "from 2,000 ft upwards"). However, the Gunung Palung records are from swamp and lowland forest, where netted on 11 occasions (Gaither 1994, and David Lukitsper TL).

Abbott's Babbler *Trichastoma abbotti*. In view of the species' apparent localized distribution in Borneo (Witt & Sheldon 1994), it is useful to continue recording every observation. Recorded at Wanariset (**E**), Jun 1987 (RE/AMG); 1 probable near Batumandi (**S**), Jan 1989 (B&P); 1 heard in alluvial scrub forest opposite Pulau Pisau (Kuala Kapuas, **C**) 18 Feb 1995 giving a five note song (DH).

Grey breasted Babbler *Malacopteron albogulare*. **W**: Present Gunung Palung (L,G&L).

Bornean Wren babbler *Ptilocichla leucogrammica*. Present Kayan Mentarang (**E**) (SvB) and Gunung Palung (**W**) (L,G&L).

Striped Wren babbler *Kenopia striata*. **E**: Recorded at Wanariset, Jun 1987 (RE/AMG) and Kayan Mentarang (SvB).

Grey throated Babbler *Stachyris nigriceps*. **S**: See Davison (this issue) for records from the Muratus Mountains; also present Kayan Mentarang (**E**) (SvB) and on Gunung Palung (**W**) (L,G&L).

Chestnut rumped Babbler *Stachyris maculata*. Present Pulau Kembang (Banjarmasin), Jan 1989 (SvB, CP) (note that no records are listed for South Kalimantan in H&B).

Sunda Laughing thrush *Garrulax palliatus*. **E**: Present Kayan Mentarang (SvB).

Chestnut capped Laughing thrush *Garrulax mitratus*. **S**: See Davison (this issue) for records from the Muratus Mountains. Also present Kayan Mentarang (**E**) (SvB).

White browed Shrike babbler *Pteruthius flaviscapis*. **S**: See Davison (this issue) for records from

the Muratus Mountains. Also present Kayan Mentarang (E) (SvB).

Chestnut crested Yuhina *Yuhina everetti*. **W:** Present on the upper slopes of Gunung Palung (L,G&L), a major extension of known range. The records were all above 500 m, but mainly both above and below the moss forest boundary which occurs here at *ca.* 800 m (TL).

White bellied Yuhina *Yuhina zantholeuca*. **E:** Recorded at Wanariset, Jun 1987 and 5 Dec 1987 (RE/AMG), another lowland location (*cf.* Smythies 1981). Also recorded in the hills of Kayan Mentarang, Aug 1993 (E) (SvB), on Pulau Laut (S) (GD), and Gunung Palung (W) (L,G&L).

Sunda Bush warbler *Cettia vulcania*. The first records from Kalimantan are reported by van Balen (this issue).

Pallas's Warbler *Locustella certhiola*. **E:** 1, Tanjung Selor, 26 Mar 1996 (SvB) appears to be the first record for the province.

Clamorous Reed warbler *Acrocephalus stentoreus*. See B&P for a discussion of this species and *orientalis* in the Barito region (S). H&B commented that all reports of singing *Acrocephalus* were coincidentally during the Nov-Apr period. Singing birds in the Amuntai-Alabio region on 4 Jul 1995 (DH) are likely to be *stentoreus*. Seen well near Pontianak (W) Mar-Apr 1994, confirmed by orange-yellow gape, lack of streaks on breast (SvB); this appears to be a substantial extension of known range in Kalimantan.

[**Golden headed Cisticola** *Cisticola exilis*]. Attention is drawn to the need for further data on this mystery species in Kalimantan, presently known from only one record, at Pontianak (W) in 1976 (Harvey & Holmes 1976). Its distribution and presumed expansion in range requires to be documented. It should be sought in the breeding season in dryland cropping areas around Pontianak airport (DH failed to hear the species in this region during the drought and smoke haze of late August 1996).

Mountain Tailorbird *Orthotomus cuculatus*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Mountain Leaf warbler *Phylloscopus trivirgatus*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Yellow breasted Warbler *Seicercus montis*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Yellow bellied Warbler *Abroscopus superciliaris*. **S:** See Davison (this issue) for records from the Muratus Mountains.

White browed Rhinomyias *Rhinomyias gularis*. **E,S:** The first records from Kalimantan are reported by van Balen (this issue) and Davison (this issue).

Dark sided Flycatcher *Muscicapa sibirica*. **S:** See Davison (this issue) for records from the Muratus Mountains; also recorded from Gunung Palung (L,G&L).

Asian Brown Flycatcher *Muscicapa dawrica*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Verditer Flycatcher *Eumyias thalassina*. Recorded in disturbed lowland forest at Wanariset (**E**), Jun 1987, but not in Dec 1987 (RE/AMG); no details available. Also reported from lowland forest at Gunung Palung (**W**), where observed once from a canopy observation post 1 Sep 1995 (TL). This is apparently a rare species in Kalimantan (Smythies 1981).

Indigo Flycatcher *Eumyias indigo*. **E:** The first records from Kalimantan are reported by van Balen (this issue).

Mugimald Flycatcher *Ficedula mugimaki*. **E:** One in mangroves on Pulau Layangan, Mahakam delta, 28 Nov 1987 (E&G) is the first record for Kalimantan.

Little Pied Flycatcher *Ficedula westermanni*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Blue and white Flycatcher *Cyanoptila cyanomelana*. **E:** 1, Tanjung Selor, 26 Mar 1997 (SvB). Smythies (1957) states that "there do not appear to be any records from E or SE Borneo".

Hill Blue Flycatcher *Cyornis banyumas*. **S:** See Davison (this issue) for records from the Muratus Mountains.

Dark Blue Flycatcher *Cyornis concretus*. **W:** Recorded in lowland forest at Gunung Palung (L,G&L), and at 350 m in Kayan Mentarang (**E**) (SvB).

Bornean Blue Flycatcher *Cyornis superbus*. **E:** Recorded in lowland forest at Wanariset, Jun 1987 and 1 Dec 1987 (RE/AMG) and along the Ohong river (near Danau Jempang) (CG). **W:** 2 records, lowland forest at Gunung Palung (**W**), 22 Dec 1986 and 12 Oct 1995 (TL). Smythies (1981) notes that there are other lowland records.

Malaysian Blue Flycatcher *Cyornis turcosus*. **W:** 2 records from Gunung Palung including one at ca. 500 m on 7 Oct 1987 (TL).

White throated Fantail *Rhipidura albicollis*. **S:** See Davison (this issue) for records from the Muratus Mountains. Also present Kayan Mentarang (**E**) (SvB).

Spotted Fantail *Rhipidura perlata*. **S:** See Davison (this issue) for records from the Muratus

Mountains. This is the only species of fantail reported at the Gunung Palung study site (**W**) (L,G&L).

Great Tit *Parus major*: **C**: A pair on a television aerial in Lupak Dalam village, Kuala Kapuas (a site where this species was reported in H&B) 22 Feb 1995 (DH), confirms that the species has adapted to man made habitats in Kalimantan as it has in Java.

Crimson breasted Flowerpecker *Prionochilus percussus*: **W**: At least five males identified as this species in Muara Kendawangan, Jan 1994 (R&E), and present Danau Sentarum (van Balen in press).

Scarlet breasted Flowerpecker *Prionochilus thoracicus*. Two males in secondary forest, Muara Kendawangan (**W**), Jan 1994 (R&E); also reported from Gunung Palung (L,G&L) and Danau Sentarum (van Balen in press).

Brown backed Flowerpecker *Dicaeum everetti*: **W**: Recorded frequently in the canopy of lowland forest at Gunung Palung (L,G&L); apparently the first record from mainland Kalimantan.

Plain Flowerpecker *Dicaeum concolor*: One young in the Barito region (**S**), Jan 1989 (B&P). Three in swamp forest at S. Blaban, Muara Kendawangan (**W**), Jan 1994 (R&E), also recorded at Gunung Palung (L,G&L), and Danau Sentarum (van Balen in press). Also listed Kutai (**E**), Jul Aug 1990 (SvB).

Black sided Flowerpecker *Dicaeum monticolum*: **S**: See Davison (this issue) for records from the Muratus Mountains. Also present Kayan Mentarang (**E**) (SvB).

Scarlet headed Flowerpecker *Dicaeum trochileum*. Very common in the Barito region (**S**) (B&P), with no evidence of the Scarlet backed *D. cruentatum* in the area. By contrast, RE/AMG encountered the latter species in the Mahakam delta and Wanariset (**E**), but CG reports both species in the region of Danau Jempang, with close observations of 2 *trochileum* at Tanjung Isuy on 29 Sep 1996 and 19 Mar 1997. The limits of the presently known range of *trochileum* were Tanjung Puting (**C**) (Nash & Nash 1988) in the west, and Amuntai (**S**) in the north, but one was seen in cleared forest near Montallat (Muara Teweh, **C**) on 23 Apr 1996 (DH), while a report of the species being present in partially cleared forest along S. Bangkul Besar, Muara Kendawangan (**W**), Jan 1994 (R&E), together with the Danau Jempang records (**E**), represent very significant extensions of known range. One at Danau Riam Kanan (**S**) on 14 Jan 1995 (GD). Further survey data are now sought to define the range and look for areas of sympatry and possible hybridisation with *cruentatum*.

Crimson Sunbird *Aethopyga siparaja*: **E**: Female with fledgling, Tanjung Selor, 26 Mar 1996 (SvB). In Gunung Palung, all records were from above *ca.* 500 m (five records), whereas the following species was observed on four occasions, both above and below this altitude.

Scarlet Sunbird *Aethopyga temminckii*. Three separate males observed in partially cleared forest

along S. Bangkul Besar, Muara Kendawangan (**W**), Jan 1994 (R&E), were identified by the bright red of the upper tail. Also present in the lowlands around Danau Sentarum (van Balen in press). These records represent a very significant extension of known altitudinal range, and further careful observations are required to determine habitat preferences of the two species. **S**: See Davison (this issue) for records from the Muratus Mountains.

Whitehead's Spiderhunter *Arachnothera juliae*. **E**: The first records from Kalimantan are reported by van Balen (this issue).

Oriental White eye *Zosterops palpebrosus*. Commonly seen in Pontianak (**W**), Jul 1993 and Apr 1994 (SvB). The greyish bellies suggested *aureivenfer* (as depicted in Smythies 1981) and certainly not the yellow bellied *melanura* as reported by Hartlaub (1865; *errors* see Mees 1954) for Pontianak (see Chasen 1935:265, under *Z. m. melanura*). In Borneo, this white eye has only been recorded from SW Sarawak, at Kuching, Santubong and Penrissen, upper Baleh (Rajang) river and South Natunas (Mees 1954, Smythies, 1957, 1981, MacKinnon & Phillipps 1994), and this appears to be the first documentation of the species from the Kalimantan mainland.

Black capped White eye *Zosterops atricapilla*. **E,S**: The first records from Kalimantan are reported by van Balen (this issue) and Davison (this issue).

Everett's White eye *Zosterops everetti*. **S**: See Davison (this issue) for records from the Muratus Mountains. Also present Kayan Mentarang (**E**) (SvB).

Javan White eye *Zosterops flavus*. **C**: Reconfirmation of presence in Kuala Kapuas region, at S. Teras, 20 Feb 1995 (DH). **W**: One record of a single bird at S. Bangkul Besar, Muara Kendawangan (**W**), Jan 1994 (R&E).

Red Avadavat *Amandava amandava*. **S**: One male clearly identified at close range in *Mimosa pigra* shrubbery on the edge of Alabio village, 9 Nov 1988 (WG). More birds apparently of the same species were present but could not be positively confirmed. This species has been recorded in Borneo only at Kota Kinabalu (Smythies 1981), but its presence in South Kalimantan is unlikely to have a natural origin.

Tawny breasted Parrot finch *Erythrura hyperythra*. **E**: The first records from Kalimantan are reported by van Balen (this issue).

Scaly breasted Munia *Lonchura punctulata*. A new sub species *holmesi* has been described by Restall (1995) for birds from Kalimantan, based on captive birds collected from the West ('Pontianak')

and South ('Banjannasin'), with the syntypes collected at Semitau (**W**). The first record of this species by a field ornithologist outside the Barito region where it was discovered (Harvey & Holmes 1976, H&B) was of two seen near Pontianak (**W**) on 28 Mar 1994 (SvB). Elsewhere, one near S. Teras (Kuala Kapuas, **C**) 20 Feb 1995 (DH) is the first record from the south outside the Barito region. [However GD has reported this species at Likas, Kota Kinabalu, Sabah].

White bellied Munia *Lonchura leucogastra*. **E**: Present Kayan Mentarang (SvB).

Cream bellied Munia *Lonchura pallidiventer*. A new species of munia has been described (Restall 1996) based on specimens received from 'somewhere in the hinterland of Banjannasin', but see van Balen (in press. *Bull. Brit. Orn. Cl.*).

Java Sparrow *Padda oryzivora*. **S**: One flock of >12 near Lampihong, 19 Jan 1989 (SvB & CP) is the only recent record (*cf.* H&B).

Tree Sparrow *Passer montanus*. Additional localities to those given in H&B (Tanjung Redeb, Samarinda, Balikpapan) are **E**; Tarakan (hundreds with *L. malacca* at roost, 3 Sep 1993), Tanjung Selor, 15-16 Aug 1993 (where it was reported to be a recent arrival) (SvB) and Bontang Aug 1990 (SvB, HKa, JM), and **W**: Semitau and Sintang in the west, Mar-Apr 1994 (SvB). Now found to occur widely in towns and villages in **E**, **C**, and **S**, Apr 1996 (DH), including Pulau Laut (see Davison, this issue). The species arrived in Kayan Mentarang between 1993 and 1996 (SvB).

Chestnut checked Starling *Sturnus philippensis*. **E**: flocks of up to 40 in Kutai, Oct 1996 (CG), but distant flocks of between 1,000 and 5,000 starlings at Danau Jempang, Jan-Feb 1997, were not identified (CG). One, Tanjung Selor, 26 Mar 1996 (SvB), but 16 starlings the same evening resembled White shouldered Starling *S. chinensis*. It is relevant to observe that neither *S. chinensis* nor *S. stuminus* have yet been recorded from Kalimantan.

Black naped Oriole *Oriolus chinensis*. Observed in both mangroves and open country in the Mahakam Delta (**E**) in June 1987, but not observed Nov 1987 (E&G); also Gunung Palung (**W**), with one record near a river in lowland forest, 2 Jan 1988 (TL). These are the only recent records of this apparently very rare species in Kalimantan (see Smythies 1987).

[**Black hooded Oriole** *Oriolus xanthomus*]. **E**: one described from S. Wain (period Apr-Jun 1994) (GF) is the only record received recently from anywhere in Indonesia, and would extend the known range in Kalimantan southwards (see Smythies 1987). It was described as having an entirely black head and yellow breast and belly, but in view of doubts concerning the status of this species, we prefer to withhold acceptance pending further confirmation.

Black and crimson Oriole *Oriolus cruentus*. E: Confirmation of the presence of this species is provided by van Balen (this issue).

[**Crow sp.** *Corvus sp.*]. S: A solitary crow was observed in free flight behind the Rahayu Hotel in Banjarbaru, on three occasions between 19 and 23 Aug 1997. Voice and habitat both recalled Thick billed Crow *C. macrorhynchos*, the species most likely to be encountered at a site so far removed from forest, but the status of this species still remains a mystery in Kalimantan.

Sunda Treepie *Dendrocitta occipitalis*. W: Two observed on Gunung Nahaloh, 1,573 m, 25 Dec 1997 (Reid, 1997).

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Grid coordinates of locations (approximate in the case of large protected areas)**West Kalimantan**

Danan Sentanun	112°05'E 0°50'N	Pontianak	109°20'E 0°02'S
Guntung Pahang	110°10'E 1°15'S	Sentitau	111°59'E 0°30'N
Guntung Nanalon	113°44'E 0°58'N	Suitang	111°30'E 0°05'N
Muara Rendawangan	110°20'E 2°45'S		

Central Kalimantan

Buntok	114°56'E 1°44'S	Lupak Balau	114°19'E 2°15'S
Cemas & Lebak	114°17'E 3°26'S	Muara Tewah	114°54'E 0°52'S
Sai Teras	114°19'E 5°16'S	Palaukataya	113°55'E 2°12'S
Kandul	115°10'E 1°00'S	Pangkoh	114°08'E 3°04'S
Kasongan	113°23'E 1°55'S	Rungau	113°40'E 1°35'E
Kuala Kapuas	114°24'E 3°00'S	Tanjung Puting	111°54'E 2°44'S
Kurmai	111°42'E 2°45'S	Tewah	113°44'E 1°02'S

South Kalimantan

Alahio	115°06'E 2°28'S	Marabahan Island	115°42'E 4°22'S
Ammatal	115°15'E 2°25'S	Martapura	114°50'E 3°24'S
Banjarmasin	114°35'E 3°19'S	Mafatih Island	115°48'E 4°47'S
Banbar	115°23'E 2°35'S	Negara	115°07'E 2°08'S
Barito Swamps	114°50'E 2°40'S	Pagatan	115°55'E 3°38'S
Bari Luyu	116°00'E 3°27'S	Pelihar	114°15'E 3°38'S
Batuhandi	115°35'E 3°25'S	Pelihar Martapura	115°10'E 3°45'S
Danan Panggang	115°06'E 2°28'S	Pulau Laut	118°10'E 3°35'S
Kalambu Island	115°09'E 4°54'S	Piara Kanau Lake	115°05'E 3°30'S
Kandangan	115°15'E 2°48'S	Tanjung	115°23'E 2°10'S
Kintap	115°12'E 3°42'S		

East Kalimantan

Bomang	117°30'E 0°08'N	Muara Pahu	116°05'E 0°20'S
Danan Jempang	116°12'E 0°25'S	Muara Wahau	116°50'E 1°03'N
Kayan Mentarang	115°45'E 2°40'N	Semamda	117°09'E 0°30'S
Kota Bangun	116°05'E 0°15'S	Sai Wan	116°42'E 1°02'S
Kutai	117°20'E 0°15'N	Tanjung Luy	116°02'E 0°30'S
LongBia	116°58'E 2°48'N	Tanjung Selor	117°27'E 2°50'N
Long Isan	115°07'E 0°01'S	Trakan	117°35'E 3°18'N
Mahakam Delta	117°25'E 0°40'S	Ujan Bulang	115°14'E 0°27'S
Mahakam Lakes	116°20'E 0°20'S	Wanasey	116°52'E 1°02'S
Melak	115°49'E 0°14'S		