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BIRDING NSW NSW FIELD ORNITHOLOGISTS CLUB Inc

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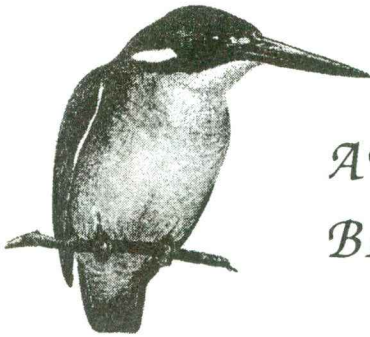
Editor Alan Morris

Production Stuart Fairbairn

Photographs. Front cover **Pied Heron** at Lake Ettamorgah, Albury NSW by Peter Merritt. Taken on 17 December 1999, second confirmed record for NSW.

Back cover **Southern Fulmar**, NSW by Eric Andrew. Taken on 19 September 1999, one of many seen off the NSW coast during the winter.

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NEW SOUTH WALES ANNUAL BIRD REPORT 1999

Alan K. Morris

40 Aston Wilde Ave Chittaway Bay NSW 2261

The thirtieth Annual Bird Report covers the period 1 January to 31 December 1999 and summarises the more significant observations of birds during that year.

The main aims of the NSW Bird Report continue to be:

To record reported observations of species accidental or rare to NSW;

To record observations which more precisely define the normal distributions of birds within NSW; and

To record observations which may indicate changes in species numbers, frequency, range and movements

The format maintains the conventions established in the 1985 Report. The Location Guide, at Appendix 2, lists all locations mentioned in the text. This guide is intended to assist readers to better determine the general location of reported observations. The production of future reports will be greatly assisted if observers provide location map references in the manner set out in the Appendix. This is more important these days, particularly if the records are to be used in the Australian Bird Atlas which commenced in August 1998. As all records submitted to the Australian Bird Atlas must contain the exact co-ordinates for

the sites in which the birds were seen, it would help if the same co-ordinates are provided when submitting records to the NSWFOC Records Officer.

Information on 461 species is contained in the 1999 Report. This information was gleaned from about 100+ sources including 361 observers from the NSWFOC, BMBO, CBOC, IBOC, MFNCN, MVBW & COG; the 100+ observers who contributed to the Annual Reports of the Central Coast Group of the FOC, Eurobodalla Natural History Society, Illawarra and Hunter Bird Observers Clubs; publications of other bird organisations and reports and messages from Birding-Aus on the Internet. The number of records and the number of observers continue to increase and the information provided is greater than before. New contributors to this report, who by the year 2000 have become well known birders include Hal Wootton & Stephen Popple. Abbreviations for these organisations are as follows: Aust. Birding = *Australian Birding*; Birdline = Telephone Info. Line for the NSW bird groups; BMBO = Blue Mountains Bird Observers Newsl; *Gang Gang* = Newsl. of the Canberra Ornith. Group; CBOC = Cumberland Bird Obs. Club Newsl.; CCBR = Central Coast Group, Birding NSW FOC Annual Report; HBOC = Hunter Bird Obs. Annual Report; HBWN = Hastings Birdwatchers newsl.; IBOC = Illawarra Bird Observers Clu, IBR = Illawarra Bird Report; MFNCN = Murrumbidgee Field Naturalists Club Newsl.; MVB = Manning Valley Birdwatchers; MVBO = Macleay Valley Bird Observers; NSWBA = NSW Bird Atlasers; NSWFOC = NSW Field Ornithologists Club; SOSSA = Southern Ocean Seabird Survey Assoc.; TBN = Tamworth Birdwatchers Nwsl.; TBO = The Bird Observer; *Wingspan* = Birds Australia Newsl. Other abbreviations used include "A" for adult, "AM" for Adult Male, and "AF" for adult female, "D" for dead or beachcast, "E" for eggs, "GC" for golf course, "HC" for heard calling, "HS" for high school, "Im" immature, "N" for nest, "Pr" for pairs, "RK" for road kill, RP for Regional Park and "RS" for railway station. Cedar Hill Drive Swamp, Minmi, an area well known to birdwatchers in the Hunter Region, had two names changes in 1999, first to Pourmalong Swamp, and then to Pambalong Swamp Nature Reserve, by which name it is referred to in this Report.

A number of unusual or otherwise significant records were received in 1999 with one new species, the Antarctic Petrel seen off Mistral Point, Maroubra on 26 July, being added to the New South Wales List. The colder than usual ocean currents in June & July may well have been the reason for the most Blue Petrel records since 1973 (9 reports of 14 birds in total), many Southern Fulmars, a Sooty Albatross (the first confirmed record since 1985) & a Light-mantled Sooty Albatross. A Pied Heron was observed and photographed at a wetland at Ettamogah near Albury in December, and was accepted as the 2nd record for NSW. There were 8 reports of Grey Falcons, including breeding records for Wanaaring and West Wyalong, being the most records for this species reported in any one year in the NSW Bird Reports. A Roseate Tern in January at Woody Head, Iluka became the 5th confirmed record for NSW while in September and October there was an influx of Black & Pied Honeyeaters in NSW, and again the number of Pied Honeyeaters

reports was the greatest since the Bird Reports commenced in 1970 and at the same time there was also an influx of Pied Honeyeaters into Victoria.

There was no major weather patterns of significance this year although cyclonic rains in southern Queensland and north-eastern NSW in late December 1998 & January 1999 brought flood rains to the Gwydir catchment and subsequent flooding to the Gingham Watercourse in January for the second consecutive year. Colder than usual ocean currents off the NSW coast in June & July would appear to have attracted a number of more southerly occurring seabirds to coastal waters south of Newcastle. Finally I am pleased to report that the number of colonial nesting egrets in the coastal colonies showed an increase, the first time in about 8 years!

The operations of Birds Australia (BARC) and the NSW Ornithological Records Appraisal Committees (NSWORAC) continue to run smoothly and assist the editors of this report in reviewing rare or erroneous records. Their assistance is greatly appreciated because of the level of credibility that is now placed on sightings of an unusual nature.

The scientific and English names used in this report follow that of the RAOU Checklist (Christidis & Boles 1994). For each species, all observations are presented in a set order that follows generally the order of Regions in the State as described by McAllan & Bruce (1988). Observations from coastal regions are listed first from north to south, followed by the tablelands, slopes and plains. Each set of observations is separated from those of other regions by semi-colons. The locations given in Appendix 2 are identified with these regions. However, in order to take account of the five annual bird reports, it is necessary in the text to refer to that section of NSW from Harrington to Lake Macquarie as the "Hunter Region", Gosford & Wyong local government areas as the "Central Coast", the County of Cumberland northwest to St Albans, Upper Colo, Bilpin and west to Springwood as "Sydney Region", the County of Camden and the Shoalhaven Shire as "Illawarra" and Eurobodalla and Bega Shires as "South Coast", as these areas co-incide with the reporting areas of their reports.

Since the preparation of this Report commenced a number of regular contributors have passed away and in particular mention must be made of S.G. (Bill) Lane whose name figures in the first report of 1970 and continues right through to the 1999 Report. Bill died on 4 January 2000 and was a close personal friend of the editor, had a great interest in the distribution of the birds in NSW and hence was a willing contributor to this Report and his contribution will be sorely missed.

Finally a plea for all those people who find dead birds, which are either difficult to identify or unusual. When such specimens are found, seek to have the specimen sent to the Australian Museum for identification. If local wildlife carer groups like WIRES are unable

to assist to have the specimen taken to the Museum, contact your local NPWS office for assistance.

ACKNOWLEDGEMENT

I would like to thank all those people who submitted their reports promptly so enabling this report to be produced on time and for Chris Chafer, Greg Clancy, Tony Bischoff and Rod Gardner who reviewed the draft. I would also like to thank Stuart Fairbairn who prepared the production and layout of this issue of the journal. For the assistance and commitment of these people, I am extremely grateful.

SYSTEMATIC LIST

Emu *Dromaius novaehollandiae* 2 Crowsnest Swamp, Coldstream 3-9 Aug, A+5Y Pillar Valley 9 Aug & 2 E of Pillar valley 11 Sep, A Iluka Golf Course 27 Nov (GC), M&F resident Shark Island, South West Rocks (KS); 2-5 Tuross throughout the year (ENHS); 3 Munghorn Gap NR 4 Apr (FOC); 5 Murphys Crossing, Lake Burragorang in woodland (CC), only known population in the Illawarra Region; 3+ nests in small area Merrigal HSD, Collie (HJ); 3 Binya SF 12 Nov (KH); 27 together near Wentworth 22 Sep (RB). The North Coast population is under consideration by the NSW Scientific Committee as an "Endangered Population".

Malleefowl *Leipoa ocellata* 1 Loughnan NR 1 Oct (NL) & 1 Taleeban Res 28 Oct (DMo), only records.

Australian Brush-turkey *Alectura lathami* Located in coastal areas and the Wattagan & Barrington Ranges in the Hunter Region with 2 at New Lambton Heights 6 Nov (HBR), an unusual location and possibly the fore runners of an urban population?; Common & resident on the Central Coast with a nesting mound at Mt Penang, a new location (CCFOC); 1 Mackerel Beach 12 Jan (DH), Im (possibly an avairy escapee?) Merrylands 1-13 Jan (ALe), 1 West Head, Kur-ringai Chase NP 19 Jun (TQ); 2 at mound, Mt Keira Track 29 Jul-6 Aug (CC); F Mt Wilson 28-31 May (ERy), 1 Dunns Swamp, Wollemi NP 28 Jun (JSe). Urban records continue to increase.

Stubble Quail *Coturnix pectoralis* Small numbers 1-2, in lower Macleay Valley Jan-Aug at Aldavilla, Millbank, Shark & Pelican Islands (KS), HC Mooraback Rest Area, Werrikimbee NP 23-36 Jan (ABi); Small numbers in the Wybong/Bunnan & Segenhoe area of the Upper Hunter, max 10+ Wybong 21 Nov (HBR); 1 Hoxton Park Jan (GT), 3 McGraths Hill STW 10 Jan (DPo), 1 Wattamolla RNP 31 Oct (TQ); 1 Killalea Lagoon 3 Jan (CB); 1 Capertee Valley 10 Jan (RT), 1 Blackheath 7 Feb (GJ); 1 McPherson Range, Narrandera 22 Jul (SC).

Brown Quail *C. ypsilophora* Common & widespread on the Central Coast, with 2A+3Y Mingara Paddock, Killarney Vale 14 Dec (CCFOC); Max 10 North Head 3 May & 15 Jul (BAy,TP), max 6 Mason Park, Concord 26 Apr-6 Oct (BAy,CSh, SF,TD); 1 Bomaderry Creek 27 Jan (KM).

King Quail *C. chinensis* No records received.

Maggie Goose *Anseranas semipalmata* Present Jabiru Wetlands Mar, Jun & Dec max 7 on 23 Jun (ABi,JH), 13+ Long Hole Lagoon, Crowsnest Swamp 11 Sep (GC); 5 Seaham Swamp NR with juveniles at Market Swamp 2 Jan & Shortland WC 19 Sep (HBR), 20 flew over Bulahdelah 26 Aug (GCp); 4 Jonee Caravan Park 19 Oct-14 Nov (MC); 7 Gingham Watercourse 26-27 Jan (RC). **Breeding:** 8 prs Narran Lake, 20 prs Macquarie Marshes & 20 prs Gwydir wetlands (Wetlands 1999).

Plumed Whistling-Duck *Dendrocygna eytoni* Max 44 Sportsman Creek 23 Mar-3 May, max 14 Alamy Creek 13 Mar-10 Apr, A+2Y Tucabia 1 May, 40 Waterview Heights 3 Jul, 50+ Roberts Ck, Woodford is 21 Jul, 10 Butterfactory Lane, Grafton 6 Aug, 200+ S of Lawrence 28 Nov, resident 150+ N of Coutts Crossing (ABi,GC), 60 Cowans Ponds 2 Apr & 9 Geneebeinga Wetlands Casino (ABi), 30+ resident Jacana HSD, Clarenza (EW); Present Doughboy Hollow Mar-Aug, max 230 on 20 Jun (HBR); 2 Pughs Lagoon 24 Mar (KB); max 300+ Lake Goran 29 Oct-12 Nov (GBo,GMi,IDo); 20+ Jonee STW 15 Oct (MC); 18 Carmel Lagoon, Terridgerie 30 Oct (DJo); 31 Fivebough Swamp 26 Oct (MS). Good spread of records.

Wandering Whistling-Duck *D. arcuata* 3A+8Y Ocean Shores, Brunswick Heads 29 Mar (RMO), 44 Sportsman Creek Weir 3 May, 4 Alamy Creek N of Grafton 23 Oct (GC); 7 Geneebeinga Wetlands, Casino 26 Jun (BC), 23 Macksville 23 Jul (KS); Present the lower Hunter Valley Jan-May & Aug-Dec, max 150 Shortland WC 22 Dec, juveniles Market Swamp 2 Jan & SWC 22 Dec (HBR); 1 Royal Bot. Gardens 31 May (SF) escapee from Zoo, 2 McGraths Hill STW 16-21 Oct (DPo,TQ). A small population continues in NSW.

Blue-billed Duck *Oxyura australis* 3 Killalea Lagoon 15 Feb (PF); 200+ Little Langothlin Lagoon mid Jan, 30 pr Dangars Lagoon, Uralla 29 Dec (JCe); 4 Quipolly Dam throughout 1999; 2 pr Gingham Watercourse 26 Jan (RC); 4 Merrigal HSD, Collie 4 Jul (HJ); Max 4 Fivebough Swamp 7 Mar-17 Oct (IH,KH), 6 Griffith STW 4 Apr (JDu). The Northern Tablelands Region remains important for the species.

Musk Duck *Biziura lobata* Resident Grahamstown Dam max 15 on 30 Apr & 6 Morpeth STW 20 Jun (HBR); Resident Central Coast at Tuggerah STW & Colongra Lake in small numbers, but also reported from Kincumber STW, Tuggerah Lakes & Tuggerah Lagoon

(CCFOC); 2+1Y Centennial Park 3 Jan (PDb), 1 Kronos Hill Pond, Homebush 20 Mar (JSe), 1 Lane Cove River, Hunters Hill 6 Apr (DH), 2 Cronulla HS Swamp 20 Jun (EV); 1 Mittagong 20 Feb (LG), max 5 Swan Lake 2 May-6 Jun (KM), 15 Killalea Lagoon 13 Jun (DG); 20 Dangars Lagoon, Uralla 29 Dec (JCe); A number of the Sydney & Illawarra sites are new locations for this species.

Freckled Duck *Stictonetta naevosa* 3 Ash Island 8 Feb (HBR); 1 Bushells Lagoon 9 Jul (JSe); 1 Killalea Lagoon 3 Jan (CC); 1 Dumaresq Dam, Armidale 1 Oct (AMi); 4 Karoo HSD, Meadow Flat 18 Jul-7 Aug (AR); 3 Jerambombera Wetlands ACT 29-30 May (CP); 1 Quipolly Dam Apr (GMi), 10 Breeza waterhole Apr (JPe); 1 Lake Cowal 7 Aug & 50 on 2 Oct (PPe); 2 Griffith STW 23-24 Jan, 25+ on 3 Apr (JDu), 2 Tharbogang STW 23 Jan (APi), 5 Fivebough Swamp 7 Mar-15 May (KH,MS), 15 Tullakool Salt Basin 29 Dec (JN); 1 on 183 Dam, Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC). Only small numbers and no clear pattern of abundance.

Black Swan *Cygnus atratus* Reported nesting in the Hunter Region every month of the year (HBR); 12 nesting events reported from the Central Coast throughout the year, highest for 5 years, present all year Tuggerah Lakes max 2628 Jan, of which 1818 were on Budgewoi Lake (CCFOC); 2000+ Lake Wollumboola 23 Jan (CC); 150-200 nesting on Fenton's Swamp, Collie 3 Jul (HJ); 21+ nests Fivebough Swamp 28 Jul, 100+ nests Bulls Run 15 Jul (MS). Average year.

Australian Shelduck *Tadorna tadornoides* Im McGraths Hill STW 17 Jan (EV); 5 Hoskins NR 22 Feb (RBo), 1 Milton 23 Jun (KM); 2 Goolloinboin HSD, Glen Davis 11 Dec (PDb); 40 Fivebough 17 Oct, low count compared to previous years (KH).

Cotton Pygmy-Goose *Nettapu coromandelianus* No records reported.

Green Pygmy-Goose *N. pulchellus* No records reported.

Pacific Black Duck *A. superciliosus* 500+ Hexham Swamp 15 May (HBR), large concentration;

Australasian Shoveler *Anas rhynchotis* Small numbers max 20+ at 8 sites in the Clarence Valley 18 May-11 Sep (GC), 50+ Jabiru Wetlands, Casino 23 Jun (JH); 124 Morpeth STW 27 Feb & 50+ Tarro 26 Feb (HBR); Present McGraths Hill STW 29 May-29 Aug, max 36 on 29 Aug (ARo,EV); 30+ Windang Peninsula 20 Jun (RI) & 10 Koong-bury Bay Lake Illawarra 5 Aug (JB); 1 Barlings Swamp 1 Jun, only South Coast record (ENHS); 9 Carmel Lagoon Baradine 6 Jul (DJo), unusual location. Average year for coastal sites, note the movement to the coast Jun-Aug.

Grey Teal *A. gracilis* 500-1000 SE of Cowper 6 Jul (GC); Only small numbers on the Central Coast max 362 Tuggerah Lakes in Oct of 2920 in 1991! (CCFOC); 3525 Fivebough Swamp 17 Jul & 1261 on 17 Oct (HBR).

Chestnut Teal *A. castanea* 700 Ash Island 6 Mar, 600+ Hexham Swamp 15 May & 300 Kooragang Is Mar (HBR), large concentrations for Hunter Valley; 5000+ Lake Wollumboola 24 Jan (CC), a large concentration.

Pink-eared Duck *Malacorhynchus membranaceus* Present Jabiru Wetlands, Casino Apr-Jun, max 102 on 23 Jun (ABi,JH), 100+ Belmore Swamp 20 May (ARc), 40+ Swan Creek 24 Aug-11 Sep (GC); Reported in the Lower Hunter Valley all year, max numbers 124 Morpeth STW 27 Feb, 67 Ash Island 6 Mar, 50 Tarro Swamps 26 Feb (HBR); Reported on the Central Coast in small numbers 16 Jan-Aug, max 28 Tuggerah (CCFOC); Max 150 Pitt Town Lagoon 16 Jan-16 Apr (ARo,ASt,EV), present Bi-centennial Park Homebush 16 Jan-2 Jul, max 168 on 1 Jul (ARo,EH,JSe,NH), 1 Riverine Park, Arncliffe 3 Mar (RMO); Recorded at 6 sites in the Illawarra 8 Jan-5 Aug, max 40 Windang Peninsula 20 Jun (IBR), first record for this site; 24 Dangars Lagoon Uralla 29 Dec (JCe); 100+ Curlewis STW 10 Jul (AA). More coastal records than usual.

Hardhead *Aythya australis* 150+ Sportsman Creek 23 Mar-18 May (GC), a large local concentration.

Australasian Little Grebe *Tachybaptus novaehollandiae* Small numbers feeding in a weed bed on the salt water Tuggerah Lake 6 Jun (CCFOC), unusual location.

Hoary-headed Grebe *Poliiocephalus poliocephalus* Present on the Central Coast 10 Apr-28 August, max 10 Colongra Lake 10 Apr, confirming its status as a winter visitor (CCFOC).

Great Crested Grebe *Podiceps cristatus* 15-20 occasionally Walka Water Works 27 Feb-1 May (HBR), smaller numbers at 2 other sites; 3 Lake Illawarra 19 Sep (SKi), 50+ Lake Burragorang 15 Dec (CC); 200+ Lake Wallis, Wallerawang 17 Jan (PDb), 2 Rylstone STW 24 Dec (PR); 1 Gum Swamp, Forbes 4 Oct (ML); 4 Lake Wyangan 23-26 Jan (JDu), 6 Lake Cargelligo 18 Sep (AM).

Little Penguin *Eudyptula minor* 1 Crescent Head 17 Mar (MVBO) & 1 Crowdy Head 9 Apr (HBR), the 2 most northerly records for the year; 1 Darling Point 10 May (BP), max 5 Berrys Bay, Sydney Harbour 24 Jul-26 Aug (TN), some interesting upper Harbour records.

Common Diving Petrel *Pelecanoides urinatrix* 1 off Long Reef 6 Aug, 1 on 19-20 Oct (MR), 1 beachcast Cronulla Beach 28 Aug (DH); 2 off Eden 16 May (GCI). More records than usual and consistent with known distribution, 30-33rd records for NSW.

Southern Giant-Petrel *Macronectes giganteus* Present offshore South West Rocks to Grassy Head 17 Mar-25 Sep, max 2 (KS,JMe,LMc); Present off Norah Head 3 Jul, 1 beachcast Umina Beach 15 Jul (CCFOC); Max 24, including 2 white morph off Mistral Pt/ Magic Pt Maroubra 23 Jun-28 Nov (RG), 2 Long Reef 10 Jul (EV) & 2 white morphs on 15 Aug (MR), 2 off Sydney 7 Aug & 1 on 14 Aug (AP); Present off Wollongong 27 Jun-20 Oct, max 8 on 25 Jul (ASt,PM), 3 white morphs Point Perpendicular 12 Sep (MR), 6 inshore off Sandon Point 8 Aug (JB); Present off Eden 20 Jun-19 Sep, max 9 on 19 Sep (BJ,EA).

Northern Giant-Petrel *M. halli* 1 on Continental Shelf off Grassy Head 24 Aug (LMc); Present off Magic Pt/Mistral Pt Maroubra 8 Jun-15 Aug, max 18 on 15 Jul (DMe,EV,RG), 2 off Sydney 7 & 14 Aug (AP); Present of Wollongong 3 Jul-22 Aug, max 4 on 25 Jul (PM); Present off Eden 20 Jun-19 Sep, max 4 on 15 Aug (BJ,EA). More records than usual, possibly there is an upwards trend.

Southern Fulmar *Fulmarus glacialisoides* 1 off Norah Head 27 Jul, 1st Central Coast record in 27 years (CCFOC); 1 off Sydney 29 Jun (SAs), 1 off Long Reef 24 Jun-31 Aug (MR), 1 off Magic Pt Maroubra 14 Jun-13 Sep (RG); 1 Austimer 9 Jul (TWy), 1 off Wollongong 10 Jul, 17 Jul, 19 Sep (ASt,PM), 1 Bass Point Wollongong 15 Aug (GB), 1 Pt Perpendicular 12 Sep (MR); 2 off Batemans Bay 8 Aug (PM), 1 off Eden 19 Sep (EA), 2 beachcast Haycock Rock, Merimbula 18 Nov (LS). A minimum of 14 records along the entire southern coastline of NSW 14 Jun-18 Nov, this is without precedent and an extraordinary situation for a bird rarely reported in NSW.

Antarctic Petrel *Thalassoica antarctica* 1 observed off Magic Pt Maroubra 26 Aug (RG), accepted by BARC, first NSW record and first submission for this species for the Australian mainland..

Cape Petrel *Daption capense australe* Present off South West Rocks to Grassy Head 4 Jul-25 Sep, max 40 on 4 Jul (KS,LMc); 1 off Port Stephens 8 Oct (HBR); 1 off Norah Head 28 Aug, first Central Coast record (CCFOC); Present off Magic Pt Maroubra 26 Jun-18 Nov, max 150+ 15 Jul & 36 on 24 Oct (DMe,RG), max 30 off Long Reef 1 Jun-2 Jul, 2 on 12 Oct (MR), present off Sydney 7 Jul-13 Nov, max 25-30 on 9 Oct (AP); Present off Wollongong 27 Jun-20 Oct, max 150+ on 21 Aug (ASt, PM); Present off Eden 20 Jun-21 Nov max 17 on 17 Oct (BJ,EA), 6 off Tollgate Islands 6 Oct (ENHS). 2 of the race *D. c. capense* reported off Wollongong 10 Jul (PM). These are exceptional numbers for NSW.

Kerguelen Petrel *Lugensa brevirostris* 1 off Sydney 29 Jun (SAs), 1 off Long Reef 13 Jul (MR), 1 off Magic Pt Maroubra 24 Oct (RG); 1 off Wollongong 27 Jun (AP) & 2 on 19 Jul (PM). More records than usual.

Tahiti Petrel *Pseudobulweria rostrata* 4 seen 17 n.m. ENE North Solitary Island 21 Jan (NCh), 24th record, only report received.

Great-winged Petrel *Pterodroma macroptera* Numbers greater than usual and reported all year, max 130 off Mistral Pt Maroubra 14 Jul, 200 off Sydney 13 Nov, 150 on 11 Dec (AP,ASt); 150-200 off Wollongong 13 Nov, and 200 off Eden 21 Nov (BJ,EA).

White-headed Petrel *P. lessonii* 1 beachcast North Entrance 15 Jul (CCFOC), 1st Central Coast record; 1 Magic Pt Maroubra 14-15 Jul & 8 Sep (RG), 1 blown inland to Peakhurst 15 Jul (Birdline), max 57 off Sydney 7-15 Aug (AP), 1 off Long Reef 3 Sep (MR); 3 off Wollongong 27 Jun, 1 on 25 Jul, 5 on 21 Aug, 1 on 20 Oct (AP,ASt,PM); 2 off Eden 18 Apr (BJ). More records than usual.

Providence Petrel *P. solandri* Present off South West Rocks to Grassy Head 4 Jul-25 Sep, max 5 on 25 Sep (LMc,KS); Present off Sydney, including Maroubra 23 Jun -Dec, max 40+ on 7 Aug (AP,ASt,RG); Present off Wollongong May-Nov, max 55 on 10 Jul (AP,ASt,PM); 2 off Eden 18 Jul, 30 on 17 Oct (BJ). Average year.

Kermadec Petrel *P. neglecta* 1 off Wollongong 28 Feb (AP), but no submission to NSWORAC.

Herald Petrel *P. ardmijnoniana* 1 off South West Rocks 31 Dec (LMc), but no submission to NSWORAC.

Soft-plumage Petrel *P. mollis* 3 records off Wollongong 1 on 10 Jul accepted by NSWORAC, but for the others on 27 Jun (AP) & on 8 Aug (LS), no submissions were made.

White-necked Petrel *P. cervicalis* 1 seen 8 n.m. ESE Smoky Cape 23 Jan (NCh), 1 off South West Rocks 4 Jul (KS); 1, 24 n.m. E of Port Stephens 31 Jan (NCh); 2 off Sydney 9 Jan (ASt), 1 Long Reef 9 Feb (MRo). Consistent with known distribution although the Jul record is unusual, 24-28th NSW records.

Black-winged Petrel *P. nigripennis* No reports in 1999.

Gould's Petrel *P. leucoptera* 1 off Grassy Head 16 Jun & 2 on 22 Sep (LMc,KS); Continued efforts by NPWS and volunteers have led to increased numbers of pairs nesting & rearing young on Cabbage Tree Island. Almost 300 chicks were fledged in 1998/99. NPWS trans-located 100 of the chicks to nearby Boondelbah Is with the aim of establishing a second colony to reduce vulnerability to a disaster on Cabbage Tree Island (HBR). 510 active nests were recorded Cabbage Tree Is Nov-Dec (NC); 7 off Wollongong 27 Nov, 4 on 27 Dec (ASt,AP); 1 off Eden 17 Jan & 21 Nov (BJ,EA), 1 off Tuross Heads 18 Dec (ENHS).

Blue Petrel *Halbaena caerulea* 3 off Long Reef 9-16 Jul, 1 on 7 Aug, 1 on 7 Sep (MR), 2 off Sydney 10 Jul (AR), the only record submitted to & accepted by NSWORAC; 3 off Wollongong 3 Jul, 1 on 17 Jul, 4 on 21 Aug (PM), 1 off Point Perpendicular 12 Sep (MR); 2 off Batemans Bay 8 Aug (PM). The most records since 1973.

Antarctic Prion *Pachyptila desolata* 1 blown ashore Lakehaven 14 Jul & another Killarney Vale same day, 1 beachcast north Birdie Beach 20 Nov (CCFOC); Max 2 off Magic Pt Maroubra 26 Jun-31 Jul and 1 beachcast Maroubra Beach 15 Jul (RG), 4 off Sydney 7 Aug (AP); Present off Wollongong 27 Jun-21 Aug, max 60 on 27 Jun (AP,PM). The most records for a number of years.

Fairy Prion *P. turtur* Present off South West Rocks & Grassy Head 4-15 Jul, max 5 off South West Rocks on 4 Jul (LMc,KS); 1 blown ashore to Bulahdelah 15 Jul (LMc); Many off Norah Head 3 Jul (CCFOC); Max 50 off Magic Pt Maroubra 26 Jun-15 Aug (RG), max 15+ off Sydney 7-14 Aug (AP); max 100+ off Wollongong 27 Jun-21 Aug (PM); Max 25 off Eden 20 Jun-15 Aug (BJ). Average year.

Slender-billed Prion *P. belcheri* Max 14 off Magic Pt Maroubra 26 Jun-1 Aug (DK,RG), 1 beachcast Maroubra Beach 15 Jul (RG), 1 off Sydney 10 Jul & 2 on 7 Aug (AP); Present off Wollongong 27 Jun-25 Jul, max 2 (AP,PM); 1 off Eden 18 Jul & 7 on 15 Aug (EA). More records than usual.

Salvin's Prion *P. salvini* 1 off Wollongong 10 Jul (PM), only record.

White-chinned Petrel *Procellaria aequinoctialis* 1 off Sydney 11 Sep, 1 on 11 Dec (AP,ASt); 1 off Lake Wollumboola 5 Dec (ASt). Referred to NSWORAC.

Black Petrel *P. parkinsoni* Max 3 off Sydney 13 Nov & 11 Dec (AP,ASt,H); 4 off Wollongong 27 Nov (ASt), 3 off Lake Wollumboola 5 Dec (ASt); 6 off Eden 17 Jan & 3 on 21 Nov (BJ,EA), 3 east of Tuross Heads 5 Dec (PM). More records than usual.

Streaked Shearwater *Calonectris leucomelas* 1 off Wollongong 28 Feb (AP), 35th NSW record.

Wedge-tailed Shearwater *Puffinus pacificus* 5000 off Newcastle Baths 23 Jan, 1000 off Port Stephens 8 Oct & Birubi Pt 24 Oct (HBR); Max 5000 Mistral Pt Maroubra 12 Aug-24 Oct, and 1 out of season on 12 Jul (DMe,RG); 1 off Wollongong 23 May, a late date.; 5 off Eden 18 Jul (out of season?), 7 on 17 Oct (BJ). A catastrophic year for chick production on Montagu Island in Jan when heavy rain fell at a critical time as eggs were hatching and or young just a few days old, most chicks died, this is the worse result since 1970-71 (Fullagar & Heligers 1999). **Arrival:** 1 Magic Pt 12 Aug (RG), 2 Soldiers Point 13 Aug (CCBR), 40 off Wollongong 21 Aug (PM).

Buller's Shearwater *P. bulleri* 6 off Sydney 9 Jan, 1 on 13 Feb, 2 on 11 Dec (AP,ASt,DH,RCl), 1 off Maroubra 4 Jan-5 Feb, 1 on 20 Sep, 1 on 18 Oct (DMe,RG), 1 off Long Reef 12 Oct & 27 Nov (MR); 1 off Wollongong 26 Jan, 28 Feb, 27 Nov (AP,ASt), 2 off Lake Wollumboola 5 Dec (ASt); 4 off Eden 4 Jan, 1 on 18 Apr (BJ) & 31 Oct (ND), 1 East of Tuross Heads 5 Dec (PM). The most records ever in one year.

Flesh-footed Shearwater *P. carneipes* Reported off Broughton Is Jan (HBR); 1 beachcast Birdie Bch MSRA 26 Mar & again 12 Dec (CCBR); 6 Mistral Pt Maroubra 8 Mar, 60 on 2 Apr & 2 on 23 Oct (RG), 30 off Sydney on 9 Jan, 2 on 8 May & 30 on 11 Dec (AP,ASt). Average year.

Sooty Shearwater *P. griseus* 1 beachcast North Birdie Bch MSRA 20 Nov (CCBR); Max 4 on 9 Jan, and max 20 off Sydney 13 Nov-11 Dec (ASt), 1 off Magic Pt 17 Oct (RG); 3 off Wollongong 24 Jan, 2 25 Jul-27 Nov (AP,PM); 11 off Eden 18 Apr, 1 on 15 Aug, 1 on 19 Sep (BJ,EA), none found breeding on Montagu Island (Fullagar & Heyligers 1999). Average year.

Short-tailed Shearwater *P. tenuirostris* 100 dead in 10 km Patches Beach, Ballina 28 Nov (ML); 26 beachcast in 4km of Birdie Beach MSRA 12 Dec (CCBR); 1 late date Mistral Pt Maroubra 21 May & 23 Jun, 21,000 p.h. passing Maroubra 27 Nov (DMe,RG); 1 off Wollongong 3 Jul (PM); 2 off Eden 18 Jul (BJ), presumably the latter two observations represent over-wintering. There was a catastrophic year for chick production on Montagu Island due to heavy rainfall in Jan when eggs were hatching and chicks were only a few days old, worse season since 1970-71 (Fullagar & Heyligers 1999). **Arrival:** 9 Mistral Point 11 Sep (RG), 3 Norah Head 18 Sep (CCBR).

Fluttering Shearwater *P. gavia* Present off the Central Coast Jun-Oct, including 2000+ Soldiers Point 25 Oct (CCBR); 2500 per hour passing Mistral Pt Maroubra, 670 going south in 30 minutes Oct (DMe); 28 off Wollongong 21 Aug (PM).

Hutton's Shearwater *P. huttoni* Present off Sydney 13 Feb-11 Dec, max 100 on 14 Aug (AP,ASt,DH,MCa), present off Magic Pt Maroubra 21 Jan-27 Nov, max 350 on 12 Aug (BC,DMe,RG); Present off Wollongong 28 Feb-27 Nov, max 25 on 26 Sep (AP,PM); Present off Eden 16 May-17 Oct, max 7 on 17 Oct (BJ,EA). Larger numbers are being reported than ever before.

Little Shearwater *P. assimilis* No reports in 1999.

Wandering Albatross *Diomedea exulans* 3A+1 Im off Grassy Head 30 Jun, Im off South West Rocks 4 Jul & 25 Sep (LMc.KS); 1 Long Reef 29 Mar, then max 7 Long Reef 10 Jul, 5-23 Oct (EV,MR), 1 off Maroubra 9 Feb, max 20 off Mistral Pt Maroubra 9

May-14 Dec (DMe, RG), 1 off Sydney 5-20 on 9 Oct, 18 on 11 Dec (AP, ASt); 14 off Wollongong 29 Aug (AP), 35 off Pt Perpendicular 12 Sep (MR); Present off Eden 18 Apr- 21 Nov max 27 on 17 Oct (BJ, EA). **Arrival:** 1 off Maroubra 9 Feb (RG), 1 off Sydney 9 May (AP). **Departure:** 12 off Sydney 11 Dec (SE) & Mistral Pt 31 Dec (RG). Numbers continue to increase.

Wandering Albatross *Diomedea exulans exulans* Present off Wollongong 27 Jun-27 Nov, max 15 on 27 Nov (AP, ASt, PM).

Gibson's Albatross *Diomedea exulans gibsonii* Present off Sydney 14 Aug-13 Nov max 10 on 9 Oct (AP), 1 Mistral Pt Maroubra 14 Dec (DMe), max 2 Long Reef 24-27 Nov (MR); Present off Wollongong 24 May-27 Dec, max 28 on 21 Aug (AP, ASt, PM); 10 off Lake Wollumboola 5 Dec (ASt).

Amsterdam Albatross *Diomedea exulans amsterdamensis* 12 off Sydney 9 Oct (AP); 1 off Wollongong 26 Sep (AP), first Australian records.

Antipodes Albatross *Diomedea exulans antipodensis* 3 off Sydney 14 Aug, 2 on 9 Oct (ASt); Present off Wollongong 27 Jun-20 Oct, max 3 on 26 Sep (ASt, PM).

Wandering Albatross? *Diomedea exulans dabbenena?* 1 off Wollongong 20 Oct (ASt).

Southern Royal Albatross *D. ephomophora sandfordi* 1 off South West Rocks 3 Nov (KS); 1 off Magic Pt Maroubra 31 Jul (EV), accepted by NSWORAC; 1 off Wollongong 8 Aug (PM), referred to NSWORAC.

Northern Royal Albatross *D. ephomophora ephomophora* Imm off Magic Pt Maroubra 27 Jun (RG), 1 on 31 Jul (EV); 1 off Wollongong 25 Jul & 8 Aug (PM), referred to NSWORAC.

Black-browed Albatross *D. melanophris melanophris* Present off South West Rocks 4 Jul-25 Sep single birds (LMc, KS); 2 off Birubi Pt 24 Oct & 1 off Forster Oct (HBR); Present off Central Coast 12 Jun-28 Aug, max 8 off Toowoona Bay Reefs 17 Jun (CCBR); Present off Sydney 9 May-11 Dec max 10+ on 14 Aug (ASt, AP), present off Mistral Pt Maroubra 23 Feb-29 Dec, max 260 on 12 Sep (RG), max 50+ off Long Reef 10 Jul-27 Nov (EV, MR); Max 75 off Wollongong 27 Jun-27 Nov (AP, ASt, PM); Max 50 off Eden 18 Apr-21 Nov (BJ, EA).

Campbell's Albatross *D. melanophris impavida* Present off Sydney 8 May-11 Dec, max 5 on 13 Nov (ASt, AP); Present off Wollongong 23 May-27 Nov, max 125 on 21 Aug (AP, ASt, PM); Present off Eden 18 Apr-21 Nov, max 18 on 18 Jul (BJ, EA).

Shy Albatross *D. cauta cauta* Present off South West Rocks & Grassy Head 4 Jul-22 Sep, all single birds (LMc,KS); 1 Norah Head 3 Jul & 1 beachcast Budgewoi Bch Nov (CCBR); 8+ off Sydney 14 Aug-13 Nov (AP), 1-2 off Long Reef 11 Jul (EV), Present off Maroubra 21 Jun-20 Oct, max 13 on 12 Sep (RG); Max 30 off Wollongong 27 Jun-20 Oct (AP,ASt,PM), 400 off Point Perpendicular 12 Sep (MR); Max 160 off Eden 18 Apr-21 Nov (BJ,EA).

Salvin's Albatross *D. cauta salvini* 2 off Sydney 14 Aug (AP); 1 off Wollongong 25 Jul, 9 on 21 Aug (PM); 1 off Eden 18 Apr, 1 on 16 May (BJ).

Chatham Island Albatross *D. cauta erimita* 1 off Wollongong 21 Aug (PM); 1 off Batemans Bay 8 Aug (PM).

Grey-headed Albatross *D. chrysostoma* 3J & A off Wollongong 27 Jun-3 Jul, Im on 21 Aug, 1 on 19 Sep (ASt, AP,PM); 1 off Eden 19 Sep (EA). The Juv off Wollongong 27 Jun & the immature off Eden were accepted by NSWORAC as the 20th & 21st confirmed records for NSW.

Indian Yellow-nosed Albatross *D. chlororhynchus bassi* Present off South West Rocks-Grassy Head 16 Jun-22 Sep, max 15+ on 4 Jul (LMc,KS); Present off the Central Coast 12 Jun-Sep (CCBR); 30+ off Long Reef 10 Jul (EV), Present off Magic Pt Maroubra 30 Apr-25 Oct, max 64 on 26 Jun (RG); Max 75 off Wollongong 23 May-21 Aug (PM); Max 50 off Eden 18 Apr-17 Oct (BJ,EA). Average year.

Atlantic Yellow-nosed Albatross *D. chlororhynchus* Atlantic race 1 off Wollongong 21 Aug (PM).

Buller's Albatross *D. bulleri* 1 off Wollongong 23 May (CB), 5 on 3 Jul, 1 on 25 Jul (AP,PM); 1 off Eden 20 Jun (EA). More records than usual, 39th-42nd records for NSW.

Sooty Albatross *Phoebastria fusca* A off Wollongong 3 Jul (PM), first bird recorded in NSW since 1985, and accepted as the 18th record by NSWORAC.

Light-mantled Sooty Albatross *P. palpebrata* 1 off Sydney 29 Jun (SAs); 1 off Wollongong 27 Jun (AP), accepted by NSWORAC as the 13th record for NSW.

Wilson's Storm-Petrel *Oceanites oceanicus* Present off South West Rocks & Grassy Head 4 Jul-18 Oct, max 5+ on 25 Sep (LMc,KS); 1 Long Reef 5 Oct (MR), 10 off Mistral Pt Maroubra 24 Oct & 1 on 10 Nov (RG), 3 off Sydney 11 Dec (SAs); Present off Wollongong 26 Jan-3 Jul, 1 on 17 Oct-27 Nov, max 10+ on 27 Nov (AP,ASt,DW); Present off Eden 18 Apr-21 Nov, max 13 on 18 Apr (BJ,EA). Average year.

Grey-backed Storm-Petrel *O. nereis* 1 off Wollongong 3 Jul, 1 on 25 Jul, 1 on 14 Aug (DH,PM); 2 off Eden 15 Aug (EA). Referred to NSWORAC.

White-faced Storm-Petrel *Pelagodroma marina* 4 off South West Rocks 27 Apr (LMc); 5+ off Sydney 14 Aug, 2 on 27 Dec (ASt); Present off Wollongong 3 Jul-27 Nov, max 30 on 27 Nov (AP,ASt,PM); 4 off Eden 18 Apr, 10 on 19 Sep (EA). Consistent with known status.

Black-bellied Storm-Petrel *Fregetta tropica* 1 off Sydney 25 Sep (AP); 1 off Wollongong 10 Jul (these two records accepted by the NSWORAC as the 10th & 11th records for NSW), however no submissions as yet received for the observations off Wollongong of 1 on 20 Oct, 3 on 27 Dec (ABe,ASt,PM).

Red-tailed Tropicbird *Phaethon rubricauda* No records in 1999, first time for many years.

White-tailed Tropicbird *P. lepturus* 1, 17 n.m. ENE Crowdy Head 25 Jan (NCh); 1 off Sydney 11 Dec (ASt); 1 off Lake Wollumboola 5 Dec (PC).

Australasian Gannet *Morus serrator* Present off Central Coast Jan-Oct, max 20+ Toowoona Bay 27 Jun (CCBR); 750 passing north Mistral Pt Maroubra 8 Jun, where present all year (RG); Present off South Coast all year, max 92 on 18 Apr off Eden (BJ) & 150 off Potato Point Jul (ENHS).

Masked Booby *Sula dactylatra* 2 juv off South Ballina early Apr (CL), 1 Fish Rock, off South West Rocks on Continental Shelf 19 Nov & 16 Dec (LMc), all records referred to NSWORAC

Red-footed Booby *S. sula* 1 Long Reef 5 Jun (MR), referred to NSWORAC.

Brown Booby *S. leucogaster* 1 south Mistral Point, Maroubra 14 Feb (RG); 1 off Eden 17 Jan & 21 Feb (ENHS), much further south than usual, 31-33rd records.

Darter *Anhinga melanogaster* **Breeding:** 2 nests Southgate 13 Mar & 1 on 23 Oct (GC), nesting Belmore River 28 Aug (KS); small numbers nesting Newcastle WR 2-3 May & on 2 Nov (HBR); Small numbers nesting Ourimbah Ck Jan-Feb, max 22 nests 2 Dec, 5 nests Colongra Swamp 28 Aug, 4 nests Wyong Ck South Tacoma 23 Aug (CCBR). Average year for coastal sites.

Little Pied Cormorant *Phalacrocorax melanoleucos* Present all year Tuggerah Lakes max 364 in Jun (CCBR); **Breeding:** 6+ nests Lawrence 13 Mar, 20 nests 23 Oct, 2 nests

Southgate 23 Oct, 30 nests many with large young Middle Boambee 9 Nov (GC), nesting Belmore River 28 Aug (KS), 4+N Sandgate Market Swamp 2 Jan & 10N+Y Newcastle WR 2-3 May (HBR); 8 nests lower Ourimbah Creek Jan & Dec (CCBR).

Black-faced Cormorant *P. fuscescens* Present off Eden all year, numbers highest Jan-Jun, max 80 on 21 Feb (BJ,MD).

Pied Cormorant *P. varius* **Breeding:** Small numbers nesting Newcastle WR 2 May-21 Jul (HBR); 60+ nests with eggs or young Colongra Swamp 28 Aug-30 Nov (CCBR).

Little Black Cormorant *P. sulcirostris* 400+ Coon Is Swansea 24 Oct (HBR); 65 Kannahooka Bay, lake Illawarra 24 May, large number for site (IBR). **Breeding:** 40+ nests, many with young Lawrence 13-23 Mar & 20+nests 23 Oct-27 Nov (GC), 10+ N Sandgate Market Swamp 2 Jan, Toronto Wetland 11 Apr & Newcastle WR 2-3 May (HBR).

Great Cormorant *P. carbo* Present all year on South Coast, max 450 Tuross Heads Sep (ENHS). **Breeding:** Small colony Newcastle WR 2 May-21 Jul (HBR)

Australian Pelican *Pelecanus conspicillatus* **Breeding:** Nesting Wallis Lake 26 Feb (HBR), max 100N+100Y Ramsay Island, Blackalls Bay 20 Oct (CCBR).

Lesser Frigatebird *F. aerial* No records in 1999.

Little Egret *E. gazetta* **Breeding:** 4N Shortland WC 1999/2000, a rise of 2 over the previous year(HBR); 4N Curly Island, Tuggerah Lakes 4-14 Dec, lowest breeding population in 5 years (CCBR).

Eastern Reef Egret *E. sacra* 1 white morph off the Continental Shelf off Sydney 9 May (AP), 3 Magic Pt Maroubra 25 Jul (WS); 2 17 n.m. off Eden 18 Apr (BJ), where were they going?

White-necked Heron *Ardea pacifica* 28 Toolijooa 13 Feb (CP), large concentration for Illawarra Region. **Breeding:** 10 prs Wilbriggie Swamp 28 Nov (BM).

Pied Heron *Ardea picata* 1 at wetland near Ettamogah, Albury 17-18 Dec (MHe), referred to NSWORAC, and accepted as the 2nd confirmed record for NSW, the first record was at Lake Cowal in 1975.

Great Egret *A. alba* Present all year Tuggerah Lakes max 39 in Dec, highest number in 5 years (CCBR); 22 Windang 14 Jun (CB) a large concentration for this site. **Breeding:**

80+ nests Lawrence 23 Oct-27 Nov, 7+ nests Middle Boambee 9 Nov (GC); 40 nests Shortland WC Nov-Dec, an increase from 32 in previous year (HBR).

Intermediate Egret *A. intermedia* 60+ Everlasting Swamp 23 Mar (GC); 3 Swan Lake 17 Mar (KM); 38 Fivebough Swamp 17 Oct (KH); **Breeding:** 25+ nests Lawrence 13-23 Mar & 20+ nests 23 Oct (GC), 40 nests Shortland WC Nov-Dec, an increase from 12 nests the previous year (HBR).

Cattle Egret *A. ibis* 10 Botany 10 Apr (DH); Continual decline of numbers on the Moruya River flast max 20 on 6 Jun (ENHS); 15 Griffith 23-26 Jan, 3 on 4 Apr (JDu). **Breeding:** 2000+ nests Lawrence 23 Oct, some nestlings present by 27 Nov, 200+ nests Middle Boambee 9 Nov (GC); 400 nests Shortland WC & 483 nests Seaham Swamp NR Nov-Dec, an increase of 104 & 108 respectively over the previous year (HBR).

Striated Heron *Butorides striatus* 1 Silverwater NR 3 Mar (TS), confirming previous records for this area.

Nankeen Night Heron *Nycticorax caledonicus* 35 roosting Pelican Is, South West Rocks 7 Jul (KS) & 28 Sportsmans Creek 12 Oct (ABi); 200 roosting Blue Bonnet Cres Colleambally (JWk). **Breeding:** 7500 prs Gingham Watercourse Jan (RC).

Little Bittern *Ixobrychus minutus* 1 McGraths Hill STW 23-26 Jan (CS), 1 Gees Lagoon, Colo 28 Oct, 1 HC Pitt Town Bottoms 18 Dec (KB); 2 Lake Cowal 2 Oct (PPE); 4 Lake Wyangan 23-26 Jan (APi,JDu), 3 Lake Brewster 26 Jan (AR), 1 injured Whites Rd Griffith Nov (SC). More records than usual.

Black Bittern *I. flavicollis* 1 Stewarts River 27 Feb, 1 Frederickton 20 Apr, 1 Millbank 9 Dec, 1 Grassy Head 18 Dec & 1 Geneebingina Wetlands 27 Dec (ABi,KS); 1 Walka Water Works 27 Feb & 1 Ash Island 7 Feb (HBR); 1 Wyong Ck Bridge 30 Jan, 1 Wyong Ck South Tacoma 23 Aug, 1 injured Wyong 5 Oct, 1 Lions Pk Chittaway 23 Nov (CCBR); 1 Deep Ck Narrabeen 27 Jan (BC), 1 Carol Ck East Killara 6 Jun (TW), 1 HC North Sackville 18 Dec (KB); 1 Wagonga Inlet 5 Aug (IDw). Good spread of records all the way along the Coast.

Australasian Bittern *Botaurus poiciloptilus* 2 HC Belmore Swamp 3 Apr, 1 HC Limeburners CK NR 31 Jul, HC Lake Innes NR 23 Nov (ABi,KS); 1 Maitland 2 Jan (Ast) & 3 Jun, 1 Walka Water Works 12 Mar, 1 Ash Island 15 May & 1 Bolwarra STW 31 Oct (HBR); 1 Pitt Town Lagoon 26 Jan (KMo), 1 Bushells Lagoon 5 Jul (BC); 1 injured South Durras 1 Dec (ENHS); 3 Rowses Lagoon, Collector 28 Aug (NL); 1 Mirrool Creek 5 Jan (DTh), calling Murramai 16 Jan (BG), 1 Fivebough Road 7 May (PG), max 3 Fivebough Swamp 2 Sep-17 Oct (ACr,KH), 1 Lake Cargelligo 2 Oct (NL), max 6 Koonadan 31 Oct-6 Dec (PDP,KH). More records than usual.

Glossy Ibis *Plegadis falcinellus* 8 Ellis Swamp Tucabia 20 May, 50+ Broadwater Swamp, Lawrence 23 Oct (GC), 120+ Belmore Swamp 20-28 May & 4 Pelican Is South West Rocks 22 Aug (KS), max 50 Jabiru Wetlands, Casino 2 Apr-26 Jun (ABi,BC,JH); 28 Pambalong NR 15 Aug & 40 Stockton Borehole Swamp 29 Oct (HBR); 1 McGraths Hill 16 Apr (ARo), 1 Cobbitty 30 Aug (CS), 22 flew in from the sea at Long Reef 22 Oct (AR), 50 Bakers Lagoon 28 Oct (KB); 56 Mullenderee Flats 28 Oct (ENHS), 3rd South Coast record; 30 Nericon Swamp 4 Sep (BM), 32 Lake Cargelligo STW 18 Sep (RB); 180 Tuckerbill Swamp 22 Sep (MS), 50 roosting Fivebough Swamp 23 Jan (JDu) & 500 on 13 Oct (MS); 1 Lake Nialla & 1 Willow Point HSD Wentworth 28 Sep-7 Oct (GLC), 2 Tullakool Salt basin 29 Dec (JN). **Breeding:** 1600 prs Gingham Watercourse 26 Jan (RC)

White Ibis *Threskiornis molucca* 400 feeding Hexham Swamp 15 May; a large number for this site. **Breeding:** 30+ nests Lawrence 13-23 Mar, 8+ nests 23 Oct, many young present 27 Nov, 100+ nests Middle Boambee 9 Nov (GC); 10+ nests Shortland WC 17 Feb (HBR); 4 nests in a melaleuca Swamp, Evergaldes GC Woy Woy Oct-Dec (CCBR). Information about inland breeding was not available.

Straw-necked Ibis *T. spinicollis* Large numbers reported from coastal areas including 1000+ Tyagarah 28 Mar (RMo), 2-3000 Tucabia 15 Jul (GC); 1000+ Chatham Recreation Grounds 12 Jun (HBR); 600+ Jamberoo Valley 5 May (RB). **Breeding:** No information available.

Royal Spoonbill *Platalea regia* 119 Deep Ck Ulmarra 9 Aug (GC); 17 Brisbane Water Jul, was the max number for the Central Coast in 1999, a very low number (CCBR); 45 at McGraths Hill STW 10 Jan (DPo) & 60 at Pitt Town Lagoon 23 Jan (EV) are good numbers. **Breeding:** 50 A+ fledged young Harwood Is 16 Jan, max 120 nests Jul-Dec (GC), 10 prs Wilbriggie Swamp 28 Nov (BM).

Black-necked Stork *Ephippiorhynchus asiaticus* General observations for the North Coast Region are excluded as this is where the bird is more common: 2 north of Raymond Terrace 7 Feb-12 Mar (ASt,BC,ML), 1 on farm dam at Seaham 19 Jun (CA), 2 Stockrington 7 Sep (ABe), 1 Failford, Tuncurry 7 Oct (IL), 2 Ash Island Nov-Dec (HBR); 1 Gingham Watercourse 26 Jan (RC). **Breeding:** 2+3Y Verges Swamp, Kempsey 31 Jan (ABi), 2A at nest Woodford Is 13 Apr-8 Jun, 2A+3Y Ellis Swamp, Tucabia 14-20 May, nesting Waterview Heights 3 Jul-18 Dec, 2Y raised, nesting Tyndale 21 Jul-5 Dec, 2Y raised, J Chaffin Swamp, Tucabia 27 Jul, N+3Y Corindi 20 Sep (GC), Nest +2Y Nambucca Heads Aug-Dec (Crompton 2001), Nest Brushgrove North 12 Oct (ABi), 2A+N Crowdy Head Oct (HBR). Note that these records provide information on 10 breeding pairs, and does not include any breeding data from the Tweed-Richmond, or south of Crowdy Head, so that conceivably there could be about 15 pairs in NSW.

Osprey *Pandion haliaetus* 1 Coutts Crossing 29 Nov (GC), estimated to be 106 birds between the Macleay & the Manning Rivers (Bischoff 2001); Belmont Lagoon Feb-Jul; 1 Crackneck Lookout 23 May (CCBR); 1 Middle Cove 6 Feb (LBI), 2 Narrabeen Lagoon 24 Feb-27 Apr (AMc,DH,JSe) & 1 on 6 Nov-20 Dec (BC), 1 Pittwater 18 Dec (PHu); 1 Moruys Heads South 18 Jul, & 2 displaying 18 & 24 Jul, 1 Corunna Lake 19 Aug, 1 Tomakin 13 Oct, 1 Durras Oct, 2 Bodalla 21 Nov (ENHS); 2 Split Rock Dam Nov (PS); 1 Gingham Watercourse 27 Jan (RC); More records each year of birds away from the breeding zone. **Breeding:** Nesting May-Nov at 14 sites including Sth Tweed Heads, Ballina, Goodwood Is, Yamba, Angourie Point, Micalo Island, Brooms Head, Bluff Pt Woodford Is, near The Broadwater, Lawrence, N of Ulmarra, Corindi, S of Woolgoolga (GC), actual numbers of pairs in the area Tweed Heads to Scots Head not known for 1999; 40 pairs nested between the Macleay & the Manning Rivers (Bischoff 2001); 3 pairs nesting in the Hunter Region at Wallabi Point 4 Feb, Forster 2 Sep & Lemon Tree Passage 18 Sep (HBR). The number of breeding pairs continues to increase.

Letter-winged Kite *Elanus scriptus* No records in 1999.

Black-shouldered Kite *Elanus axillaris* 1 caught & ate Swamp Rat *Rattus lutreolus* Forster 15 Sep (GC); Pair nested Eve st wetlands near Sydney Aiport & raised 2Y 29 May (PDB).

Pacific Baza *Aviceda subcristata* Present all year North Coast with breeding at A+2J Richmond Hill 31 Jan (JH), A+2 Im Frederickton 20 Apr & N+3Y 22 Dec, 2A+1Y Grasslands HSD, Mullumbimby Nov-Dec (RMO), 5th consecutive year the birds have bred here; 2 Manning Point 24 Oct & 1 Oxley Island 12 ec (ABi), 3 Seaham Swamp NR 4 Oct, 3 Rankin Park 10 Nov (HBR); Present all year Central Coast, being reported from 12 locations, including nesting at Warrah Trig 27 Aug, N+3Y Wyoming 14 Dec (CCBR); Reported from 18 locations in the Sydney Region all year, with breeding records at N+2Y Pennant Hills Park 14 Jan (RMu) 3rd Sydney breeding record; 2 Bulli Feb-Mar (DG), 10th Illawarra Region record; Juv roadkill Glenbrook Jan (CP), 1 Sun Valley 3 Aug (MLy), 2 Glenbrook Ck Springwood 29 Dec & possibly the same birds at Tom Hunter Pk, Faulconbridge (CM); 1 along Peel River, Tamworth (LHu), 1 Tintinhull, Tamworth Jul (GO). More reports than usual, and more records for the Illawarra, Central Tablelands & North West Slopes.

Square-tailed Kite *Lophoictinia isura* 2 nesting near Grafton 18 Aug, reared 2 young Oct-Dec Brown et al (2000), 1 Coutts Crossing 19-24 Mar (GC), 1 Nambucca Heads Apr (CL), 2 Banyabba SF 29 Oct, 1 Kempsey Mar-Jun, 2 Bonny Hills 28 Jul-1 Aug, J Frederickton 7 Dec, found dead below nest (ABi,DH,KS), 2 Lighthouse Bch Port Macquarie May-Jul, 1 Lake Cathie 1 Aug, (ABi), 1 east of Wauchope 3 Oct (DJa); 2

resident Cundletown, 2 Cooperbrook FP Jan, 1 Kooragang Is 13 Oct (HBR), 1 Manning Point 24 Oct & 1 Towibakh NR 11 Dec (ABi); 1 Longneck Lagoon 15 Feb (DH), 1 Windsor 3 Apr (AP), 1 McGraths Hill 12 May & 15 Aug (EV,LD), 1 Mitchell Park, Cattai 25 Jan & 28 Oct-12 Nov (BC,KB); 1 Vincentia 8 Feb (GB), 1 Bomaderry Creek 27 Jan & 8 Feb KM); 1 Nethercote 31 Jan (BJ), 1 Long Beach 18 Feb (ENHS), 1 Bega 31 Aug (DLA), 1 Windy Hill, Merimbula 24 Sep (BJ), 1 south of Eden 9 Nov (SRo), 1 East Lynn, Batemans Bay 5 Dec (DH), 1 Malua Bay 20 Dec (HPe); 1 Mount Hay, Grose Valley 18 Jul (JRe), 1 Wentworth Falls 17 Jul (JRe), 1 Gooloooinboin HSD, Glen Davis 26 Aug (TN), 1 Capertee Valley 14-28 Aug & 13 Nov (PDb,TQ,TS), 1 Wyandra Common, Home Rule 1 Sep (DGe), 1 Glen Davis 13 Nov (AQ); 1 Aloes Well, Pilliga East SF 16 Oct (AR), 1 22 km SW Collarenebri 17 Oct (GC); 1 Round Hill NR 8 Mar (CPa). Most reports ever.

Black-breasted Buzzard *Hamirostra melanosternon* 1 Nocholeche NR 25 Jun (MC), known site, 1 Budda HSD Tilpa 14 Sep (ABi), less reports than usual.

Black Kite *Milvus migrans* 1 over an Aberdeen lucerne crop 3 Jan (AR); 1 Lithgow 3 Jan (AP); 1 Ardlethan 3 Sep (DGe). Fewer eastern NSW reports this year.

Brahminy Kite *Haliastur indus* More records than usual south of Wallis Lake where nesting occurs, viz 1 Cabbage Tree Island 7 Mar (JSe), 1 Ash Island 15 May-11 Aug (HBR,PEK), Shortland WC 18-19 Aug, 1 Kooragang Is 29 Oct & 28 Nov, 1 Sandgate 24 Nov (HBR); 1 Bengally Hd, Avalon 21 Sep (PBu), 3rd Sydney record. **Breeding:** Nesting Iluka GC 1 Aug, Harwood Bridge Jul-Sep, Foster 14 Sep (GC), nest South West Rocks Rd Aug-Nov, A+Im at nest Jerseyville Sep-Oct (KS).

Whistling Kite *H. sphenurus* Nesting on the Central Coast at Cockle Channel Jul, Umina 2 Nov, Patonga Ck 30 Oct (CCBR); Nesting on the South Coast at Corunna Lake 28 Aug & Durras Oct (ENHS).

White-bellied Sea-Eagle *Haliaeetus leucogaster* Nesting Lower Southgate 8 Jun-22 Sep, 2Y reared, nesting McPherson Crossing 1 Jul (GC); A+Js reported from Broughton Is, Telarah Lagoon, Belmont, John Browns Lagoon, Taylors Beach & Balickera throughout the year, while pair at nest Quorrobolong 31 Jul. The birds at John Browns Lagoon were feeding their fledged young on a Masked Lapwing (HBR); A+2J Tuggerah Bay 23 Jan, N+J Wambina NR Matcham 31 Jan (CCBR); Nesting Lake Burrendong 22-26 Nov (CD); A Lake Cargelligo 27 Sep (GC).

Spotted Harrier *Circus assimillis* A Coutts Crossing 26 Apr (GC); 1 Hands Lagoon 3 & 22 Feb & 19 Nov, 2 Bolwarra STW 23 Feb, 1 Mulbring 6 Apr, 1 Pokolbin 16 May, 1 Ash Is 11 & 20 Nov, 1 Morpeth 8 Dec & 1 near Liddell 25 Dec (HBR); 1 Cornwallis Rd

Richmond 31 May (CS); 1 Raglan near Bathurst 31 Jan (SF), 1 Capertee Valley 18 Sep (DPo); 1 12 km W of Trangie 21 Jun (MC); 1 Lake Cargellico 18 Jul (NL), 1 Murrin Bridge 17 Sep (AM), 2 Hay Plains 24 Sep (RB); 1 South Myers Tank, Sturt NP 30 Aug (CP); 1 Willandra NP 18-20 Sep (AR), Max 2 in saltbush Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC). Reported throughout the year, but with most records Jan-Feb, Sep-Dec, which may be significant although it may also be a reflexion of when the contributors travel out west!

Swamp Harrier *C. approximans* 1 Bicentennial Park 5 Sep (JSe).

Brown Goshawk *Accipiter fasciatus* Nesting Newports Ck, Coffs Harbour 8-9 Nov (GC), A+2Y Frederickton 11 Nov (KS); 1 took a rabbit at Brokenback Range 10 Mar (RP), N+2Y Balickera Nov-Dec, 2+N West Wallsend 20 Oct (HBR); Reported on the Central Coast at 12 sites, with breeding at Mt Penang 12 Oct & A+J Worley Ck Mangrove Mountain where using a previous nest (CCBR); 1 Uni NSW Randwick 15 May (MSa), present South Turrumurra 28 May, 2 Jun & 20 Oct (DL), 3 Cattai NP 16 Aug-17 Oct, possibly nesting (AB,MR), 2 nesting Silverwater NR Homebush Bay 22 Nov (CSh); 1 Kiama 18 Sep (ASt), 1 Kangaroo Valley 3 Oct (Jda), 2A+J Bulli 20 Dec (RTu); Recorded at 6 South Coast sites throughout the year (ENHS). N+2Y Gooloinboin HSD, Glen Davis 11 Dec (PDb). Few inland reports.

Grey Goshawk *A. novaehollandiae* 2 Bellingen Rd Bowraville 15 Apr, 1 Stuart Island, Nambucca Heads 16 Apr (RT), 1 Ocean Shores 7 Jun, 1 Dorrigo NP 30 Jun (GC), 1 Katang NP 3 Oct (MSa), 3 Mt Warning 30 Dec (ML); 2 Stockrington 11 Apr, 2 Waitui 8-11 Sep, 2 white morphs Williamtown Oct, single wm at Pambalong NR 17 Apr, South Swansea 22 May & Cardiff 28 Jul (HBR); The most common accipiter on the Central Coast, being reported throughout the year at 18 sites but no breeding records (CCBR); Reported from 8 sites in the Sydney Region including 1 white morph Bulgo, Royal NP 19 Sep (BE); Reported from 13 sites in the Illawarra Region including white morphs at Figtree 3 Feb (DG), Kiama 10 Feb (CP), Mt Ousley 7 May (DTh,RJo), Mangerton 17 May (JB), Tabbagong Forest 15 Jun (MR) & Barren Grounds NR 19 Sep (PDb); Reported at 4 sites on the South Coast at Moruya Heads, Mullinburra, Corunna Lake & Cullendulla (ENHS); 1 Hazelbrook 3 May (JD), 1 Bumbaldry 24 Sep (AM), western edge of range, 1 Bells Line Rd 17 Oct (MA). Note no breeding records.

Collared Sparrowhawk *A. cirrhocephalus* 1 eating a European Starling Shortlands WC 9 Jun (HBR); Reported from 12 sites on the Central Coast but no breeding reports in 1999 (CCBR); 2A+J Cordeaux Dam Dec (CC); 1 Bumbo Road 18 May (ENHS); A+2Y Koondrook SF nr Barham 17 Dec (JN), 1 Binya SF 25 Sep (KH);

Red Goshawk *Erythrotriorchis radiatus* 1 10km W of Mount Warning 6 Dec (AMi), referred to NSWORAC.

Wedge-tailed Eagle *Aquila audax* Max 2, 11 locations Macleay Valley Feb-Sep (KS), more sightings than usual; Common in the Hunter with breeding reported from 2A+2J Bayswater Colliery 11 Jul & A+N Quorrobolong 31 Jul (HBR); Present all year Central Coast (CCBR); 2A+Y Sackville North 14 Feb (KB), 2 Cornwallis Rd Richmond 30 May on fence (PC), 1 Glenfield 16 Jun (PAI), 2 Galston Gorge 19 Jun (MR), 1 Chatswood 8 Jul (NBR); Reported from 14 South Coast sites (ENHS). There appear to be more coastal records now than previously reported.

Little Eagle *Hieraetus morphnoides* Reported from 4 sites in Clarence Valley all year (GC); Reported from 3 sites on the Central Coast, most records for the Mangrove Mountain area (CCBR); 1 Terrey Hills 26 May (ASt), 1 Pitt Town NR 29 May (ARo); Reported from 3 Illawarra sites (IBR) & 8 South Coast sites (ENHS).

Brown Falcon *Falco berigora* 2 Toolijooa 19 Sep (CP), rare in the Illawarra; N+2Y Goolloinboin HSD, Glen Davis 9-11 Dec (PDb).

Australian Hobby *Falco longipennis* Pair nested Dungog Jan, where reported nesting for the 2 previous years (HBR); pair in spiralling flight with Black Falcons, Brown Falcons & Kestrels Quandialla 6 Apr (IF).

Grey Falcon *F. hypoleucos* 1 Gundagai 19 Dec (SMu); 3 near West Wyalong 27 Jun (WK), 1 near Parkes 11 Oct (NS); 1 South Burrabogie HSD, Hay 1 Nov (NR); 2 Mootwingie NP 28 Mar-2 Apr (DPo,RJo), 2 Sturt NP 19 Apr (FCz), 2A+2Y in nest Tongo HSD Wanaaring 29-30 Oct (MHe); 1 Tarawi NR 9 Oct (SE). Most records reported in NSW Bird Reports in any one year.

Black Falcon *F. subniger* 1 Sackville North 1 Aug (KB); 1 Uralla 11 May (AMi); 1 Glen Davis 3 Jul (AR), 1 Capertee Valley 7 Apr, 4 Nov, 1 Glen Alice 4 Dec (EV,NKi); 2 Attunga & Attunga SF Mar-Jun (EF,GMi), 1 Tamworth STW Apr (JPe); 1 Quandialla 6 Apr (IF); 1 Willancorah HSD & 2 Willie HSD, Macquarie Marshes 18 Feb (HJ); 2 Lake Wyangan 24 Jan (JDu), 1 Fivebough Swamp 7 Mar & 17 Apr, 2 Binya SF 1 May (KH), 1 Hay Plains 24 Sep (AM) where it swooped at a Spotted Harrier, 1 Chat Alley, Murrumbidgee 4 Oct (JL), 1 Wilbriggie Swamp 28 Nov (BM); 1 north of Wilcannia 24 Jun (MC). More records than usual.

Peregrine Falcon *F. peregrinus* 1 took a Common Myna at Wyoming 3 Sep (CCBR); Present South Turrumurra 17 Sep (DL), 2 McGraths Hill 21 Oct, one took a Moorhen (DPo), 2 North Head 8 Dec (HR), a known eyrie site; 1 garden at Orange 23 May (CK).
Breeding: N+2Y Bennetts Head 19 Sep (HBR).

Brolga *Grus rubicunda* 3 Broadwater Swp, Lawrence 23 Oct, max 28 S of Lawrence 16 Jan-28 Nov, 2 Sportsman Creek 23 Mar & 12 Oct, 6 Ellis Swamp, Tucabia 14 May, max 18 near Cowper 6 Jul-1 Aug, max 6 Crowsnest Swamp, Tucabia 27 Jul-9 Aug, 7 Morans Swamp, Tucabia 21 Jul, 3 Sth of Ulmarra 24 Aug, 2A+J E of Ulmarra 11 Sep, 2 Colletts Is Tucabia 11 Sep, 2 Gills Swamp, Ulmarra 16 Nov (ABi,GC); 3 Cockburn River, Limbri Mar (JBi), 2 Bective Dec (EFa); 4 Old Buckingham HSD, Warren 18 Feb (HJ); 2+N Booberoi near Condobolin 13 Oct (NS); 2 Murramai 16 Jan (BG), 7 Koonadan 31 Jan (PDr), 1 Wilbriggie Swamp 28 Feb (BM), 16.5 km S of Whitton 17 Jul (IF), 2 Coolacumpahma Tank, Narranderra 29 Aug & 2 Lake Coolah, Narranderra 31 Aug (EWh). The Clarence Valley is home to an important population in NSW.

Buff-banded Rail *Gallirallus philippensis* HC Yellow Rock, Urunga 30 Jun, RK South Grafton WR 22 Jul, 1 Pillar Valley 1 Sep, 1 Woodford Is 21 Oct, RK Southgate Creek 27 Nov (GC); 2 Ash Is 2 May, 1 Lemon Tree Passage 5 Jun, 1 Quorrobolong 31 Jul, 1 Hunter Region Bot Gardens 5 Aug, 1 Shortland WC 5 Dec, 2A+10Y Scotts Creek Rd 22 Dec (HBR), 1 Harrington 28 Dec (EV); Report from 8 sites on the Central Coast throughout the year, breeding reports include A+Y Lees Res Chittaway 10 Jan, A+4Y Chain Valley Bay 17 Dec (CCBR); Reported from 12 sites in the Sydney Region with breeding reported at A+1Y Eve St Wetland, Arncliffe 11 Jan (RMO), max 12 prs Royal Bot. Gardens 19 Jun-29 Nov, including 2A+3Y on 22 Sep & A+6Y on 29 Nov (ALe,BD,HR,RCv); 1 Cudmirrah 8 Jan & 8 Oct (KM); 1 Runnyford 19 Oct (ENHS); 1 Mt Victoria May (MG); 1 Fivebough Swamp 7 Mar (KH) & 28 Apr (IH), RK between Goolgowi & Gunbar 27 Sep (GC); 2-3 Willow Point HSD, Wentworth 28 Sep-6 Oct (GLC).

Lewin's Rail *Rallus pectoralis* HC Diamond Head, Crowdy bay NP 28 Feb (ABi), 1 Broadwater 31 Jul (NMc), HC Newport's Ck Coffs Harbour 9 Nov, & 1 trapped same place 10 Nov (GC), HC Belmore Swamp 19 Feb, Port Macquarie 19-30 Jul & Maria River Rd 30 Aug (KS); 2-4 HC Forster 14-17 Sep (GC), HC Manning Point 12 Dec (ABi); Only Central Coast report from Mill Ck, Dharug on 21 Sep (CCBR); 1 Deepwater Pk Narrabeen 4 Feb (KB), 1 Cape Solander 7 Mar (AP), 1 Jamieson Pk, Narrabeen 27 Apr (DH), max 20, including 2A+2Y Rifle Range Mallabar/Magic Pt/Mistral Pt Maroubra 1 Apr-8 Sep (ARo,BC,DK,RG), 1 Hornsby Heights 13 Aug (DMa), A+2Y Dee Why Lagoon 29 Sep (JWi); 2 Barren Grounds NR 23 Feb (RBo), 1 Corimal Mar (GRo); 1 HC Catalina Park, Katoomba 10 Oct (CP); 2 Willowdell HSD, Deniliquin 8 Oct (EWa), rarely reported inland. A good range of records for coastal NSW.

Bush-hen *Amaurornis olivaceus* 1 caught by cat Byron Bay 23 Mar, rehabilitated, banded & released (GC), 1 by road Wardell 27 Nov (ML), 1 road kill Grassy Head 14 Dec (JTe), this latter record represents a range extension of 200 km from Evans Head, the previous southern limit (Morris et al 1981).

Baillon's Crake *Porzana pusilla* 1 South West Rocks 3 May & 25 Jul (PRa,KS), 1+ Rainbow Reach 12 Sep & Pelican Is South West Rocks 24 Sep (KS); 8+3Y McGraths Hill STW 9-26 Jan, 1 on 16-21 Oct (AP,DPo,JMo,JDh); 4 Fivebough Swamp 17 Apr (KH); 1 Willandra NP 18-20 Sep (AR), 1 Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC).

Australian Spotted Crake *P. fluminea* 1 Reynolds Rd Wetland Casino 23 Jun (JH); 4-6 Ash Island Mar-May (HBR); Max 8+Y McGraths Hill STW 14-24 Jan, 1 on 29 Aug, 3 on 16-21 Oct (AHo,DPo,KB,RG), 1 Bi-Centennial Park 8 Mar (DH); 20 Lake Cowal 22 Oct (PPE); 3 Fivebough Swamp 23-26 Jan (JDu) & 10+ on 28 Apr-7 May (IH,MS), 1 Lake Cargelligo STW 8 Jul (NL) & 27 Nov (VK); Present Yelta & Nialia Lakes, Wentworth 28 Sep-7 Oct (GLC). Average year with a good spread of records from inland NSW.

Spotless Crake *P. tabuensis* 1 Belmore Swamp 31 Jan & 19 Feb (KS), 2 Doyles River SF 27 Jan (ABi); 3 Walka Water Works 16 Apr & Shortland WC 26 May (HBR); 1 injured Kanwal 18 Dec (CCBR); Max 5 McGraths Hill STW 9-26 Jan (AP,DPo,EV), 1 Webbs Creek 10 Feb (KB), 6 Eastlakes 7-9 Apr (DMe), 3 Magic Pt Maroubra 6 Apr-30 May, 11 Jul & 19 Nov (AFa,EV,RG,SMu); 1 Killalea Lagoon 31 Jan (GB), 1 Dunmore 21 Feb (JBI); 1 Burrawang 5 Sep (TQ); 1 Fivebough Swamp 28 Apr (IH,WEm), 1 Lake Cargelligo STW 19 Jul (NL). More reports than usual.

Eurasian Coot *Fulica atra* Some large coastal concentrations reported : 250 Alamy Creek 23 Oct (GC); 500+ Bayswater Colliery 21 Aug (HBR).

Black-tailed Native-hen *Gallinula ventralis* 1 Silverwater NR 3 Mar (SW), 7th Sydney record; 17 Fivebough Swamp 7 Mar & 37 on 17 Jul (KH), 12 Lake Cargelligo STW 28 Nov (SWh); Common Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC).

Australian Bustard *Ardeotis australis* 2 Milparinka 18 Apr (FCz), AF on nest Tongo HSD Wanaaring Aug (MHe), first reported NSW breeding record since 1984; 1 Dareton 6 May, same bird Dareton STW 7 May (BM);

Red-backed Button-quail *T. maculosa* 1 Woodville garden 25 Aug (HBR); 1 Mangrove Mountain 11-29 Sep (CCBR); 1 McGraths Hill STW 10 Jan (DPo), this record referred to NSWORAC.

Little Button-quail *Turnix velox* 1 Capertee Valley 10 Jan (RT), 1 found injured Wentworth Falls 25 Sep (RDu); 4 Pulletop NR 26 Jan (JDu). Fewer records than usual.

Painted Button-quail *T. varia* 1 Shannondale 6 Mar (GC); 1 Goulburn River NP 4 Apr (FOC), 3 Howes Valley 1 May, 2 Laguna 8-10 May, 2 Pokolbin 25 Jul, 3 Quorrobolong

31 Jul (HBR), 1 Copeland Tops 3 Oct (EV); 1 garden Somersby 1 Feb (CCBR); Reported from 6 sites in the Sydney Region including 2A+3Y Putty 21 Feb (PDb), A+5Y Yarramundi 1 Dec (DP) & 1 St Andrews Cathedral, Sydney city 31 Oct (LSp); 1 Avon Dam Rd 26 Oct (GB), first Illawarra record for many years; 1 Capertee Valley 10 Jan (RT), max 3 White Box Camp Goulburn RNP 6-8 Aug & 1-4 Oct (HBR), 2 Kirkconnell 17 Oct (PDb), 10 Rockview HSD, Glen Davis 21 Nov & 1 on 4 Dec (AR,EV), 2 Lake Burrendong 5-9 Dec (CD); AF RK Talbingo 2 Mar (IH); 1 Mulyandry SF 21 Sep (JF), 1 Jindalee Sf 16 Oct (NL); 2 Round Hill NR 21-23 Sep (AR), western edge of range. Good range of records across the State.

Red-chested Button-quail *T. pyrrhotorax* No reports in 1999.

Black-breasted Button-quail *T. melanogaster* Two possible observations made in 1999, one group observed near Mt Nardi, Nightcap NP Jan (NL) & 1 Big Scrub Flora Res 2 Jun (per PEK); although no submissions were made to the NSWORAC mention is made of these observations to encourage birders to be alert to their possible presence. There have been no published records in NSW since 1975.

Plains-wanderer *Pedionomus torquatus* 1 near Clarendetown, Dungog 20 Oct (per CME); M,F +3Y Wilurah HSD, Conargo 17 Sep (LHa). Average year, the Clarendetown record is exceptional.

Latham's Snipe *Gallinago hardwickii* 115 Parramalong NR 18 Dec (HBR); 15 Broadwater Swamp, Cattai 18 Nov (KB); 1 Barren Grounds NR 23 Feb (RB); 22 Mother-of-Ducks lagoon, Guyra mid Jan (JCe); 1 Tamworth STW Oct (JPe); 2 Junee STW 6 Jan, first record for site & 1 on 15 Oct (MC); 1 Fivebough Swamp 16 Jan (KH), 27 Aug (MS) & 4 on 17 Oct (KH), 1 Bundigarie HSD Narrandera 27 Nov (KH), 4 Koonadan 1 Nov (PDP); 1 each Lake Yelta & Lake Nialia 28 Sep-7 Oct (GLC). **Departure:** 1 Wilbriggie Swamp 28 Feb (BM). **Arrival:** 1 Pelican Is, South West Rocks 22 Aug (KS) 2 Fivebough Swamp 22 Aug (KH), 1 Wilbriggie Swamp 25 Aug (BM), 7 Pitt Town Lagoon 31 Aug (BC), 2 Newstead Pond 1 Sep (ENHS). Good spread of records across the State.

Black-tailed Godwit *Limosa limosa* 7 Kooragang Island 17 Jul (CH); 3 Fivebough Swamp 24 Jan & 4 on 22 Oct (ARc,JDu). **Summer Wader Count 11 Feb:** 152 Clarence Estuary (GC), 150 Hunter (Harris 2000). These numbers are well down over counts in previous years.

Bar-tailed Godwit *L. lapponica* 7 Clarence Broadwater 7 Jun (GC); Max 243 Tuggerah Lakes in Jan (CCBR); **Summer Wader Count Feb:** 67 Tweed, 164 Richmond, 200 Hastings Estuary, 443 Clarence, 1300+ Hunter Estuary, 192 Tuggerah Lakes, 521 Botany Bay, 409 Shoalhaven, 300 Narooma (ABi,CCBR,GC,ENHS,HBR, Harris 2000). **Winter Wader Count Jul:** 16 Brisbane Water & none Tuggerah Lakes (CCBR).

Whimbrel *Numenius phaeopus* 40 Pelican is Port Macquarie 22 Nov (ABi), 19 Taylors Beach, Port Stephens 24 Oct (HBR); 1 Lake Cargelligo STW 2 Oct (NL), unusual inland record. **Summer Wader Count 11 Feb:** 65 Tweed, 18 Richmond, 110 Clarence Estuary, 50 Hunter, 45 Botany Bay (GC, Harris 2000).

Eastern Curlew *N. madagascariensis* 60 Pelican is Port Macquarie 22 Nov (ABi); 80 Tuross Heads 11 Dec (GRs). **Summer Wader Count 11 Feb:** 89 Tweed, 18 Richmond, 119 Clarence Estuary, 531 Hunter Estuary, 31 Brisbane Water, 174 Botany Bay, 35 Shoalhaven, 20 Narooma, 12 Tuross Heads (CCBR,ENHS,GC,HBR). **Winter Wader Count Jul:** 5 Brisbane Water (CCBR).

Marsh Sandpiper *Tringa stagnatilis* 1 Pelican Island, South West Rocks 30 Sep, 7 on 4 Oct & 33 on 15 Dec (ABi,KS), 1 Clarence Broadwater 23 Oct (GC); 236 Hunter Estuary Dec (HBR); 1 Bushells Lagoon 30 Jan (BC); 2 Lake Wollumboola 24 Jan (CC); 70 Gingham Watercourse 27 Jan (RC); 19 Fivebough Swamp 16-23 Jan (JDu,KH), low count for site & 35 on 23 Oct (MS), 4 Lake Wyangan 23 Jan (JDu), 2 Lake Cargelligo STW 18 Sep & 1 on 27 Nov (AM,SWh), 9 Tuckerbill Swamp 22 Sep (MS), 100+ Tullakool Salt Basin 29 Dec (JN); 5 Lake Nialia 28 Sep-7 Oct (GLC). **Summer Wader Count Feb:** 5 Richmond, 50 Clarence Estuary, 184 Hunter Estuary, 2 Shoalhaven (GC,HBR,Harris 2000). Numbers appear to be lower overall than for previous years.

Common Greenshank *T. nebularia* 14 Chickiba Lake, Ballina 14 Mar (GC), 1 Clarence Broadwater 23 Oct (GC); Max 211 Hunter Estuary Oct (HBR); 22 North Entrance 4 Dec (CCBR); Present Tullakool Salt Basin 29 Dec (JN); Present Willow Point HSD & Lakes Nialia & Yelta, Wentworth 28 Sep-7 Oct (GLC). **Summer Wader Count Feb:** 3 Tweed, 25 Richmond, 3 Clarence Estuary, 120 Hunter Estuary, 6 Tuggerah Lakes (CCBR,GC,HBR).

Wood Sandpiper *T. glareola* 1 Pelican Is, South West Rocks 25 Sep (KS); 3 Pitt Town Lagoon 23-26 Jan (EV), 2 Bushells Lagoon 26 Jan (KMo) & 2 on 18 Nov (Birdline), 3 Pitt Town Lagoon 23 Jan (EV); 2 Killalea Lagoon 3-7 Jan (CC); 1 Wagonga Inlet 8 Aug (ENHS); Present Fivebough Swamp 16 Jan-17 Apr, max 7 on 17 Apr & 1 on 17 Oct (JDu,KH). Average year.

Terek Sandpiper *Xenus cinereus* 54 Fern Bay 12 Jan (HBR); 2 Fishery Pt Botany Bay 21 Feb (JCe). **Summer Wader Count 11 Feb:** 70 Richmond, 83 Hunter & 5 Botany Bay (Harris 2000).

Common Sandpiper *Actitis hypoleucos* 1 Belongil Creek early Jan (MA); 1 Kooragang Is 2-4 Feb, 1 Moscheto Ck Ash Island 28 Feb & 12 Sep, 1 Bulls Island 13 Mar (HBR); 1 Yarrumundi 13-24 Mar & 18 Nov (BC,KB); 1 Lake Wollumboola 2 Mar (PF); 1 Lake Nearie NR 28 Sep-7 Oct (GLC). Fewer records than usual.

Grey-tailed Tattler *Heteroscelus brevipes* 35 Pelican is Port Macquarie 16 Jan (ABi), 80 Tahlee 24 Jan (HBR). **Summer Wader Count 11 Feb:** 53 Tweed, 90 Richmond, 83 Clarence Estuary, 27 Hunter, 12 Tuggerah Lakes, 64 Botany Bay (GC,Harris 2000).

Wandering Tattler *H. incana* 1 with Grey-tailed Tattlers at Fern Bay 11-12 Dec (HBR).

Ruddy Turnstone *Arenaria interpres* 8 Broughton Island Jan (HBR). **Summer Wader Count 11 Feb:** 43 Richmond, 7 Clarence Estuary, 29 Soldiers Pt, Pelican Pt & Toowoan Bay, none recorded in winter, 33 Botany Bay (CCBR,GC,Harris 2000).

Great Knot *Calidris tenuirostris* 17 South Ballina Beach 31 Oct (GC); 4 Hunter Estuary Apr & 7 in Dec (HBR); 3 Pelican Point 10 Apr & 1 North Chittaway 28 Nov (CCBR); 1 Bellambi Point 20 Oct (CPE); 1 Potato Point 30 Nov (ENHS), 1 Eden 27 Nov (NCI). **Summer Wader Count Feb:** 16 Richmond, 286 Clarence Estuary, 8 Hunter, 1 Shoalhaven (GC,Harris 2000). The Richmond & Clarence Estuaries appear to be the place to see Great Knots in NSW.

Red Knot *C. canutus* Max 700 Hunter Estuary Sep-Oct on passage (HBR); Max 19 on passage Central Coast Sep-Dec, fewer numbers than usual (CCBR). **Arrival:** 2 Picnic Pt 2 Sep (CCBR). Passage migrant to the south in spring, numbers much lower than usual.

Sanderling *C. alba* 51 on 11 Feb & 17 South Ballina/Patches Beach, Ballina 31 Oct-28 Nov (GC,ML); Max 2 Lake Wollumboola 4 Nov-5 Dec (DH,GRs); 1 Batemans Bay 1 Sep (ENHS). Average year.

Red-necked Stint *C. ruficollis* 150 Kooragang Is 24 Jan (HBR); Present Tullakool Salt Basin 29 Dec (JN); 1 Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC). **Summer Wader Count Feb:** 70 Richmond, 9 Clarence Estuary, 134 Tuggerah Lakes, 45 Botany Bay, 600 Shoalhaven, 500+ Lake Wollumboola (CCBR,GC,Harris 2000,RBo). Possibly the Hunter birds that were present on 24 Jan, were missed on the Summer Count, overall numbers have declined considerably in recent years.

Pectoral Sandpiper *C. melanotos* 1 Kooragang Is 13 Jan (HBR); 1 Mason Park, Concord 6 Oct-22 Nov (CG,CSh,DMe,SWh); 1 Lake Wollumboola 23 Jan-20 Feb, 4 Apr & 5 Dec (CC,DH,EV). Fewer records than usual.

Sharp-tailed Sandpiper *C. acuminata* 250+ Big Pond Kooragang Is Jan (HBR); Present Mason Park, Concord 3 Sep-31 Dec (NH); 1 Flowerdale Lagoon, Wagga 7 Jan (PG), 3+ Junee STW 15 Oct (MC); 25 Fivebough Swamp 16 Jan, very low count for site (KH) & 100+ on 23 Oct (MS), 68 Tuckerbill Swamp 22 Sep (MS), present Tullakool Salt Basin 29 Dec (JN); Medium size flocks at Lakes Nialia & Yelta Wentworth 28 Sep-7 Oct

(GLC). **Departure:** 2 on 17 Mar (CCBR). **Arrival:** 1 Pelican Is South West Rocks 22 Aug (KS), 2 Mason Park, Concord 2 Sep (Birdline), **Summer Wader Count 11 Feb:** 49 Richmond, 51 Clarence Estuary, 1 Tuggerah Lakes, 33 Shoalhaven (GC,Harris 2000), possibly more common inland in 1999 than on the Coast, coastal numbers show a real decline.

Curlew Sandpiper *C. ferruginea* 17 Chickiba Lake, Ballina 18 Mar (GC); 1000 Kooragang Is 13 Jan (HBR); Present Tullakool Salt Basin 29 Dec (JN); 1 Lake Nialia, Wentworth 23 Sep (AM), unusual location. **Departure:** 1 Kooragang is 21 Mar (HBR). **Arrival:** 5 Kooragang Is 14 Aug (HBR), 4 Picnic Pt 2 Sep (CCBR), 10 North Botany Bay 3 Sep (JSe). **Summer Wader Count Feb:** 63 Richmond, 570 Hunter, 2 Tuggerah Lakes, 6 Botany Bay (CCBR,Harris 2000).Coastal numbers well down over previous years.

Buff-breasted Sandpiper *Tryngites subruficollis* 1 reported from Lake Wollumboola 21 Mar (RBo), but no submission was made to BARAC. The observation therefore remains unconfirmed.

Ruff *Philomachus pugnax* 1 Gingham Watercourse 26 Jan (RC), only report.

Painted Snipe *Rostratula benghalensis* 1 Silverwater NR 3 Mar (TS); AM Carroll near Gunnedah 27 Jan (AA); 2 Gingham Watercourse 27 Jan (RC); 2 Fivebough Swamp 12 Oct (MS); 4 near Willandra NP 13 Sep (PR). More reports than usual for this "Endangered" and elusive bird.

Comb-crested Jacana *Irediparra gallinacea* Plenty of records for the Hunter Region including 2A+3Y Rathluba Lagoon 30 Jun & 1 Murrays Run 8 May (JC); 3A+3Y Gingham Watercourse 26 Jan (RC), further west than usual.

Bush Stone-curlew *Burhinus grallarius* 2 prs Karuah 12 Jul (DR); Possibly 10 pairs around Brisbane Water, but with nesting only reported from St Huberts Island in Oct & Nov (CCBR); N+2E Careel Bay 22 Nov (BC), these birds are probably part of the Brisbane Water population.; 1 Narooma SF all year, 6th year single bird has been present(ENHS); 2 Henty 4-30 Nov (SKo), first observation for observer at this site; HC The Homestead, Darlington Point 5 Apr (JDu).

Beach Stone-curlew *Esacus neglectus* 2 Sandon Estuary 13 Mar & 4 Dec (same banded bird present cf 1998 Report), 1 Redbank Estuary, Red Rock 20 Sep, 2A Dart Is, Yamba 4 Dec (GC); 2+1Y Manning Point Oct-Dec, where known to predate Little Tern chicks (CMA). Average year.

Pied Oystercatcher *Haematopus longirostris* 62 Patches Beach, Ballina 19 Jan (DS), & 40 on 25 Jun (BC); 22 Brisbane Water 10 Feb, highest count reported (CCBR). **Breeding:** 3 prs nesting Patches Beach, Ballina 28 Nov (ML); 2A+Y Carrington 24 Jan (HBR). **Summer Wader Count 11 Feb:** 4 Tweed, 16 Richmond, 5A+J Clarence Estuary, 4 Tuggerah Lakes, 22 Brisbane Water, 51 Botany Bay, 4 Shoalhaven (CCBR,GC,Harris 2000). **Winter Wader Count Jul:** 40 Botany Bay (ALe), numbers have declined from the peak of 60 in the early 1990's.

Sooty Oystercatcher *H. fuliginosus* 6, including some dependent young Broughton Island Jan (HBR); 18 reported Blue Bay 27 Apr (CCBR); 25 Long Reef 6 Mar (DF,SFr), 5 Bonnievale 8 Mar & 11 Cape Solander, Botany Bay NP (PDb); 78 counted between Ulladulla & Batemans Bay, the number higher than expected & 31 pairs were found occupying breeding territories on the offshore islands in the same area (LS).

South Island Pied Oystercatcher *H. finschi* Present Patches Beach, Ballina 16 Jan-Nov (BC,BT,DSt,GC, MA,SWi, Totterman et al 1999).

Black-winged Stilt *Himantopus himantopus* 100+ Cowper 6 Jul (GC); Present all months in lower Hunter except Jul, max 694 on 17 Apr, of which 400 were at Tarro Swamp (HBR); Present all year Tuggerah Lakes max 44 in Oct, 46 Colongra Swamp 4 Apr, with 4 nests Curly Island, Tuggerah Lakes Oct-Dec (CCBR); 182 Silverwater NR 3 Mar (TS) 35 Mason Pk, Concord 28 Apr (NH), highest count in 9 years; 20+ including juvs Tallawarra wetlands 20 Jan (DG); 100+N Red Bobs Res, Gunnedah 12 Nov (IDo); 200 Fivebough Swamp 11 Sep & 394 on 17 Oct (KH); **Summer Wader Count Feb:** 58 Richmond, 100 Hunter, 18 Tuggerah lakes, 12 Shoalhaven (Harris 2000).

Banded Stilt *Cladorhynchus leucocephalus* Present Tullakool Salt Basin 29 Dec (JN); Imm Lake Nialia, Wentworth with Avocets 28 Sep-7 Oct (GLC). Average year.

Red-necked Avocet *Recurvirostra novaehollandiae* 3 Clarence Broadwater 23 Oct (GC); Recorded every month in Hunter Estuary max 2000 in Jul, 4 Morpeth STW 20 Jun (HBR); 26 Fivebough Swamp 23 Jan, 90 on 17 Jul, 86 on 17 Oct & 250 on 5 Dec (JDu,KH), present Tullakool Salt Basin 29 Dec (JN); 1 N of Wilcannia 24 Jun (MC); 12 Lake Nialia 28 Sep-7 Oct (GLC).

Pacific Golden Plover *Pluvialis fulva* 52 Chickiba Lake 19 Mar (GC), 70 Pelican Is Port Macquartie 22 Nov (ABi); 98 Stockton 25 Nov (HBR); 40 Lake Wollumboola 22 Mar (CP), 160 Comerong Island 28 Dec (CPe). **Summer Wader Count Feb:** 99 Richmond, 39 Hunter, 12 Tuggerah Lakes, 18 Botany Bay, 49 Shoalhaven (CCBR,Harris 2000). Numbers down on previous years.

Grey Plover *P. squatarola* 1 North Botany Bay 21-23 Sep (DH); 1 Comerong Island 19 Sep (CPe) & 1 Swan Lake 23 Oct (KM); 1 Saltwater Creek, Ben Boyd NP 11 Dec (BJ). Fewer reports than usual.

Red-capped Plover *Charadrius ruficapillus* 52 Pelican is, Port Macquarie 22 Nov (ABi); 15 Lake Wollumboola 3 Apr (APa); 60 Shoalhaven Estuary 11 Feb (Harris 2000); Recorded at all South Coast lakes, estuaries & beaches throughout the year max 80 at Tuross Heads Dec & 50 Potato Point Nov-Dec with nests, eggs & chicks seen (ENHS).

Double-banded Plover *Charadrius bicinctus* 4 Stockton Sandspit 12 Jan (HBR); 57 Comerong Island 13 Apr (CP). **Arrival:** 3 Blue Bay 9 Mar (CCBR), 1 Moruya Heads 17 Mar (ENHS). **Departure:** 5 Toowoomb Bay & 75 Windang 13 Aug (CCBR,IBR). **Winter Wader Count Jul:** 18 Tuggerah Lakes (CCBR). Numbers down in South Coast Region (ENHS).

Lesser Sand Plover *C. mongolus* 1 Woody Head Reefs 27 Nov (GC); 15 Boat Harbour, Kurnell 14 Mar (TN); 4 Lake Wollumboola 11 Feb-14 Apr (CP). **Summer Wader Count 11 Feb:** 13 Richmond, 16 Hastings Estuary, 35 Clarence Estuary, 4 Lake Wollumboola (ABi, DG,GC,Harris 2000).

Greater Sand Plover *C. leschenaultii* **Summer Wader Count 11 Feb:** 36 Richmond & 51 Clarence Estuary (GC,Harris 2000). It is unusual for them not to be recorded elsewhere.

Inland Dotterel *C. australis* 11 (5A+6Y) N of Wyndam HSD, Wentworth 28 Sep-7 Oct (GLC), only report.

Black-fronted Dotterel *Euseyornis melanops* J Blue Haven 3 Oct, 11 Tuggerah Bay 18 Jun (CCBR).

Hooded Plover *Thinornis rubricollis* 3 Cunjurong Point 13 Mar, 3 Berrara 18 Apr, 2 Cudmirrah 2 May & 5 Jun, Lake Conjola (KM); 2 Mullinburra 15 Jan-3 Sep, 3 Broulee 14 Mar-Nov (AT,ENHS), 2 Tilba Lake 20 Mar-4 Apr (ENHS), 2 Tathra 24 Jan (IF). **Breeding:** nesting Lake Conjola 4 Dec (DMc) & Tilba Lake Dec (ENHS). Fewer reports than usual.

Red-kneed Dotterel *Erythrogonys cinctus* 1 Clarence Broadwater 23 Oct (GC). Max 8 Kooragang Is 17 Apr-26 Aug, 1-5 Morpeth STW 20 Jun, Pambalong NR 11 Sep, Stockton Borehole Swamp Sep-Oct, Shortland WC 2 Nov-12 Dec & 1 Ash Island 13 Nov (HBR); 1 Dairy Swamp, Tuggerah 23 Jan, 2 Tuggerah STW 20 Mar (CCBR); 6 Pitt Town Lagoon 23 Jun (EV), 10 Silverwater NR 3 Mar (TS), present Mason Park, Concord 14 Mar-30 Dec, max 9 on 14 Mar (BD,SWh,TKe), 1 Bicentennial Park Homebush 1 Jul (ARo); 30 Fivebough Swamp 11 Sep & 35 on 17 Oct (KH). More records from coastal regions than usual, but none from Illwarra or South Coast.

Banded Lapwing *Vanellus tricolor* 3 Cornwallis Rd Richmond 30 Jan, & 2 on 31 May (AP,CSh); 5 Marinna HSD Junee 10 Jun (MC), 2 western side of Lake Cowal 17 Jul (NL); 3 Tongo 23 Jun (MC); Common & nesting Willow Point HSD Wentworth 28 Sep-7 Oct (GLC). Very few reports received which would indicate that there has been a considerable decline in recent years.

Australian Pratincole *Stiltia isabella* No reports received in 1999.

Great Skua *Catharacta skua* Present off Grassy Head-South West Rocks 11 Jul-22 Sep, all single birds (LMc,KS); 1 Norah Head 3 Jul, 1st Central Coast record (CCBR); Present off Sydney, Mistral Point, Maroubra & Long Reef 14 Jun-16 Sep (AP,RG,MR), mostly single birds; 1 off Wollongong 25 Jul, 1 on 21 Aug (PM); Reported off Eden 16 May-17 Oct, max 3 on 19 Sep (BJ,GCl,EA,ENHS). **Arrival:** 2 Long Reef 22 Apr (MR), Magic Pt Maroubra 23 Apr (RG), early dates.

South Polar Skua *C. maccormackii* Reported off Wollongong 31 Jul (PM) but no submission made to BARC.

Pomarine Jaeger *Stercorarius pomarinus* 1 off Port Stephens 11 Feb (HBR); 2 Mistral Point, Maroubra 8 Mar, returned 23 Oct (DMe,RG), 5 off Sydney on 9 Jan, 1 on 13 Nov, 12 on 11 Dec (ASt); 1 off Wollongong 20 Oct (ASt); Reported off Eden Jan-Apr & Nov, max 35 on 17 Jan (BJ,ENHS).

Arctic Jaeger *S. parasiticus* 3 Nobbys Beach 26 Feb (HBR); 7 Sydney Harbour 20 Jan (MI), 36 Magic Pt Maroubra 14 Jan, 1 out of season bird Magic Pt Maroubra 15 Jul (RG), max 18 off Mistral Pt Maroubra 23 Oct-18 Nov (RG); 1 Merimbula after storm 20 Feb (SRo), reported off Eden Mar-Apr & Nov (ENHS). **Departure:** 2 Eden 18 Apr (ENHS), 1 Magic Pt Maroubra 23 Apr-16 May (RG). **Arrival:** 2 Magic Pt Maroubra 9 Sep (RG)

Long-tailed Jaeger *S. longicaudus* Max 9 off Maroubra 7-30 Jan (RG), 3 Long Reef 10 Jul & 1 on 24 Nov (EV,MR), 1 off Sybney 11 Dec (ASt); 4 off Wollongong 28 Feb, 6 on 27 Nov, 6 on 27 Dec (AP,ASt); Reported off Eden Jan-Feb & Nov, max 4 on 17 Jan (BJ,EA,ENHS).

Pacific Gull *Larus pacificus* Im North Botany Bay 9 Jan & 1-12 Jun (AP,CSc); No Illawarra records; Reported off Eden Feb-Nov max 9 August-Sep, but none reported further north in the South Coast Region (BJ,EA,ENHS).

Kelp Gull *L. dominicanus* A off Sydney 7 Aug (AP), present 2 off Magic Pt Maroubra Jan-Oct, max 4 on 21 Jun (EV,RG); 4A+5J off Wollongong 3 Jul, 10 on 25 Jul (PM); no reports from the South Coast despite regular offshore birding trips.

Silver Gull *Larus novaehollandiae* 500 nests Cockatoo Island Aug (PR), new nesting site in Sydney Harbour.

Gull-billed Tern *Sterna nilotica* Recorded Stockton Sandspit Jan-Sep, max 3 (HBR); 1 Birdie Beach MSRA 20 Aug (CCBR); 1 Lake Wollumboola 2 Jan & 6 on 31 Jan (RBo), rare south of Sydney; 200+ foraging over saltbush plains near Toogumbie Tank, Hay 27 Sep (GC), a known nesting site.

Caspian Tern *S. caspia* 23 Rabbit Is, Yamba 11 Feb (GC); Reported all year Hunter Estuary, max 19 Kooragang NR 17 Apr (HBR); Present all year Tuggerah Lakes max 20 in Oct (CCBR); 1 Bicentennial Park, Homebush 14 Aug (DH), unusual location; 22 Windang 14 Jun (IBR); Regularly reported from the South Coast at all estuaries and coastal lakes max 10 Tuross Heads Oct (ENHS).

Roseate Tern *S. dougalii* 1 Woody Head, Iluka 24 Jan (HW), referred to NSWORAC and accepted as the 5th confirmed record for NSW.

White-fronted Tern *S. striata* Present off the Central Coast from 26 Jun-3 Jul at Toowoona Bay Reefs & Soldiers Point (CCBR); 1 McMahon's Point 1 Apr (TN), 1 off Sydney 7 & 14 Aug (AP), 1 off Long Reef 10 Jul (EV), present off Magic Pt Maroubra 8 Jun-6 Oct, max 9 on 15 Aug (EV, RG); 1 off Wollongong 10 Jul, 2 on 25 Jul, 3 on 21 Aug (PM); Present off Eden 18 Apr -19 Sep, max 3 (BJ, ENHS), 1 Tuross Heads 29 Jun-Aug (ENHS). **Arrival:** 1 North Botany Bay & off Eden 18 Apr (BJ, RG), 3 Toowoona Bay Reefs 26 Jun (CCBR); 3 Long Reef 4 Jul (MR). **Departure:** 4 off Eden 19 Sep (EA), 1 Mistral Point Maroubra 6 Oct (RG), a late date.

Common Tern *S. hirundo* 100+ Stockton Beach 11 Jan & 40 Newcastle Baths, highest counts for Hunter Estuary (HBR); Present Central Coast Jan-Feb, Oct-Dec, max 1500 Soldiers Point 25 Oct (CCBR); 1 Batemans Bay 8 Feb & 15 Tuross Heads 24 Dec (ENHS). **Arrival:** 2 Iluka Bluff 1 Aug (GC), 2 off Wollongong 26 Sep (AP). **Departure:** Norah Head 9 Mar (CCBR), 1 Sandon 13 Mar (GC), 1 Mistral Pt 14 Mar (RG).

Arctic Tern *S. paradisea* 1 in full breeding plumage off Wollongong 29 Aug (AP), 35th NSW record. Consistent with known records.

Little Tern *S. albigrons* Max 64 Tuggerah Lakes Feb (CCBR), 80 Potato Point Dec (ENHS), 120 Lake Wollumboola, many nesting 23 Jan (CC). **Departure:** 6 Delicate Nobby 23 Mar (KS), 3 Pelican Point 10 Apr (CCBR); Predation of nesting birds at Forster recorded for the period 1994-96 (Rose 2001). **Breeding:** 2-3 prs attempted to nest Lake Cakora, Brooms Head 4 Dec (GC); 80+ pairs nested Harrington/Manning Point Nov-Dec (NPWS), 3A+J Myall Lakes NP 26 Jan (HBR); 24 nests Towra Spit 10 Dec (GRs); 12

flying young present South Tuross Beach Feb (Whiter 2000), 16 nests Lake Wollumboola 4 Nov-4 Dec, 4 nests Lake Conjola 4 Dec, 35-40 prs, 21 nests Tuross Heads & 35-40 prs, 7 nests Wallaga Lakes 3 Nov-11 Dec (DMc,ENHS,GRs). About 170 prs nesting in NSW 1999/2000.

Sooty Tern *S. fuscata* 10 Ballina Lighthouse 2 Nov (MR); 2 off Sydney 9 Jan, 2+ J on 13 Feb, 1 on 13 Mar, 10 off Sydney 11 Dec (ASt,DCo); 1 off Wollongong 28 Feb (PM), 6 off Lake Wollumboola 5 Dec (AR); 2 east of Tuross Heads 5 Dec (PM). Becoming more common on the NSW coast.

Whiskered Tern *Chlidonias hybridus* Max 31 Clarence Broadwater 23 Mar-22 May (GC); 2 Kooragang Island 18 Sep (HBR); 9 Pitt Town Lagoon & 7 Bushells lagoon 28 Oct (KB); 2 Sunny Corner 16 Jan (PDb), unusual location.

White-winged Black Tern *C. leucopterus* 40+ Clarence River near Clarence Broadwater 23 Mar (GC), 1 off South West Rocks 1 May (LMc); 3 Harrington 17-24 Apr (BH1,JH); 1 off Mistral Pt Maroubra 30 Nov, 26 & 29 Dec (DMe); 1 Killalea Lagoon 3 Jan (CB), max 6 Lake Wollumboola 24 Jan-27 Mar (CC,DG); 10 Red Bobs Res, Gunnedah 31 Oct (JPe). These records (other than the Gunnedah record), would indicate a passage northwards along the NSW coast in summer and early autumn.

Common Noddy *Anous stolidus* 1 Crowdy Head 15 Jan (RW), 34th NSW record, consistent with known status.

Black Noddy *A. minutus* 2 Woody Head, Iluka 13-27 Nov (per JH,GC); 1 off Wollongong 26 Sep (PM), first record for the Illawarra. 24-26th NSW records.

Grey Ternlet *Procelsterna cerulea* 1 beachcast Tallows Bch Byron Bay 21 Feb (DMi), max 10, 8 km S of South West Rocks 15-25 Mar (KS); 1, 34 n.m. ENE Port Stephens 30 Jan (NCh); 1 Long Reef 16 Apr (MR); 2 off Wollongong 28 Feb (PM). The numbers recorded off NSW continues to rise 23-27th NSW records.

White Tern *Gygis alba* 1 off Long Reef 29 Mar (MR); 1 off Wollongong 23 May (PM). 27th -28th NSW records.

Collared Dove *Streptopelia decaocto* 1 Chittaway Point 20 Feb & breeding freely in the garden of Wombat St Berkeley Vale (CCBR).

White-headed Pigeon *Columba leucomela* Common in the Clarence Valley max 25 Koukandowie Ck, Coutts Crossing 26 Jun (GC); Moderately common in the eastern section of the Hunter Region, max 50+ Pipers Bay 21 Aug (HBR); Present all year

Central Coast including 63 feeding beneath one Camphor Laurel Tree, Lisarow 25 Jun & 60+ Uni Campus Ourimbah 9 Oct (CCBR); 30 Turramurra 30 Jun (TW), 2 Oatley Park 24 Jul (DK), 3 Killara 17 Aug (HR), 12 feeding in an *Albizzia sp* St Ives 6 Oct (RCI); 1 Mossy Point 29 Aug (AC), 2 Mollmook 5 Aug; (KM); Present all year South Coast, max 10 Wallaga Lake Sep, furthest south reported. Immatures at Tuross Heads Feb & Moruya in Apr (ENHS); 1 Scone Airport 19 Sep (per MH); Present Wentworth Falls gardens Aug-Sep (RD), max 2 Blackheath 29 Jul-13 Dec (GJ), 1 Bilpin 7 Nov (MCo) also reported from Valley heights 23 Apr, Springwood 1 May & Kurrajong Heights 8 May (AS). Continues to expand its range.

Brown Cuckoo-Dove *Macropygia amboinensis* Present Blackheath on 27 Jul-6 Sep, HC Katoomba 9 Oct, also Fairy Bower, Mt Victoria (GJ,GP), rarely reported from the top of the Blue Mountains (previous limit was Faulconbridge); 1 Tilba Lake 13 Mar, furthest south reported (ENHS) in 1999.

Emerald Dove *Chalcophaps indica* 1 65 km W of Wauchope 28 Jan (ABi), 1 Ingalba SF 26 Mar, 2+ resident Grassy Head, 2 McGuire's Crossing Aug-Sep, 1 South West Rocks 2 Sep & 1 Hat Head NP 16 Sep (KS,ARc), 1 Rocky Creek dam, Lismore 19 Jun (GC), 1 Kerewong SF, Wauchope 13 Jul (BE); 1 Katandra SR 24 Apr, Cut Rock Rd Ourimbah 24 Oct & 1 Brush Rd Glenning Valley 10 Dec (CCBR); 1 Copeland FR 26 Jan, 1 Shortland WC 26 Feb, 1 Glenrock SRA 22 Aug (HBR); 1 Bradleys Head 7 Apr (BH), 1 St Ives 13 Apr (RCI), 1 Blackman Pk, Lane Cove 9 May (BMc), 1 Cobbitty 5 Jun (IB), 1 St Ives 26 Aug (RCI); 1 Albion Park 15 Mar (KM), 1 Jamberoo Pass 20 Jul (RJo); 1 Burrewarra Point 9 Mar (ENHS). Good spread of records along the NSW coast.

Spotted Turtledove *Streptopelia chinensis* Pairs and small groups regularly reported as far south as Bermagui (ENHS).

Brush Bronzewing *Phaps elegans* Regularly reported in small numbers Belmont Swamp Jan-Feb, Sep-Oct, also Old Bar 4 Feb, Salt Ash 20 Nov & Myall Lakes NP 22 Dec (HBR); 1 Tuggerah Bay 2 Jan & 28 Nov, 2 Warrah Trig 21 Oct (CCBR); 2 Deepwater Pk, Narrabeen 4 Feb (KB), 1 Red Hill 25 Nov (BC), 2 Deep Creek, Narrabeen 15 Dec (BC); 1 Budderoo NP 29 May (ML); 1 Mullimburra Jan & 1 Shallow Crossing Road 28 Feb (ENHS).

Diamond Dove *Geopelia cuneata* 5 Baradine 1 Mar (DJo); 2A+2Y Dubbo 8 Apr (ME); Reported in 3 compartments in Binya SF (KH); Small numbers Willow Point HSD Wentworth 26 Sep-7 Oct (GLC).

Peaceful Dove *G. striata* On the Central Coast, only reported from Somersby & Mangrove Mountain (CCBR); 1 Cunjurong Point 13 Mar & 1 Ulladulla 18 Sep (KM), rare in Illawarra Region.

Bar-shouldered Dove *G. humeralis* Widespread & common on the Central Coast, nesting Mangrove Mountain Aug-Dec (CCBR); 2 Maroota 31 Mar & 3 Yarramundi 24 Mar (KB), 1 Jamieson Pk, Narrabeen 27 Apr (DH), 1 Manly Dam 24 Nov (DS); 12 Darkes Forest 18 Feb (CC), 1 Jamberoo 12 Aug (DG), 1 Toolijooa 14 Sep (CPe), 1 Curramore 6 Nov (KM); 14 Binya SF 12 Jun (KH), 2 Sims Gap, Rankins Springs 27 Sep (GC). Expanding its range across the County of Cumberland & south along the Illawarra Coast.

Wonga Pigeon *Leucosarcia melanoleuca* Nesting Balickera 19-21 Nov, the egg hatching later, first confirmed breeding record for the Hunter Region (HBR);

Superb Fruit-Dove *Ptilinopus superbus* Immature caught fence in at Gorokan PS 1 Sep (CCBR), 6th Central Coast record; 1 hit window Gerroa 21 Apr (RBo), 10th Illawarra Region Record; 1 Aranda bushland, Canberra ACT 19 Mar (IF), 2nd ACT record. The Gorokan record is outside the usual autumn visit period to Central and south coastal NSW.

Rose-crowned Fruit-Dove *Ptilinopus regina* AM flew into window Richmond Hill 15 May (JH), 1 Victoria Park NR 22 May (AR), 1 Iluka NR 31 Jul in Celerywood *Polyscias elegans* & HC same place 1 Aug (GC).

Wompoo Fruit-Dove *Ptilinopus magnificus* 2 Boonanghi SF 23 Jan, 2 Grassy Head Jul & Dec, 2+ Victoria Park NR 22 May (AR), 8 Woolgoolga FR 9 Jun (EV), 1 Hat Head NP 17 Aug & 27 Sep, 2 McGuires Crossing Aug-Sep, 3 Way Way SF 27 Dec (KS,ARc), 1 Bowraville 15 Apr, 2 Dorrigo NP 19 Apr (RT), HC Queens Lake SF North Haven 4 Jul (ABi), seen & HC Mt Warning 30 Dec (ML), 1 Rummery Park, Whian Whian SF 19 Jun (GC); Reported Jan-Apr, Sep-Dec at Allyn River, Chichester Dam, Lathams Dam, Copeland FR & SF, max 5 at Copeland SF 2 Oct, 1 injured Bolwarra Heights 21 Sep, unusual location (HBR).

Topknot Pigeon *Lopholaimus antarcticus* Reported from many North Coast sites 16 Feb-26 Aug, max 180 flying over Minnie Water 20 May (GC) & 150+ Main Arm, Mullumbimby 29 Mar (RMO); Moderately common in eastern part of Hunter Region throughout the year, max 100+ Coopernook FP 15 May (HBR); Present Central Coast all year, particularly the Ourimbah-Gosford area May-Aug, max 500 on 4 May & 110 on 24 Aug (CCBR); Very common in the Sydney Region in from 25 Apr-6 Oct, large numbers were reported including: 70 Pacific Hwy Lindfield 4 Jul (MO), 150 Chatswood 9-12 Jul (HR), 60 Audley Royal NP 8 Aug (HR), max 200 Royal Bot. Gardens 17 Sep-18 Oct (ALe,RCv) & 80 Centennial Park 29 Sep (JRo); Very common in the Illawarra Region from Bass Point 15 Jun (MRb) to 14 Coolangatta 3 Dec (KM), with large numbers being reported including: 50 Barren Grounds NR 15 May (RB), 60 Macquarie Pass 16 May (IBOC), 50+ Mt Keira Girl Guide Camp 23 Jun (BH) & max 50 Toolijooa 12 Jun-24 Jul

(CP); Present on the South Coast May-Sep, max 20 Bodalla Forest Park 12 June (ENHS) & 13 Millingandi 12 Jul (ER) being the most southern record for 1999.

Red-tailed Black Cockatoo *Calyptorhynchus magnificus* 7 Walgett 6 Oct (GBo); 4 Wilcannia 14 Sep (ME), 2 RK Brewarrina 17 Oct (GC). Few reports but all within the known range.

Yellow-tailed Black Cockatoo *C. funereus* Moderately common Hunter Region, max 80+ Oyster Cove 20 Nov (HBR); Recorded all year Central Coast, max 60 Mt White 20 May (CCBR); Max 60 Kyeemagh 20 Mar-22 Nov (RMO), 20 Stanmore 17 Jul (MHi), 100 Centennial Park 24 Sep (Birdline); 53 Darling Point 28 Aug (SF), 100+ Centennial Park 5 Oct (JRo); 75 Cordeaux Dam 22 Jul (CC), a large number for the Illawarra Region; Present all year South Coast, max 42 Tilba Lake 15 May (ENHS); 100+ Kings Tablelands 1 Aug (CP). Still common in Sydney.

Glossy Black Cockatoo *C. lathamii* Reported from the North Coast all year from 22 locations including 5 feeding on fruits of *Allocasuarina littoralis* at Fortis Ck NP 21 Aug (GC), with 2A+J Brunswick Heads 1 Apr (RMO); Reported from the Hunter Region all year from 6 locations max 5 Wingen 19 Sep, and 2A+1Y Laguna 29-31 Oct & 28 Nov, first breeding record for the Region since the 1980's (ABi,HBR); Present Central Coast all year, being reported from 14 locations, max 7 Cromelin Arboretum, Pearl Beach 6 Apr, with adults and dependent young being reported from Mangrove Mountain 24 Jan, 21 Aug, 14-21 Dec, Kooree Guide Camp 1 Nov & Lemon Tree 4 Dec (CCBR); Present Sydney Region all year from 14 locations including 3 Lapstone all year feeding in *Allocasuarina torulosa* (RT) & 2+J Hungry Bch Trail, Kuring-gai Chase NP 7 Jan (GG); Present Illawarra Region all year reported from 8 locations including 20 Lower Nattai River 15 Dec (IBR); Reported from 14 locations all year from South Coast max 5 Burrewarra Point daily during Dec (ENHS); Reported from Central Tablelands all year from 13 locations including 15 White Box Camp, Goulburn RNP 28 Feb & 4 on 6-8 Aug (HBR) & 2 Lee's Pinch GRNP 20 Apr, feeding in *A. distyla* (RT); 20-30 Salt Caves Pilliga East SF 21 Sep (ABi); 3 Naradhan 10 Apr (EAt), max 6 Brobenah Hills 4-31 Aug (AMc,MS). Plenty of reports from Eastern NSW but only a few reported from the South West Plains Region.

Gang Gang Cockatoo *Callocephalon fimbriatum* Present in small numbers at Laguna throughout the year, with 2A+J on 11-12 Sep & 28 Nov (HBR); Small numbers present Central Coast at Palmdale, Murrumbung HSD Mardi, Bucketty & Dubbo Gully Mar-Oct (CCBR); Present South Turrumurra all year, max 6 (DL); Resident on the South Coast max 30 including dependant young Tuross Heads Dec (ENHS); 2 feeding on Narrow-leaved Geebung *Persoonia linearis* drupes Capertee Valley 31 Oct (TQ).

Sulphur-crested Cockatoo *Cacatua galerita* 40+ in Pecan Nut Trees at Ulmarra 2-15 Jul (GC) uncommon in the Clarence Valley but numbers increasing; 300+ Jerrys Plains 21 Apr, high number for this location (HBR); 112 Centennial Park 30 Jul (PDb); Resident on the South Coast max 50 Moruya 8 Feb (ENHS); 300+ flying to roost Capertee Valley 23 Feb (CP), 200+ feeding on ground Glen Davis 25 Apr (MH).

Long-billed Corella *Cacatua tenuirostris* 3 South West Rocks where resident, present since 1990 (KS), 1 Gladstone 4 Oct (ABi); Present all year Toukley-Wyong-Chittaway-Long Jetty, max 46 Berkeley Vale 17 Mar, smaller numbers elsewhere on the Central Coast (CCBR); 130 Caringbah 3 Jul (PRa); 25 Bong Bong 3 Oct (GB); Max 20 Moruya 8 Feb-17 May (ENHS); 6 Bective Dec (EFa). Continuing to expand its range in NSW coastal and tableland areas.

Little Corella *C. sanguinea* 13 Kempsey 23 Jan-30 Mar (KS), 16 South West Rocks where resident (KS), 150 Geneebeinga Wetlands 2 Apr (ABi); 100+ Arrowfield 1 Jul (HBR); 80+ Caringbah 12 Mar (PRa); Resident on the South Coast max 32 Tuross Heads 5 Feb & 50 Moruya Dec (ENHS). As for Long-billed Corella.

Major Mitchell's Cockatoo *C. leadbeateri* 10 Back Mimosa Rd Ingalba NR 6 Jun (MC), on eastern edge of range; 20 at Lake Cargelligo Motel 7 Mar (CPa), 30 Griffith Golf Course 22 Jul (SC), 1 30 km W Rankin Springs 6 Sep (MBu), 3 Binya SF 3 Oct & 2 Kamarah 21 Nov (KH); 50+ 100 km W of Tilpa 13 Sep (ABi).

Rainbow Lorikeet *Trichoglossus haematodus* 1000+ Castle Hill 15 Feb (RDU), large roost; Max 6 Griffith Golf Course 20 Apr-22 Jul (SC), well west of usual range;

Scaly-breasted Lorikeet *T. chlorolepidotus* Resident on the Central Coast in small numbers max 6 Budgewoi 20 Mar, 3 Jul & 21 Aug (CCBR); 6+ feeding with Rainbow Lorikeets in Bottlebrushes in street trees at Erskineville Mar-Apr (PDb); 10+ Borambla Ck Rd Willowtree 4 Oct (PDb); 2+ Barraba 3 Apr (AS). The last 2 records are west of normal range.

Musk Lorikeet *Glossopsitta concinna* Common on the Central Coast all year where feeding in flowering Blackbutt *Eucalyptus pilularis* Jan-Mar, Swamp Mahogany *E. robusta* Apr-Aug, max 30 Pearl Beach 23 May (CCBR); 10 Woollahra 4 Apr, 2 Surry Hills through Apr (CG), 20+ Rozelle Hospital 14 Mar (SW), 80+ Sydney Uni, Glebe 14-27 Mar (AM,SW), max 30 Seven Hills Mar-9 Aug (EV), 100+ Leichhardt 4 Apr (DC), many Parramatta Park 4 May-11 Aug, often in mixed flocks feeding on Spotted Gum *E. maculata*, many feeding in Swamp Mahogany 16 May (HJ), 30 Erskineville & 40 Capatin Cooks Landing Place 8 May (PDb), 30 Dee Why Lagoon 29 May (PDb), 6 Macquarie Fields 11 Jul (LG); Max 300 Primbee Mar, with lesser numbers at Cordeaux dam, Lake

Heights, North Nowra, Cudmirrah, Bulli, Fairy Meadow & Lake Illawarra South Feb-Mar (CC), 30 Werri Beach 11 Jun (MRb), 20 Wollongong Bot Garden 23 Jun (JW), 20+ Sussex Inlet 31 Dec (KM); Present all year on South Coast max 100+ Tomartin Mar & Burrewarra Point Dec (ENHS); 50+ Borambla Ck Rs Willowtree 4 Oct (PDb); 6 Jindalee SF 19 Sep (JB); 5 Mullaley 25 Sep (GC). Large numbers present in south-east NSW in 1999.

Little Lorikeet *G. pusilla* Small numbers on Central Coast feeding in flowering Swamp Mahogany May-Aug, being seen at Canton Beach, Catherine Hill Bay, Tuggerah Bay & Woy Woy (CCBR); 1 Leichhardt 9 Apr (ML) unusual location, 2 Scheyville NP 21 Nov (LJ); Reported Jan-Sep on South Coast, max 20 Corunna Lake 9 May (ENHS); 10+ Jamieson Valley Clarence 25 Feb (CP), rare in the Upper Blue Mountains, 500+ Capertee Valley 4 Nov (EV), a large concentration.

Purple-crowned Lorikeet *G. porphyrocephala* No reports in 1999.

Superb Parrot *Polytelis swainsonii* 35 between Grenfell & Young 7 Jan (per IF), 30 Stock Route Rd Grenfell 12 May (AO), 1 Yellow Rock 18 Jul (WW), 6 near Young 16 Sep (PR), 5 Woodstock 26 Nov (SWh), F Cudall 6 Dec (BPh); 4 36 km N of Booroowa 17 Jul (FJ), 100 Binalong 1 Oct (JL), , 10+ Wallendbeen 19 Sep (JB); Resident Boorowa where 9 at Cemetery 30 Oct (JF); 10+ Namoi R, Carroll Oct (AA), a late date; 2 Warrumbungle NP 22 May (PO); 50 Combanning 3 May, 30 Weddin NP 12 May (SK), 10 Jindalee SF 19 Sep-16 Oct (JB,NL), 6+ Old Junee 23 Oct & 16 Nov (MC); Many groups between Tullamore & Trundle 4 Apr (FOC), 4 AM Wangaratta HSD, Warren 31 Dec (HJ), this is a very unusual record because this species is usually only an autumn-winter visitor to the Central West Plains; 7 McKennas Lagoon 30 Dec 98 (DPI), 25 Arcadia HSD, Narrandera 23 Jan & 13 Oct (JSt), 17 The Homestead, Darlington Point 2-5 Apr (JDu), 3 Leeton 4 Jul, 2 Binya SF 15 Sep, 2A+2Y Bundigarie HSD Narrandera 27 Nov (KH), 30+ 10 km E of Deniliquin 1 Aug (JFo), 12 Burcher 7 Aug (PPE), 30 Walsh Shed, Leeton 8 Jan (JSI), 10+ Narranderra Range Aug, 20+ 10 km E of Denniliquin 1 Aug (JF), 4 Fivebough Swamp 28 Jul & 13 on 27 Aug (MS), 12 Cadell Rd Colleambally 14 Sep (BM), 50 Innisvale Lane, Narrandera 18 Sep (MRo), 2 Rankin Springs 25 Sep (JA), 3 Yanco 10 Oct (NSm). A good spread of records and more reports than usual.

Australian King Parrot *Alisterus scapularis* 40-50 Ellalong 15 Mar (HBR), highest count for Region; 20+ Burrendong Arboretum 1 Aug (JFo), western limit of range.

Red-winged Parrot *Aprosmictus erythropterus* 2 White Box Camp, Goulburn RNP 6-8 Aug & 31 Dec (HBR), AM Turrill SF 17 Sep (AM), eastern edge of range.

Swift Parrot *Lathamus discolor* 30 Moonee Beach NR 9 Jun (EV); 1 dead Port Waratah 29 Apr (HBR); 5 Nurringingy Res 9 May (EV), 15 South Turrumurra 26 May (DL), max 30 Blackett 26-30 Jul (RCv), 1 Mulgoa 2 May (MH); 1 Spring Ck Bodalla SF 28 Aug (ENHS); 80 Capertee Valley 7-29 Apr, 15+ on 21-23 May (PDb) & 5 on 3-17 Jul (AR,TQ,NKi); 6 Waniassa, Canberra ACT 4 Apr (IF); Max 3 Jindalee SF 3 May-12 May, 70 Combanning SF 3-4 May, 30 Ingalba NR 4 May, 30 Charcoal Tank NR 5-6 May, 21 Weddin NP 6-12 May (SK). More records than usual although none on the Central Coast & Illawarra and only one in the Hunter Valley. The importance of the Mugga Ironbark *Euc. sideroxylon* forests on the Central & Southern Tablelands for these wintering birds has been highlighted by Kennedy & Overs (2001).

Crimson Rosella *Platycercus elegans* 50+ Table Bay Ck, Widden Valley 12-16 Jun (HBR), large concentration.

Eastern Rosella *P. eximius* Spreading into eastern Lake Illawarra suburbs with records at 1 Windang 2 May & 2 Lake Heights May (CJC).

Pale-headed Rosella *P. adscitus* Small numbers at 3 localities around Moree 17-18 Oct (GC); 1 Dubbo 8 May (DMp), beyond the normal south-west limit of range in NSW.

Red-rumped Parrot *Psephotus haematonotus* 8 Manning Point 24 Oct (ABi), unusual coastal location; 3 Centennial Park 26 Jan (MSy). Unusual location but the species is on the increase in eastern & western Sydney.

Budgerigar *Melopsitticus undulatus* 10+ Currajong SF 27 Oct (MC), furthest east record for 1999; 25 Lake Cargelligo 7 Mar (CPa), 30 Lake Wyangan 23-26 Jun (JDu), 200 Binya SF on 16 Oct (KH), 5 near Goolgowi 27 Sep (GC), 30+ Koonadan 30 Oct (PDP); 15 near Balranald 28 Sep, 30+ W of Cobar 13 Oct (GC). **Arrival:** 20+ Nulla HSD Wentworth 22 Sep (AM), 9 Binya SF 25 Sep (KH).

Bourke's Parrot *Neopsephotus bourkii* No reports in 1999.

Blue-winged Parrot *Neophema chrysostoma* 1 sitting on top of a bush near Lake Cargelligo 23 Sep (AR), 30+ Traegars tank, Willow Point HSD Wentworth 28 Sep-7 Oct (GLC). Only two reports but within the known range.

Turquoise Parrot *N. pulchella* 2 Elim Heights, Putty Rd 20 Mar (AH), 6 Myall Lakes NP all year, 1 Salt Ash 20 Nov (HBR); Max 6 White Box camp all year & 2 Spring Gully, Goulburn River NP 4 Apr (RQ,HBR), max 4 Capertee Valley all year (DPo,EV,PDb,RT), 3 Glen Davis Museum 4 Dec (EV), 2 Binalong HSD, Glen Alice, 2 Glen Davis Museum 30 Dec (DG); 2 Backyamma SF 7 May-22 May, 20+ on 24 Sep (AO,AR,JF); 4 Farrer

School, Tamworth Oct (RGU), 4 Dungowan Oct (AA); 2 Holy Camp, Weddin NP 12 May (AO), 2 Ingalba NR 22-23 Sep (MC); 12+ Borah Res Barraba 4 Apr (AS); 4+ Lake Burrendong 21 Jul-26 Nov (CD), 1 Minore near Dubbo 15 Sep (ME); 2 Spring Hill Cocoparra NP 12 Sep (BM); 1 Tullys Hill 25 Jul, present 4 compartments Binya SF (KH). A good spread of records across the State.

Ground Parrot *Pezoporus wallicus* 1 Vincentia 23 Apr (JA); 15 counted between Little River and Howe Heaths, Nadgee NR 15 Jan (AF), 1 Haycock Pt Pambula 20 Feb (SRO). The Vincentia and Pambula records are for new sites.

Oriental Cuckoo *Cuculus saturatus* 1 Frederickton 18 Mar & West Kempsey 20 Mar, same bird? (KS); 1 Shortland WC 7 Jan (HBR); 2+2 J Mangrove Mountain 22-26 Dec, 4th Central Coast record, 2 birds were brown juveniles the other was fully coloured adult male (CCBR); 1 Mitchell Park, Cattai 17-27 Feb and a female (hepatic) on 14 Apr (BC,CB,LJ,KB), same locations as 2 years previous. Good year, more records than usual.

Pallid Cuckoo *C. pallidus* 2 Westhaven Rd Merriwa 5 Jul (HBR), winter record; 1 Tempe 27 Nov (BWa), interesting inner city record; 1 Toolijooa 24 Dec (CP); 1 Tilba Lake 31 Jul (ENHS); J being fed by Yellow-tufted Honeyeater Kentlyn Jan (RT), Im Woodford 12 Feb (RH) rare in the Blue Mountains. **Departure:** 1 Fivebough Swamp 8 May (MS). **Arrival:** 1 White Box Camp, Goulburn RNP 6 Aug (HBR), 1 Scheyville NP 15 Aug (DM), 1 Capertee Valley 16 Aug (RT), 1 Lake Burrendong 24 Aug (CD), 1 Kinchela Ck 3 Sep (KS) & Couatts Crossing 6 Sep (GC), arriving late at Mangrove Mountain 23 Sep (CCBR).

Brush Cuckoo *Cacomantis variolosus* A feeding J at Mangrove Mountain 26 Dec (CCBR); 1 Scheyville NP 30 Jan (BC), Imm Cattai NP 22 Feb (DH), some out of season records at Meringo in Jun, July & Murrinburra May, Jul & Aug may be misidentifications (ENHS). **Departure:** 1 Bolwarra 22 Mar (HBR), 1 Woodford 16 Apr (MLy), 1 Mangrove Mountain 18 Apr (CCBR). **Arrival:** 1 Tanban SF 9 Oct (KS), 2 Cattai NP 16 Oct (EM), 2 Palmgrove 17 Oct (CCBR).

Fan-tailed Cuckoo *Cacomantis flabelliformis* J being fed by Large-billed Scrub-wren Main Creek 21 Feb (HBR); J being fed by Brown Thornbills at Broulee 10 Jan & Kentlyn 22 Jan (ENHS,RT).

Black-eared Cuckoo *Chrysococcyx osculans* 1 Wilton Oval 24 Nov (JZ), second record for Illawarra Region, previous record Camden Jan 1977 (Chafer et al 1999); 1 Lake Burrendong 24 Aug-17 Sep (CD), 1 Goolooinboin HSD, Glen Davis 11 Dec (PDb), 2 Capertee Valley 19 Dec (EV); 1 Weddin SF 10 May (SK); 1 Wittenbra SF Bugaldie 6 Jul (AM); 1 Tullys Hill, Leeton 24 Apr (MS), 1 Binya SF 9 May & 4 on 24 Jul, feeding on

Caper White caterpillars (KH), 1 Bungambil SF 11 Jul (RWh), 1 Stackpoole SF 28 Aug (SC), 1 Taleeban Res 26 Sep (SC); 1 Tarawi Bore, Tarawi NR 23 Sep (AM), several birds seen Willow Point HSD & Lake Nialia, Wentworth 28 Sep-7 Oct (GLC), 1 Whoey Tank, Round Hill NR 3 Oct (JL). A good year with more records than usual.

Horsfield's Bronze-Cuckoo *C. basalis* 1 Millbank Aug & J Belmore Swamp 8 Oct, being fed by Superb Fairy-wren, observer's first observation since 1996 for the Macleay Valley; J fed by Superb Fairy-wren Shortland WC 7 Jan & Brown Thornbill at Hallidays Point 3 Jan (HBR); J being fed by Superb Fairy-wren Mangrove Mountain 25 Dec (CCBR); 1 Maroubra Rifle range 11 Jul (EV); Recorded all year on the South Coast with juveniles reported in Jan, Oct & Dec (ENHS); 12 Shingle Hut Ck, Cocoparra NP 11 Jul (PMo).

Shining Bronze-Cuckoo *C. lucidus* Reported all months of the year on Central Coast with more records than usual (CCBR); J being fed by Yellow Thornbills Moorebank 12 Jan (RT), 13 Cattai NP 23 Feb (BC), 1 of the New Zealand race Cattai NP 18 Oct (PAN); Present on the South Coast from 28 May-26 Dec (ENHS).

Little Bronze-Cuckoo *C. minutillus* HC Hat Head 18 Aug & Frederickton 24 Nov (KS), HC Champions Ck Tucabia 24 Sep, Coutts Crossing 27-28 Oct & South Grafton 29 Oct (GC), 1 Conglomerate SF Red Rock 27 Dec (CA). Average year.

Common Koel *Eudynamis scolopacea* 1 Leichhardt 20 Mar (LJ), 1 Hyde Park, Sydney 7 Dec (CS), unusual locations; 1 Robertson 13 May (RB), 2 Broulee Jan (AT); Reported as far south as Wallaga Lake Jan-Feb (ENHS); FHC Katoomba 14 Dec (CP); 2 Campbell Park 11 Mar, 1 O'Connor, Canberra ACT 28 Mar (per IF); AM Gowrie near Tamworth Dec (GMi); 1 Gol Gol 6-12 Nov (BM). **Departure:** Late Juv Wentworth Falls 12 Apr (CPk), J being fed by Magpie-lark Lawrence 13 Apr (GC), J Chittaway Point 20 Apr (CCBR), 1 Barren Grounds NR 13 May (RB). **Arrival:** 1 Jannali 17 Sep (per DSi), 1 Matcham 24 Sep (CCBR), 1 Valley Heights 25 Sep (NB), 1 Nowra 27 Sep (CB), 1 West Kempsey 29 Sep (KS), Burrewarra Point 3 Oct. **Breeding:** J being fed by Red Wattlebirds Shortland WC 7 Jan & 3 Feb (HBR), at Berkeley Vale, Chittaway Creek & Wyoming Jan-Mar (CCBR), at Surf beach on 11 Feb (ENHS) & another Bonnievale 8 Mar (PDb). J fed by Little Wattlebird Berkeley Vale East 23 Feb and AM Koel fed cherry tomatoes to Juv Berkeley Vale 4-8 Jan (CCBR).

Channel-billed Cuckoo *Scythrops novaehollandiae* 10 Jerrys Plains 15 Nov (HBR); 2 Broulee Jan (AT) & many records for the South Coast the most southern being 2 at Tuross Heads 27 Dec (ENHS); 1 Canberra ANU Campus 10 Mar & 1 Bungendore 6 Mar (IF), very uncommon at these locations; 1 Bective 27 Sep (EF). **Departure:** 1 Woodford 11 Mar (CP), 3 Chittaway Point 13 Mar (CCBR). **Arrival:** 2 Mulgoa Valley 22 Aug (MH), 1 Meringo 3 Sep (ENHS), 1 Coledale 10 Sep (GB), 1 Mt Colah 12 Sep (Birdline),

1 Faulconbridge 13 Sep (RHu), 50 birds were observed flying south over Wallis Lake on 14 Sep (MV), a migrating flock heading south. A large flock for NSW. **Breeding:** J being fed at nest by Australian Raven Fairfield 13 Jan (GT), Pied Currawong feeding 3 J in nest Mountain Lagoon 10 Feb (MCo), at North Arm Rd 24 Jan & Booti Booti NP 16 Mar (HBR), feeding 1 or 2J at 5 locations on Central Coast 4-28 Jan (CCBR), 2J at Kalaru Jan-Feb (KV), 2 being raised by Magpies Killara 15 Feb (Dca), A seen in Pied Currawong nest St Ives 25 Sep (RCI).

Pheasant Coucal *Centropus phasianinus* Reported at 11 sites on Central Coast Jan, Aug-Dec, most reports in 5 years but no breeding records (CCBR); 1 Maianbar 11 Jan (Birdline), 1 Salvation Tk, West head 20 Feb (HRo), 1 Akuna Bay, KCNP 6 Sep (HR), 1 Upper Colo Rd Richmond 7 Oct (MR), 1 Mitchell Park, Cattai 9 Oct (BC); 2 Jamberoo GC 6 Jan (BH). All southern records published.

Powerful Owl *Ninox strenua* Adult RK Halfway Creek 18 Feb (GC), HC Millbank Mar-Apr, Aug, Nov-Dec, 1 Yarrahappini SF Sep (KS), HC Kookaburra 16 Apr, 1 Yarravel 10 Dec (ABi); 1 Blackbutt Res 2 Jun & 3 Jul, 1 Medowie 1 Nov, HC New Lambton 8 Jun, Laguna 29-31 Oct & Balickera 20 Nov (HBR); HC Lisarow 25 Jan, 22 Feb, 1 Munmorah SRA 9 Mar, 1 Kangy Angy 23 Mar, 1 Wambina NR 27 Mar, HC Mangrove Mountain 26 Jun & seen 18 Oct, 1 Somersby 26 Jun, HC Wyoming 121 Jul, 1 Umina 7 Oct, 1 Colongra Lake where attempted to pull an adult Brush-tailed Possum from a tree but eventually was unsuccessful (CCBR); HC Westleigh 8 Feb (ARo), 1 North Sackville 14 Feb (KB), RK Ingleside 18 Feb (RCo), 1 Pymble Ladies College 26 Feb (LJ), 1 South Turrumurra 1 Mar (DL), 1 HC Beecroft 3 May (RMu), 1 Devlins Ck North Epping with possum 5 Mar, 1 with possum 25 Jul & 2A+2Y 9 Oct-12 Nov (HWr,LJ,ML,PMc), 2 Derriwong Rd Dural 21 Mar (PL), 1 Quarantine Stn North Head 23 May (FC), 1 Cumberland SF 13 May (RK), 2 Pennant Hills Park 19 Jun, A+J 6 Oct (NH), 1 in garden at Beecroft 18 Jul (LJ), 1 Thornleigh 5 Aug (LW), 2 Mitchell Park Cattai 14 Mar-12 Nov (AR,BC,EV,MA,NH) including one with Ringtailed Possum 30 May, 1 Ku-ringai Chase NP Visitors Centre 27 Aug (NJo); 2 Mt Riverview 25 Mar-3 Oct (HN), 1 Hazelbrook 14 Apr-9 May (JD), 2 Cromer 13 Dec (BCo) & 1 Blaxland (GT); 1 Bundanoon Creek 18 Apr (MB), 1 Jamberoo Rd Barren Grounds NR 14 May (RT), 1 Excelsior Mine, Thirroul 20 Jun (MMo), 2A+2J Mollymook 13 Oct-2 Nov, 1 dead on forest edge Berrara 28 Aug (KM); 1 Burrewarra Point Jan-Feb, 1 Spring Creek 19 Feb (ENHS); HC White Box Camp Goulburn RNP 22 May (HBR), the furthest west record for 1999. Good spread of records across coastal regions.

Barking Owl *N. connivens* 2 Mount Pleasant 30 Dec (SBo); 1 Mt White 14 Jul, HC Mangrove Mountain 29 Jul (CCBR); 2 Boorolong Ck Armidale 3 Jul-Aug (AMi,SD); Resident Glen Alice with 2Y first reported 4 Dec (AR,EV,JHI,PDb,RT,SMu), 1 20 km N of Glen Alice 3 Jan (AP), 1 Glenolan Rd Bridge, Glen Alice 29 Apr (TQ), 2 Nile Ck, Glen Alice 27 Mar (ASt), 1 Balmoral HSD, Cooyal Apr (NK); 1 Ingalba NR 5 May (SK); 1 Yarrada SF 4 Jan (PMo). More records than usual.

Southern Boobook *N. novaeseelandiae* N+4E Shortland 3 Nov (HBR), unusual to have nest contents reported.

Sooty Owl *Tyto tenebricosa* 1 Dundarra Gully, Washpool NP 6 Feb (GC), 2 Kookaburra 17 Apr, Hc Yarrahpinni 8 May (ABi), 2 near Mt Warning 6 Dec (AMi); 1 Gloucester Tops 11 Sep, Copeland SF 2 Oct-6 Nov & Boarding House Dam, Watagan NP 10 Oct & 3 Nov (HBR,ML); HC Wambina NR 17 Mar, 1 Narara 12 May, 1 Berrys Head Res 13 Jun, 1 Dog Trap Rd Ourimbah 17 Jul, 1 Gosford CBD 26 Jul, 1 Lisarow 29 Jul-12 Aug, the same bird that was at Berrys Hd Res (radio-tracked), HC Palmdale 9-24 Aug, more records than usual for Central Coast (CCBNR); 1 Waterfall, Royal NP 9 Jan-5 Feb & 25 Sep (DSe,ML,PC), 2 Red Cedar Flat, RNP 12 Mar (MA); 1 Bundanoon Creek 18 Apr (MB), 1 Jamberoo Pass 24 Jun (RJo); 1 Katoomba 13-17 Jan (CP).

Masked Owl *T. novaehollandiae* HC & responded to tape Minnie Water 24 Feb (GC), HC Cobcrofts Res Werrikimbie NP 23-27 Jan, 2 Crowdy bay NP 12-13 Mar, HC Beranghi 31 Jul, 1 RK Pacific Hwy, Macksville 23 Oct, HC Limeburners Ck NR 23 Nov (ABi,KS); 1 Copeland Tops FR 2 Oct-6 Nov (AR,ML); HC Hillston HSD Yarramalong 31 Oct (CCBR); HC Lady Carrington Drive RNP 30 Jan (MR), 1 Gees Lagoon, Colo 20 Feb (EV), 1 Upper Colo 28 Dec (KB); 1 Curlewis 18 Jul (AA). Good spread of records, mostly for North Coast.

Grass Owl *Tyto capensis* 1 Crescent Head 15 Jul (per KS), RK Pacific Hwy Maclean 21 Oct (GC), estimated 40 birds in the 9500 ha of heathland and coastal forest of Crowdy Bay NP Dec (Debus et al 2001). Fewer reports than usual.

Barn Owl *T. alba* 5 RKs 22 Sep-24 Dec in the Clarence Valley & observed at Coutts Crossing 7 Apr-21 Jun, 1 Jackadgery 11 Nov (GC); 1 Harrington 27 Feb (ABi), 1 Bayswater Colliery 20 Sep & Parkville 21 Sep, 2 at Wybong 21 Nov (HBR); No Central Coast records cf 1996 & 1997 (CCBR); 1D Richmond Turf Farms 15 Dec (ML); Calling Akolele Jan-Feb, 1 Tilba Lake 4 Apr & 13 Nov (ENHS); RK between Delungra & Inverell 18 Oct (GC); 1 Shipley Plateau Jan (CP); RK between Gunnedah & Mullaley 25 Sep (GC); Many between Parkes & Condobolin 11 Oct (NS).

Marbled Frogmouth *P. ocellatus* 1 beachwash Belongil Beach 30 Mar (per JMc) and subsequently banded & released at Minyon Falls (GC), 2 Mt Warning NP 29 Dec (ML), within known range.

White-throated Nightjar *Eurostopodus mystacalis* HC Frenchmans Creek 14 Nov, 1 Pillar Valley 25 Feb (GC), 2+N Lake Innes NR 23 Nov (ABi); N+E Balickera 21-28 Nov, J on 25 Dec (HBR); 1 Berowra 13 Jan (SB), 1 North Sackville 14 Feb (KB), 1 Westleigh 17 Feb (ARo), 2 Gees lagoon, Colo 20 Feb (EV), 1 Bobbin Head KCNP 20 Nov (SE); 1

Lower Nattai River 14 Dec (CC), 1 Thirlmere Lakes 22 Dec (GB); 1 Batemans Bay Feb (ENHS); 1 Glen Davis 23 Feb (CP), 2 Ilford 21 Mar (HRo). **Departure:** 1 Copeland Common 18 Apr (HBR). **Arrival:** 1 Kangaroo Valley 3 Oct (JDa).

Spotted Nightjar *E. argus* 1 Taleeban Res 26 Sep (SC); HC Round Hill NR 21-23 Sep (AR). Fewer reports than usual.

Australian Owlet-nightjar *Aegotheles cristatus* Reported from Wambina NR, Kangy Angy & Mangrove Mountain Mar-Dec (CCBR); 10+ Gees Lagoon Colo 20 Feb (EV), 1 Castlereagh NR 1 May (DPo), 1 Mitchell Park, Cattai 21 Nov (LJ).

White-rumped Swiftlet *Collocalia spodiopygius* No reports in 1999.

Glossy Swiftlet *C. esculenta* Two small swiftlets reported from Connells Point 14 Mar, considered to be this species. Referred to BARC Case No 261 but record not accepted.

White-throated Needletail *Hirundapus caudacutus* **Largest concentration:** 500+ Wollemi NP 21 Feb (TN), 150+ Arrowfield 2 Mar (HBR), 200+ Munmorah Dunes 13 Dec (CCBR). **Departure:** 2 Sackville North 21 Mar (KB), 2+ Katoomba 27 Mar (CP), 30+ Freemans Camp, MSRA 28 Mar (CCBR), 15 Mullinburra 15 Apr (ENHS). **Arrival:** 4 Timor Rock Coonabarabran 16 Oct (AR), 1+ Lawrence 23 Oct (GC), 1 Chittaway Bay 24 Oct (CCBR), 2 Westleigh 31 Oct (ARo) & 20+ Bulga 31 Oct (HBR).

Fork-tailed Swift *Apus pacificus* 2 Laguna 5 Mar (HBR); No Central Coast records (CCBR); 2 Bangor 17 Feb (KC); 10+ Lake Burrendong 5-9 Dec (CD); 10+ 60 km E of Cobar 24 Mar (BC). Fewer reports than usual.

Azure Kingfisher *Ceyx azurea* A+3Y Shortland WC 10 Feb, N+Js Balickera Oct, young died when creek rose after heavy rain (HBR).

Laughing Kookaburra *Dacelo novaeguinea* 1 killed a Spotted Dove Gosford 2 Dec (CCBR); A killed Yellow-tufted Honeyeater at Maulbrooks Rd Morouya 21 Dec (ENHS).

Forest Kingfisher *Todiramphus macleayi* No Hunter or Central Coast records; 1 Roseville Bridge 6 Dec (BAy), only Sydney record.

Red-backed Kingfisher *T. pyrrophygia* 1 Binya SF 10 Oct (KH), unusual location. **Arrival:** 1 Dead Horse Gap, Sturt NP 30 Aug (CP), 5 Wanaaring 12 Sep (ABi).

Sacred Kingfisher *T. sanctus* **Departure:** 1 Birdie Bch Munmorah SRA 28 Mar (CCBR), 1 Springwood 1 Apr (BWe). **Arrival:** 1 Springwood 10 Aug (BWe), 1 Lane Cove 3 Sep

(Birdline), 1 Leeton 18 Sep (KH), 1 Mangrove Mountain 20 Sep (CCBR). **Overwinter Records:** 1 Lemon Tree Passage 5 Jul (HBR), 1 mangroves St Huberts Island 24 Apr, 1 mangroves Cockle Bay 13 Jun (CCBR), 1 Wallaga Lake Jul (ENHS), 1 Popiltah Lake 27 Aug (CP).

Rainbow Bee-eater *Merops ornatus* **Departure:** 8 Katoomba 5 Mar (CP), 70+ migrating northwards Saltash 6 Mar (HBR). **Arrival:** 1 Hat Head NP 1 Sep (KS), 4 Sackville 8 Sep (KB), 1+ Wanaaring 13 Sep (ABi), 1 Leeton 3 Oct (KH), late date.

Dollarbird *Eurystomus orientalis* **Departure:** 1 South Grafton 21 Mar (GC), 1 Chittaway Point 24 Mar (CCBR). **Arrival:** 2 Tuncurry 17 Sep (GC), 1 Botany 21 Sep (DH), 2 Mangrove Mountain 24 Sep (CCBR), 1 Valley Heights 2 Oct (NB), 1 South West Rocks 3 Oct (KS).

Noisy Pitta *Pitta versicolor* 1 Moonee Beach NR 9 Jun (EV), 1 Boorganna NR 17 Apr (GPi), HC Grassy Head 12 Jul, 1 Millbank 9 Aug, 3HC Tamban SF 4 Sep, 5 Ingalba SF 4 Sep & 2 Hat Head NP 27 Sep (KS), 3+ Iluka NR 31 Jul, 1 caught & banded 1 Aug, HC Raspberry Lookout Gibraltar Range NP 3 Jul (GC), 1 Crowdy Head NP 30 Sep (BDb), 3 Mt Seaview 2 Oct (CG), HC Kendal 3 Oct (MSa), HC Mt Warning 30 Dec (ML); 1 Gloucester Tops 13 Mar (EV), 1 Copeland SF 2 Oct (FOC), 1 Copeland Common 7 Nov (ML); 1 Chatswood garden 24 Apr (MO), 1 Field of Mars 4 May (SBu), 1 Im Taronga Zoo 17 May-27 Jun (DH,TQ); 1 Kangaroo Valley 3 Oct (JDa). The latter record is outside the dates of the usual winter range cf 1998 Annual Report.

Albert's Lyrebird *Menura alberti* HC Peats Mtn, Whian Whian SF 10 Jun, HC Minyon Falls 20 Jun (GC).

Rufous Scrub-bird *Atrichornis rufescens* 2 Surveyors Ck, Washpool NP 7 Feb & HC on 12-13 Nov, HC Raspberry Lookout, Gibraltar Range NP 3 Jul (GC); Birds Australia surveys at Gloucester Tops & The Mountaineer located 12 birds at 65 sample sites on 6 Nov & 8 on 4 Dec, max 2 Gloucester Tops 13 Mar, 11 Sep & 10 Nov(HBR).

White-throated Treecreeper *Cormobates leucophaeus* A at nest with young in Grey Mangrove *Avicennia marina* Newports Ck Coffs Harbour 8 Nov (GC), nest 2-3 m above ground.

White-browed Treecreeper *Climacteris affinis* Resident Binya SF in 6 out of 10 compartments, courtship feeding 19 Sep, N+1Y 10 Oct, M carrying food at another site 16 Oct, M collecting nesting material at first site 30 Oct raising possibility of 2nd brood (KH), 4 on 4 Apr (JDu); 1 60 km S of Louth 22 Jun (MC); 4 Tarawi NR 23 Sep (RB) & 2+ on 6 Oct (GLC), 2 Kajuligah NR Ivanhoe 14 Oct (DMa).

Red-browed Treecreeper *Climacteris erythrops* 1 Kangaroo Flat 25 Jan (ABi); Reported from 8 locations throughout the year in the Hunter Region (HBR), max 10+ Gloucester Tops 13 Mar (EV); Reported from Currowan SF, Italian Mine Rd & Broulee on South Coast throughout the year (ENHS).

Brown Treecreeper *C. picumnus* Nearest coastal birds Mt Vincent 26 Jan & Quorrobolong 31 Jul (HBR).

Red-backed Fairy-wren *M. melanocephalus* 3+ Pitlochry nr Gloucester 8 Oct (HBR), near southern limit of range.

Splendid Fairy-wren *M. splendens* 4 Pulletop NR 25 Jan (JDu), 5 Loughnan NR 18 Jul (NL), 3+ Byrock 14-17 Oct (GC), all at eastern limit of range.

Southern Emu-wren *Stipiturus malachurus* Small numbers in suitable habitat on Central Coast including 4 Tuggerah Lagoon 6 Jun, 5 Tuggerah STW 10 Jun, 2 Carrack Res Kincumber 7 Aug & 4+ Norahville heaths 22 Aug (CCBR); 1 Magic Pt Maroubra 14 Mar (RG); 6 North Hazelbrook 14 Mar (MK); Reported from Surfside, Moruya & Durras in Dec (ENHS).

Striated Grasswren *Amytornis striatus* N+3E Tarawi NR 23 Sep (BMc), first breeding record this century?, 8+ on 22 Sep (RB).

Striated Pardalote *Pardalotus striatus* 100+ Capertee Valley 7 Apr (WS), a large number.

Red-browed Pardalote *Pardalotus rubricatus* 10+ Fort Grey, Sturt NP 29 Aug (CP), known site.

Eastern Bristlebird *Dasyornis brachypterus* 2, one with red band Barren Grounds NR 16 May (RT), radio-tracking of 22 birds in Jervis Bay NP & Booderee NP in 1999 showed densities of between 1.5 & 2.1 birds per 5 ha, but the home range of each pair was c. 10 ha throughout the year thus overlapping other pairs (Baker 2001); 25 between Little River and Howe Heaths, Nadgee NR 15 Jan (AF).

Pilotbird *Pycnoptilus floccosus* 2 Minnamurra Falls 16 Feb (KC); 3 Jersey Springs RNP 18 Jun (HR); 2 Pierces Pass, BMNP 29 Apr (TQ), 2 Hassans Walls Lithgow 22 Sep (MH), 2 Mt Wilson & Shipley Plateau 21 Nov (EV); Reported from Italian Mine Rd & Murrumbidgee NP throughout the year (ENHS).

Rock Warbler *Origma solitaria* Resident near Laguna, nesting 29-31 Oct (HBR);

Yellow-throated Scrubwren *Sericornis citreogularis* 1 Millbank Aug & 2 Tanban SF 9 Oct (KS), uncommon in Macleay Valley

Large-billed Scrubwren *S. magnirostris* Nesting in a used Yellow-throated Scrubwren's nest Mangrove Mountain 22 Aug & 23 Nov (CCBR).

Chestnut-rumped Heathwren *Hylacola pyrropygia* 2 nr Waratah Trig, Gibraltar Range NP 6 Feb (GC); 1 Old Bar 5 Aug & 2 Killingworth 22 Oct (HBR); 1 Maraylya 17 Mar (KB), 1 Hornsby Heights 6 May, 1 Bobbin Head, KCNP 8 May (DMa), 1 Deep Ck Narrabeen 29 May (PDb), 1 West Head KCNP 15 Aug (HR), 1+ Lower Portland 28 Aug (KB), 4 Mitchell Park, Cattai 5 Sep, 1 on 16 Oct (AHo, EV); 1 Sawpit Gully, Appin 20 Jan, 1 Cudmirrah 3 Apr (KM), 2 Maddens Plains 26 Apr (GB), 2 Vincentia 17 Sep (JA); 3 White Box camp, Goulburn RNP 1-4 Oct (HBR), 2 Crown Station CK, Glen Davis (RT), 2 Rockview HSD, Glen Davis 20 Nov (CG), 2 Binalong HSD, Glen Alice 28 Dec (DG); 1 9kms SE Inverell 12 Apr (JH); 1 Bunberry Forest, Goobang NP 9 May (AO); 2 Ingalba NR 22 Sep (MC).

Shy Heathwren *H. cauta* 2 Round Hill NR 7-8 Jan, 8 Mar, 17 Sep & on 27 Nov (CPa, LJ, RB, SWh), 4+ Tarawi Nr 23 Sep (AM) & 6 Oct (GLC). Known sites.

Striated Fieldwren *Calamanthus fuliginosus* 2 Little Forest Plateau 19 Sep (KM); 8 counted between Little River & Howe Heaths, Nadgee NR 15 Jan (AF). Few reports received for this species.

Rufous Fieldwren *C. campestris* No reports in 1999.

Redthroat *Pyrholaemus brunneus* 1 Silver City Hwy, 100 km NE Broken Hill 28 Mar (BC); 2+ Whoey Tank, Round Hill NR Apr (JWa), well east of known range, although reported from Hillston in 1986. A few birds seen Willow Point HSD Wentworth 28 Sep-7 Oct (GLC).

Speckled Warbler *Chthonicola sagittata* 1 Willi Willi Rd 15 Jan (KS), extension of range to the east in Macleay Valley; 20+ Howes Valley 1 May, N+Y Burning Mountain NR 24 Jan (HBR); 2 Scheyville NP 17 Apr & 18 Sep (TWa), 6 Cobbity 18 Apr (TQ), A+2Y St Albans Common 15 May (BDb), 2 Shanes Park 22 May (BC), 3 Cobbitty 14 Sep (BC); 4 Cocoparra NP 23-26 Jun (JDu), western edge of range. Good spread of records for the Sydney Region.

Mangrove Gerygone *Gerygone levigaster* 2 in mangroves Brickwharf Rd Woy Woy 4 Oct (CCBR), unusual location; 1 Homebush Bay 1-14 Aug (BD, DH), first record for this site?, 3 Careel Bay 31 Aug-22 Nov (BC).

Western Gerygone *Gerygone fusca* 2 Bulga 2 Jan (HBR), most easterly record for Hunter Region; 1 Bourbon Ck Capertee Valley 28 Aug (RT).

White-throated Gerygone *G. olivacea* **Departure:** 1 Cobbity 11 Apr (DH). **Arrival:** 1 Mulgoa Valley 22 Aug (MH), 2 Terrey Hills 2 Sep (LH), 1 Mangrove Mountain 4 Sep (CCBR), 1 Faulconbridge 5 Sep (CM).

Brown Thornbill *Acanthiza pusilla* Feeding J Fan-tailed Cuckoo Kentlyn Jan (RT).

Yellow Thornbill *A. nana* Feeding J Shining Bronze-Cuckoo Moorebank 12 Jan (RT).

Southern Whiteface *Aphelocephala leucopsis* 2+ White Box Camp, GRNP May-Oct (HBR), most easterly record for 1999.

Banded Whiteface *A. nigricincta* 1 40 km N of Wanaaring 27 Sep (AA), an extension of range eastwards for NSW.

Red Wattlebird *Anthochaera carunculata* Nesting Jan, July-Dec on Central Coast (CCBR).

Little Wattlebird *Anthochaera chrysoptera* Nesting Jan, Feb, Apr, May, Aug & Nov on Central Coast (CCBR).

Spiny-checked Honeyeater *Acanthagenys rufogularis* 1 Capertee Valley 28 Aug (RT), east of usual range.

Striped Honeyeater *Plectorhyncha lanceolata* Nesting around the southern shores of Tuggerah Lakes Aug-Dec, often successfully rearing 3 broods per season, and generally in association with nesting Grey Butcherbirds (CCBR); 1 Longneck Lagoon 14 Feb (DH), 1 Mount Pleasant 25 Mar (KCo), last known Sydney sighting was 1984 (Hoskin 1991).

Noisy Friarbird *Philemon corniculatus* Absent from the Blue Mountains during autumn & early winter returning Lapstone 25 Jul (RT), Woodford 27 Jul (MK) & Kings Tablelands 1 Aug (CP).

Little Friarbird *Philemon citrogularis* 2+2Y Ridgeland Rd Bunnan 21 Nov (HBR); 1 Tuggerah Lagoon 4 Apr & 1 Mangrove Mountain 1 Jun, 4th & 5th Central Coast records.

Regent Honeyeater *Xanthomyza phrygia* 6+ Putty North 8 Jul (RH), 2 Widden Brook Nov & 1 HC Jerrys Plains 4 Dec (HBR); 1 Rae Ave Toukley East 13 Nov (CCBR);

3A+3J Yalwal SF 1 Jan (SN), 2 Narrawallee 28 Jan (IF); 1 Dalmeny 24 Jan, 1 Corunna Lake 14 Jun (JV), 1 Tuross Heads 15-23 Aug (GRy); 4 35 km W of Armidale 3 Oct (AMi); 3+ Narcooma HSD Wollar Jan-Apr (ET), max 2+Im Capertee Valley 10 Jan, 1 on 1 May (MT, RG), 40+ Capertee Valley, some nest buiding 3-6 Sep (DG), max 6+Im Glen Davis 2 Jan-15 Feb, 2 on 14 Nov, 1+3J 18 Dec, 2 30 Dec (DG, DSm, JE, SMu, TQ), max 3 Burrendong Arboretum 1 May-17 Aug (JF, JHd), 25 Mt Buckeroo, Mudgee 11 Apr-23 May (MRo), 3 Mudgee 11 Apr (MR), max 50 White Box camp, Goulburn RNP 23 May-10 Aug (SH, LH), 1 feeding in *Eu. leucoxydon* Dunville Loop, Rylstone 27 Jun & 5 on 16 Aug (RT), 4 Wyaldra Common, Home Rule 8 Aug & 6+N on 1 Sep, max 4+N Ulan 13 Aug-9 Sep (LHe), 15 Glenview HSD, Glen Alice 29-31 Aug, 8 Huntingdale HSD, Glen Alice 29-31 Aug (DGe), 1 Glenloan Bridge, Glen Alice 29 Oct (TQ), 3 Glen Alice 24 Oct, 2 on 13 Nov (TQ), 3 on 4 Dec (DWa, EV), 2 Binalong HSD Glen Alice 28 Dec (DG); 1 Gwydir Park TSR 11 Feb (BW), max 4 Barraba 20 Feb-4 Jun, 3 on 26-27 Sep (AS, PS, RW), 1 Coonoor TSR Bundarra 8 Aug (AL), 2 1 km N of Manilla 24 Sep (JT), 1 Oakhampton HSD, Manilla 24 Sep (RW); 2 Goonoo SF 30 Jun (DO); 11 Lavington-Thurgoona Feb-Aug (per IDa, IO), 2 Corowa 8 Apr (VKI), 2 Jindalee SF 6 Sep (GB); 1 Bullawa Creek 13 Apr (DWt); 2 Warrumbungle NP 15 Jul (GSt); 3 Burrendong Arboretum 1-17 Aug (JFo), 2N Dubbo 16 Aug (Pck), 2N 15 km SW Mendooran 13 Jul-17 Aug (JHk), 2 N Goonoo St 12 Aug (JHk), 2+N Warrumbungles NP 5 Sep (DPa), 1 Minore 10 Aug-11 Oct (ME); 2 Warialda mid Jul (per DGe). A good spread of records across NSW.

Blue-faced Honeyeater *Entomyzon cyanotis* 1 Swallowreach, Ebenezer 7 Dec (KB); 1 Mountain Lagoona 12 Feb & 1 Bilpin 7 Nov (MCo), edge of range north of Sydney Region.

Yellow-faced Honeyeater *Lichenostomus chrysops* Max 2000+ per hr flying over Katoomba northwards 12 Apr (CP).

Singing Honeyeater *L. virescens* 1 Wingen 24 Oct (HBR), unusual eastern record;

Mangrove Honeyeater *L. fasciularis* HC Dart Is Clarence R 11 Feb (GC), 20 Iluka 23 Nov (MR), 2 Hickey Island, Yamba 28 Nov-4 Dec (GC, ML).

Yellow-tufted Honeyeater *L. melanops* Nesting Laguna 11-12 Sep & Glenrock SRA 7 Mar (HBR); Feeding J Pallid Cuckoo Kentlyn Jan (RT), N+2Y Mitchell Park, Cattai 29 Aug (SWh); 20 Woronora Valley 12 Sep (BE).

Grey-fronted Honeyeater *L. plumulus* 1 Popiltah Lake 27 Aug (CP); Max 10+ Tarawi NR 23 Sep-6 Oct (RB, GLC); 2+ Round Hill Nr 27 Nov (SWh). Average year.

Fuscous Honeyeater *L. fuscus* 4 Mangrove Mountain 27 Apr-20 May, first Central Coast record in 3 years (CCBR); 1 Primbee 9 May (GB), unusual location.

White-plumed Honeyeater *L. penicillatus* 3 Shell Harbour Square 9 Jun (DG) & 5 North Wollongong 12 Jun (LWi) these confirm earlier records of this species taking up residence in 3 carparks of Wollongong/Dapto /Shellharbour, where they are generally absent from the Illawarra Region apart from the Wollondilly and Nowra areas (Chafer et al 1999); 1 Faulconbridge 1-15 Jul (CM), unusual location.

Black-chinned Honeyeater *Melithreptus gularis* HC at Camira Downs, Mororo SF, Newbold Lookout & Bom Bom SF 4 Mar-22 Aug (GC); 2 Table Bay Ck, Widden Valley 12-16 Jun, 2+ Singleton Army Training area, Broke 31 Oct & 2 Wallingat NP 5 Dec (HBR); Max 2 Castlereagh NR 1 May & 5 Jul (DPo,TQ); 2 Capertee Valley 7 Apr-1 May (PDb,WS), max 4 Glenoin Bridge, Glen Alice 24 Oct & 4 Nov (EV), 2+ White Box Camp, Goulburn RNP 21-23 May (HBR), 2 Munghorn Gap NR 18 Jul (PO), 4 Binalong HSD, Glen Alice 28 Dec, 4 Numalta HSD Glen Alice 29 Dec, 2 Glen Davis 30 Dec (DG); 4+ Daruka Rd Tamworth Aug-Sep (JMy); 4+ Holy Camp, Weddin NP 6 May, 4+ southern end Weddin NP 12 May (AO), 4 Jindallee SF 17 Jul (NL), 4 Ingalba NR 21-23 Oct (MC). Good spread of records across the Tablelands & Slopes of NSW.

White-naped Honeyeater *M. lunatus* Small numbers on the Central Coast feeding in flowering Scribbly Gum & Swamp Mahogany Apr-Sep (CCBR); Migration started through Katoomba 12 Apr (CP).

Brown-headed Honeyeater *M. brevirostris* Widespread in Scribbly Gum & Spotted Gum woodland on the Central Coast, nesting from Jul-Dec (CCBR).

Brown Honeyeater *Lichmera indistincta* 2 in street trees at Hurstville 17 May (JHd), 12 Bicentennial Park 5 Dec (HR); 1 Bulli Pass 10 Jan (JB), first Illawarra record since one seen at Thirroul in 1965 (Chafer et al 1999); 1 Warren 20 Sep (ME); 4 Coombie HSD Roto 20 Sep-6 Oct (JHo).

Painted Honeyeater *Grantiella picta* 1 50 km W of Armidale 25 Sep (AMi); 3 Rockview HSD, Glen Davis 30 Jan (BP) & max 4 on 4 Nov-19 Dec (AV,EV,DWa), 2 Capertee Valley 15-18 Oct (JHI), A+J 25 km S of Cowra 14 Nov (Bounds 2000), 2 Huntingdale East HSD, Glen Alice 31 Dec (DG); 2 Glanmire, near Bathurst 16 Oct (MA); 1 Lake Cowal 3 Oct (PPe), 3 Weddin SF Grenfell 8 Oct (RM), 10+ Ingalba NR 21-23 Oct (MC); 2 Lanes Mill FR Kennebri 22 Sep (ABi); Present Binya SF 2 Sep-17 Dec when max 16 present, 2 N of Leeton in Boree *Acacia pendula* 15 Sep (KH), 6+ Euabalong West 12 Oct (NS); 1 Byrock 17-20 Oct (DPi,GC); 2 Mossgiel 11 Oct (DMa), 1 Coombie HSD, Roto 23 Nov-4 Dec (JHo). Present in NSW Jan, and 2 Sep-31 Dec, with more records reported than usual.

Crescent Honeyeater *Phylidonyris pyrrhoptera* 2 Polblue Swamp, Barrington Tops NP 3 Jan (AR), 2 Gloucester Tops 13 Mar (HBR); 1 Comleroy Rd Colo 2 Dec (DP); 1 near Putty 20 Feb (PDb).

New Holland Honeyeater *P. novaehollandiae* 20+ Old Bar 4 Feb (HBR), further north than usual; Nesting at Ogunbil, Tamworth Oct (BR), north-western edge of range in NSW.

White-cheeked Honeyeater *Phylidonyris nigra* 4 Lake Conjola west 22 Sep (KM), unusual so far south.

White-fronted Honeyeater *P. albifrons* 4+ 40 km N of Wanaaring 27 Sep (AA); Common, nesting John Hobbs Eremophila Patch, Wentworth 28 Sep-7 Oct (GLC); common Yathong NR 21-22 Sep (AR), Round Hill NR 19 Jul (NL), 5 Oct (CM) & 27 Nov (SWH).

Tawny-crowned Honeyeater *P. melanops* Reported in Yuraygir NP throughout the year at Lake Arragan, Redcliff, Red Rock & Lake Hiawatha (GC); Reported from the Munmorah SRA & Norahville heaths on Central Coast (CCBR).

Eastern Spinebill *Acanthorhynchus tenuirostris* Winter visitor to Coutts Crossing, arriving 20 Apr (GC).

Black Honeyeater *Certhionyx niger* 10+ between Trundle & Tullamore 4 Apr (NSWBA); 2 Stackpoole SF 28 Aug (SC), 1 Mt Brobenah 11 Sep (HH), 5-6 prs Binya SF 12 Sep-late Oct (KH), 2 McPherson Range, Narranderra 19 Sep (LH), 2A+N Taleeban Res 26 Sep (SC), 2 Rankins Springs 26 Sep (GC); 2 Round Hill NR 17 Sep (RB), common + N+2E 21-23 Sep (AR), 10+ on 3-5 Oct (CM,ML), 35-40 Whoey Tank, Round Hill NR 27 Nov, 10+ Loughnan NR 28 Nov (SWH); 2+ Tongo HSD, Wanaaring 25 Jun (MC), 6 Nocholeche NR 13 Sep (ABi); Common Coombie HSD, Roto Aug-Sep (JHo), common Yathong NP 21-22 Sep (AR), 10+ nesting John Hobbs Eremophila Patch, Wentworth 28 Sep-7 Oct (GLC), 6+ The Walls of China, Mungo NP 6 Oct (DAN). More records than usual with a major influx into western NSW.

Pied Honeyeater *C. variegatus* 1 Taleeban Res 26 Sep (SC); 1 Urella East HSD, Broken Hill 28 Jun (JM), 2 Milkparinka 29-30 Jun (KHa), 2+ Paroo R Wanaaring 22-23 Jul (MBr), 2 Olive Downs, Sturt NP 27 Jul-1 Aug (NN,SW,PB), 5 Sturt NP 29 Mar & 10+ 1-13 Aug (DPo,RWe), 1 Urella Downs HSD, Wanaaring 27 Jun (MC), 27-29 Oct (RJo), 4 Mootwingie NP 30-31 Oct (RJo); 4M,2F Coombie HSD, Roto 14 Sep (JHo), 2+ Mungo NP 14-17 Sep (LDe), 3-4 Oct (JCa,GBI), 2 Dareton 14-Sep-15 Oct (BMc,GCc,PBr), 3 Nulla HSD, Wentworth 23 Sep (AM), small numbers seen most days

Willow Point HSD, Niattia Lake, Blue Lake, Wentworth 28 Sep-7 Oct (GLC.JH), 2 Round Hill NR 27 Nov (SWh), 4+ Trentham HSD, Buronga 11 Dec (BMc). This is the most records ever reported in NSW Bird Reports in one year. More records in Victoria than for many years, at the same time.

Scarlet Honeyeater *Myzomela sanguinolenta* Present on Central Coast Mar-Dec, and although present in small numbers the numbers of birds was down on previous years (CCBR); 3 Angnes Banks NR 2 Aug (BC), 6 Mitchell Park, Cattai 29 Oct (SG); Present on the South Coast all year in small numbers including 2 Wallaga Lake Oct (ENHS); Reported at Faulconbridge 19 Sep (CM), 2 Glenloan, Glen Alice 30 Dec, 1 Huntingdale East HSD, Glen Alice 31 Dec (DG); AM Ogunbil, Tamworth Oct (BR) & AM Dungowan 9 Nov (GMi), north-western edge of range in NSW, no previous records for this area.

Crimson Chat *Epthianura tricolor* Many between Parkes & Condobolin 11 Oct (NS); 4 Lake Cargelligo 7 Mar (CP), 2 Murrin Bridge 17 Sep (AM), 5 Binya SF 25 Sep & 4 on 3 Oct, many between Euabalong West & Parkes 13 Oct (NS), 11 N of Tullys Hill 26 Sep (KH), 3+ Rankins Springs 26 Sep-28 Nov (GC,SWh), 100+ on the Hay-Goolgowie Rd 27 Sep (GC); 20+ Sturt NP 29 Aug (CP), 20+ 40 km N of Wanaaring 27 Sep (AA); Large flocks Tarawi NR 23 Sep (AM), Lake Cargelligo 23 Sep (AR); Nr Willandra NP 18-20 Sep (AR) & at Willow Point HSD, Wentworth, nesting Lake Nialia 28 Sep-7 Oct (GLC), many Penarie Sep (AM, RB) and on 9 Oct (MC).

Orange Chat *E. aurifrons* 2 Euabalong 2 Oct (JL), 1 Lake Cargelligo 2 Oct (ML), most eastern reports received.

White-fronted Chat *E. albifrons* 10+ Lake Cathie 21 Mar (JH); Max 6+ Manning Point/Old Bar 24 Oct-7 Dec (ABi), present all year Ash Island/Kooragang Is max 50+ Apr-May, 6 Hexham Swamp 15 May, 3+ Lemon Tree Passage 18 Sep & Salt Ash/Oyster Cove 20 Nov (HBR); 5 Towra Point NR 24 Feb (RT); Max 100+ Lake Wollumboola 24 Jan-3 Apr (CC, EV)

Gibberbird *Ashbyia lovensis* 2 Sturt NP 29 Mar (BC), within known range.

Jacky Winter *Microeca fascians* 1 Riverine Park, Arncliffe 5 Jun (RMo), unusual record.

Scarlet Robin *Petroica multicolor* 6 Morisset Hospital 22 Aug (HBR), unusual location; 2 Mangrove Mountain 6 Jun-7 Aug only Central Coast record (CCBR); 2 Castlereagh 23 Jun, 2 North Sackville 29 Mar & 7 Aug (KB); 1 Meringo 9 Aug, only South Coast record (ENHS); 1 Lake Talbot, Narrandera 4 May (NJ).

Red-capped Robin *P. goodenovii* Max 6 Bulga Jan-Aug, 1-2 Vacy May, 1 Jerrys Plains 29 May, 2 Westwood Rd Merriwa 5 Jul (HBR); 2 Agnes Banks NR 4 Jun (CSh), max 2 Castlereagh 23 Jun-25 Jul (DPo,KB); AF Goollooinboin HSD Glen Davis 29 Apr (TQ). Small numbers continue to occur in suitable habitats in western Sydney and around Bulga in the Hunter Valley.

Flame Robin *P. phoenicea* AF Mangrove Mountain 31 May (CCBR); 1 Bushells Lagoon 7 Aug (KB); 1 Tuross Lakes 31 Jul (ENHS); 2 Mt Tomah 21 Nov (EV). **Winter Records in South West Plains:** M+2F Fivebough Swamp 8 May (MS), 1 Tharbogang 24 Jul (AHu), numbers much fewer than in recent years.

Pink Robin *P. rodinogaster* AM Cattai NP 11 Apr (CL), referred to NSWORAC and not accepted.

Rose Robin *P. rosea* Common in autumn-winter across the Central Coast woodland and coastal areas (CCBR). 1 Padstow 19 May (LA), unusual location.

Hooded Robin *Melanodryas cucullata* Reported in the Hunter Valley at Howes Valley, Jerrys Plains, Wingen, Bulga & Vacy, including 2A+2Y Wingen 19 Sep (HBR), first confirmed breeding for Hunter Region since 1988; 1 near Cobbitty 6 Jan & 18 Apr (PB,TQ) & 18 Apr (TQ); 2 Murringo Gap 13 Jun (NLe); 4 Capertee Valley 15-18 Oct (JHI), 2 Glen Davis Gorge 25 Apr (MH), resident Lake Burrendong 21 Jul-26 Nov (CD), 2 Huntingdale East, Glen Alice 31 Dec (DG); 1 Weddin SF 10 May (SK), 2 Warraderry SF 12-13 Jun (AR), 2 Murringo Gap Young 13 Jun (NL), 2 36 km N of Booroowa 17 Jul (FJ); 2 Pulletop NR 23-26 Jan (JDu); 2 Round Hill NR 19 Jul (NL), 1 Willow Point HSD, Wentworth 28 Sep-7 Oct (GLC).

Pale-yellow Robin *Tregellasia capito* 1 Mt Seaview 2 Oct (CG), within known range.

Southern Scrub-robin *Drymodes brunneopygia* 1 Round Hill NR 7 Jan (LJ), 2 on 7 Mar (CPa), max 4 21 Sep-3 Oct (AR,ML), max 6 Tarawi NR 23 Sep-6 Oct (AM,GLC). Only reported from 2 sites.

Logrunner *Orthonyx temminckii* 2A+2Y nesting at Grassy Head Ecology Centre (KS), where present all year, 2 Mt Seaview 2 Oct (CG); 4 Boarding House Dam, Wattagan NP 23 Jan & 14 Feb (HBR,PG), 2 Ferndale HSD, Dungog 30-31 Oct (EK), also reported from Copeland FR & SF, Cooperbrook FP, Barrington Tops & Chichester Dam (HBR); 1 Brothers Rd Jilliby 30 Nov (CCBR). A small population in the Watagan Mountains is still present.

Hall's Babbler *P. halli* No reports in 1999.

Chirruping Wedgebill *Psophodes cristatus* Large numbers evident near Tongo HSD, Wanaaring (MC).

Spotted Quail-thrush *Cinlosoma punctatum* AM Raspberry Lookout Gibraltar Range NP 3 Jul (GC), 3 Dooragan NP 27 Mar & 4 Aug (ABI); 2 Kurri Kurri 23 May, 2 Table Bay Ck Widden Valley 12-16 Jun, 2 Howes Valley 7 Aug, max 4 Mount Vincent 14 Apr & 26 Aug, 2 Wakefield 22 Oct, 2 Laguna 29-31 Oct (HBR); 2 Berecroy Rd Mangrove Mountain 16 Feb, 2 Kariong 24 Apr-May (CCBR); 2 Comleroy Rd Colo 2 Dec (DP); 1 W of Mt Kembla 8 Jan (CC); 2 Dalmeny Jan, 1 Belowra 1 Aug, A+J Maulbrooks Rd Moruya 21 Dec (ENHS); 2 Lake Burrendong 21 Jul (CD), 2 Pyramid Fire Trail Bathurst 16 Oct (PDb), 3 McMahons Lookout, Wentworth Falls 2 Dec (CP); 2 Warrumbungles NP 20 May (POs).

Chestnut Quail-thrush *C. castanotus* 2 Pulletop NR 23-26 Jan (JDu); 2 Round Hill NR 17 Sep & 3+ on 21-23 Sep (AR, RB); 2+ Tarawi NR 23 Sep-6 Oct (AM, GLC).

Cinnamon Quail-thrush *C. cinnamomeum* 5+ Sturt NP 29 Mar (DPo). Within known range.

Crested Shrike-tit *Falcunculus frontatus* Small numbers present on Central Coast at Wambina NR, Mangrove Mountain, Kincumba Reserve & Central Mangrove (CCBR); 2 Kikabel HSD, Holbrook 28 Apr (HJ); 2 Koala Res, Narrandera Common 4 May (NJ), western limit of range.

Olive Whistler *Pachycephala olivacea* 1 Gloucester Tops 13 Mar (DK) & 6 on 6 Nov (HBR); pr Tallanganda SF 6 Jun (EV). Known sites.

Red-lored Whistler *P. rufogularis* No records at Round Hill NR since 1 Nov 1998 and no records for elsewhere in NSW.

Gilbert's Whistler *P. inornata* 1 Back Yamma SF 20 Jul (NL); N+3E Tarawi NR 11 Sep (BMc), 6 on 23 Sep (AM) & 4+ on 6 Oct (GLC), 2 Round Hill NR 8 Mar (CPa), 4 on 21-23 Sep (AR). Only reported from 3 sites.

Rufous Whistler *P. rufiventris* **Departure:** 1 Tuggerah Bay 25 Mar (CCBR), Katoomba 8 Apr & Glenbrook 9 Apr (CP). **Arrival:** 2 Woodford 7 Sep (RHu).

Little Shrike-thrush *C. megarhyncha* 1 Moonee Headland 17 Jul (GC), 1 Grassy Head Ecology Centre 18 Dec (ARc), where a summer visitor.

Black-faced Monarch *Monarcha melanopsis* **Departure:** 1 Mt Victoria 29 Mar (CM), Im at Woodford 5 Apr (MK). **Arrival:** 2 Mount Vincent 26 Aug (HBR), very early date, 1 South West Rocks 14 Sep (KS) & 1 Forster (GC), 1 Royal NP 16 Sep (DSi), 1 Katandra Res 19 Sep (CCBR).

Spectacled Monarch *M. trivirgatus* 1 Mt Seaview 6 Oct (CG), 1 Copeland Tops 14 Mar (EV) & 4 on 2-3 Oct (EV), some southern records include Telegraphy 21 Feb, Woodville 30-31 Oct & Eccleston 6 Nov (HBR); 1 Jilliby Cemetery bushland 1 Dec, first Central Coast record since 1973 (CCBR).

White-eared Monarch *M. leucotis* 1 Woody Head 31 Jul, 1 Iluka NR 11 Apr & 31 Jul (ABi,GC), 1 Woollogoolga FR 29 Sep (BDb), 2 Mebbin NP nr Mt Warning 5 Nov, 1 Nightcap NP 6 Nov (MR). The July records are unusual.

Leaden Flycatcher *Myiagra rubecula* 1 Caragabal Cemetery 24 Sep (AM), western edge of range and early arrival date; 2 Koondrook SF Barham 17 Dec (JN), western limit of range. **Departure:** AF Sandon River 31 Mar (GC), 1 Lake Heights 12 Apr (CC). **Arrival:** AM Evans Head 3 Sep (GC), 1 Tamban SF 4 Sep (KS), 1 Mangrove Mountain 20 Sep (CCBR), 2 Mt Seaview NR 2 Oct (Birdline), 1 Hazelbrook 5 Oct (JD).

Satin Flycatcher *M. cyanoleuca* 1 French's Forest 2 Feb (DPr), 1 Bilgola 22 Oct (AMc), 2 Earlwood 25 Oct (DH), 1 West Head, KCNP 14 Nov (MHa); AM Oaks Fire Trail, Woodford 27 Oct (CP), 2 Megalong Valley 21 Nov (EV); Pair Armidale Stock Res mid Jan (JCe). **Departure:** 1 Woodford 8 Apr (MK). **Arrival:** 1+ Copeland Tops 3-10 Oct (EV); 2M Mitchell Park, Cattai & M Glenorie 17 Oct (EV).

Restless Flycatcher *M. inquieta* No records for the Central Coast (CCBR); 1 Bent's Basin 1 Aug (AQ), 1 Mitchell Park Cattai 18 Sep (TWA), rare in the Sydney Region.

Rufous Fantail *Rhipidura rufifrons* **Departure:** 1 Mangrove Mountain 3 Apr (CCBR), 1 Blackheath 7 May (GJ). **Arrival:** 1 Chatsworth Island 22 Sep (GC), 2 Copeland Tops 2 Oct (AR).

Spangled Drongo *Dicrurus bracteatus* Nesting Upper Wilsons Creek 27 Nov (ML); Many birds present Belmont Swamp Jun-Aug, max 12 Belmont Swamp Jun (HBR); 9 together North Entrance 7 Jul (CCBR); Present in the illarra Region at 5 sites Mar-5 Aug, with Primbee being the main location (IBR); 2 Rylstone Council Depot 6 May (MSt); 1 Bora Res Upper Manilla 9 Mar (RWa). **Southern records:** 1 Batemans Bay Mar (ENHS). **Arrival:** Halliday Point early Jan (HBR), 1 Sutton Res Bateau Bay 3 Feb (CCBR), 1 Cattai NP 20 Feb (EV). **Departure:** 1 Bateau Bay 28 Sep (CCBR), 1 Green Point 7 Dec (HBR).

Yellow-eyed Cuckoo-shrike *C. lineata* 2 Upper Wislon's Creek, Mullumbimby 26 Nov, 1 Wardell 27 Nov (ML), HC South West Rocks 1 Dec (KS).

White-bellied Cuckoo-shrike *Coracina papuaensis* 1 Mitchell Park, Cattai 27 Jan (BC), 1 Lapstone Dec (RT); 1 Woodford 2 Mar (MK); 2 Tahmoor 14 Mar (CC); nesting Rockview HSD, Glen Davis 20 Nov (CG); 1 Jindalee SF 16 Oct (NL).

Cicadabird *C. tenuirostris* Nesting Laguna 2 Jan, first breeding record for Hunter Region (HBR). **Departure:** HC Minnie Water 24 Feb (GC), 2 Mitchell Park, Cattai 5 May (TS). **Arrival:** 1 Murrumbung HSD Mardi 10 Oct (CCBR), 1 Beranghi 16 Oct (KS), 1 Cattai NP 17 Oct (MR), Gibraltar Range NP 18 Oct (GC), Bullaburra 20 Oct (CP).

Ground Cuckoo-shrike *C. maxima* 1 Kelvin SF Apr, 2 Bendemeer Jul (JPe); 2 between Tullamore & Trundle 4 Apr (NSWBA); 1 Lake Cargelligo 2 Oct (NLe); 6 Macquarie Marshes North 20 Sep (ME); 3 Euabalong 18 Jul (NL); 1 Urella Downs HSD, Wanaaring 28 Jun, 2 Onepah HSD, Sturt NP 29 Jun (MC), 3 Dead Horse Gap & 3 Mt Wood, Sturt NP 29 Aug (CP); 4 Round Hill NR 19 Jul (NL), 4 Coombie HSD Roto 10 May (JHo). Good spread of records across the State but only for the period Apr-Oct.

White-winged Triller *Lalarge sureurii* Coastal records include: 7 records for the lower Macleay Valley 8 Oct-5 Dec max 4 Rainbow Reach 13 Nov (KS); 1 Lansdowne Res 7 Jan, A+Y Denham Court 18 Jan (RT), A+2 Im Hexham Swamp NR 13 Feb, pair Pambalong NR 18 Dec, 1 Hands Lagoon 4 Oct, Bolwarra STW 29 Oct, Walka Water Works 23 Nov, & Myall Lakes NP 22 Dec (HBR); 1 Cobbitty 11 Apr (DH), 1 Cattai NP 17 Oct (MR); **Arrival:** 1 Wamoon 29 Aug (MS), 7M Binya SF 15 Sep (KH). More coastal records than usual.

Varied Triller *L. leucomela* F Armidale Rd Kempsey 6 Mar, 1 Grassy Head Jul & 24 Dec, HC Tamban SF 4 Sep (ARc,KS); 1 Harrington 27 Feb & 6 May (HBR). Usual sites within known distribution.

Olive-backed Oriole *Oriolus sagittatus* 30 present Wingen 13 May & 7 on 1 Jun (HBR); Sometimes present all year Central Coast but in 1999 present only Jan-Apr, then first return Ourimbah 12 Aug (CCBR); First return to Mitchell Park Cattai 15 Aug (CM); 1 Griffith Golf Course 22 Jul (SC), western edge of range; 1 W of Wanaaring 12 Sep (ABi), presumably in response to good conditions because it is outside of normal range.

Figbird *Sphecothebes viridis* 2 Milton 21 Sep (KM); 2 Tuross Heads Nov-Dec (ENHS), 6 Eden 27 Nov (GCI), the latter record is a considerable extension of range south.

White-breasted Woodswallow *Artamus leucorhynchus* **Southern Coastal records:** 5 Deep Ck Narrabeen 27 Jan (BC) & 2 Cattai NP 22 Feb (EV). **Departure:** 2 Long Jetty (CCBR) & 5 Palmers Island 3 May (GC). **Arrival:** 1 Picnic Pt The Entrance & 5 Clongra Swamp 22 Aug (CCBR), 4 Forster 15 Sep (GC). Continuing to increase range south into the County of Cumberland.

Masked Woodswallow *Artamus personatus* 50 Jamberoo Mountain 9 Sep (RJo); 2 Capertee Valley 21 Nov (CG); 6-7 in flock of 200+ White-browed Woodswallows Binya SF 19 Sep (KH), 1000s feeding on locusts between Merriwagga & Rankin Springs (SWh). Not many records for 1999.

White-browed Woodswallow *A. superciliosus* 1 North Sackville 13 Mar (KB), 10 Winmallee 26 Oct (RT); 100+ Jamberoo Mountain 9 Sep (RJo), 5 Barren Grounds NR 14 Nov (EV, SWh); 100+ Glen Alice 24 Oct (EV); 40+ Ingalba NR 27 Jan (MC); 2-300 feeding on Grey Mistletoe flowers Binya SF 19 Sep early in morning (KH); 1000s Between Merriwagga & Rankin Springs feeding on locusts 28 Nov (SWh). **Arrival:** 10+ Charcoal Tank NR 2 Sep (DGe), 30 Capertee Valley 15 Oct (CSH).

Black-faced Woodswallow *A. cinereus* 2 Woodstock 26 Nov (SWh), eastern edge of range.

Dusky Woodswallow *A. cyanopterus* 5 Minnie Water 10 Jun (GC), unusual winter coastal record; Present on the South Coast Jan-25 Apr, 22 Aug-Dec (ENHS).

Little Woodswallow *A. minor* 10 Mutawingie NP 13 Mar (DPo); 4 Yathong NR 21-22 Sep (AR), 6 Round Hill NR 5 Oct, actually roosting in the evening with White-browed & Masked Woodswallows (CM), 1 Tarawi NR 6 Oct (GLC).

Grey Butcherbird *Cracticus torquatus* Im attacked & killed an Eastern Yellow Robin at Mangrove Mountain 11 Jun (CCBR).

Pied Butcherbird *Cracticus nigrogularis* 1 Brooks Ferry 10 Feb, 1 North Sackville 25 Mar (KB), a small intrusion into the County of Cumberland;

Australian Magpie *Gymnorhina tibicen* Raised 2 Channel-billed Cuckoo young at Killara 15 Feb (DCa), not often recorded as hosts.

Pied Currawong *Strepera graculina* 1 4 km N of Girilambone 8 Sep (CP), western edge of range; Winter arrivals in south west NSW include Narrandera 25 Apr (NJ) & Yanco 1 May (MS).

Grey Currawong *S. versicolor* 1 Cudmirrah 3 Apr (KM); 4 Wallaga Lake Sep (ENHS); 1 near Mallee Cliffs NP 18 Sep (AM), 2+ Tarawi NR 6 Oct (GLC), the latter two records are for the mallee sub-species.

Paradise Riflebird *Ptiloris paradiseus* HC Willi Willi NR 9 Jan (ABi).

Little Raven *C. mellori* 25 Tomalla & 17 Moonan Brook 25 Jan (HBR); 50+ Capertee Valley 9 Jan & 12 Dec (RT).

Torresian Crow *C. orru* The southern-most records were 20+ Lemon Tree Passage 5 Jun & Pipers Bay 21 Aug (HBR), 2 Stroud 13 Mar (DPo).

White-winged Chough *Corcorax melanorhamphos* 5 Lawrence 23 Oct (GC), unusual coastal record, 10 Drake 1 Apr (JH) normal eastern limit of range; 4 Castle Cove Golf Course 28 Jun (AMc), an unusual Sydney Region record; 5 Toolijoa 12 Jun (CP), indicating a northward expansion up the Illawarra Coastal Plain after being observed in Bomaderry only a few years ago.

Apostlebird *Struthidea cinerea* 8 Mount Druitt 28 Jun (RCv), resident group originally escapes from Featherdale Farm; Group Caragabal Cemetery 24 Sep (AM), eastern edge of current range?

Green Catbird *Ailuroedus crassirostris* 1 Slacky Flat 18 Sep (GB), unusual location.

Satin Bowerbird *Ptilonorhynchus violaceus* 1 green bird Hunters Hill suburban garden 23 May (TKa), not previously reported from this location.

Regent Bowerbird *Ptilonorhynchus sericulus* AM below Middle Bend, Gibraltar Range NP 3 Jul (GC); 1 Ferndale HSD, Dungog 30-31 Oct (EK); 1 Cattai NP 13-21 Sep, 17 Oct (KB,MR).

Spotted Bowerbird *Chlamydera maculata* 3 Valley Heights 18-20 Jan (CP), a very unusual location for which no explanation can be given as the location is at least 300 km from the species normal range.

Singing Bushlark *Mirafra javanica* 1 Richmond Turf Farms 5 Sep (EV); Nesting Lake Nialia 28 Sep-7 Oct (GLC)

Skylark *Alauda arvensis* 2 or 3 at Tilba Lake Feb-May, Nov-Dec (ENHS).

Yellow Wagtail *M. flava* No reports for 1999.

Eurasian Tree-Sparrow *Passer montanus* No reports in 1999.

European Goldfinch *Carduelis carduelis* Resident Kooragang Island & Shortland (HBR); 2 Magic Pt Maroubra 11 May (RG); 20 Tilba Lake 16 Oct (ENHS); 1 Katoomba 11 May (CP), formerly more abundant at this site, 10+ Wentworth Falls 18 Jul (RMi), unusual on the Upper Blue Mountains; 22 Fivebough Swamp 22 May (KH).

European Greenfinch *C. chloris* Max 5 Magic Pt Maroubra 1 Jul-14 Aug (BC, EV).

Zebra Finch *Taeniopygia guttata* Coastal Records include: 20+ Lochinvar 1 May & Coolamore 6 May (HBR); 6+ Glenbrook Jul (JBa), 10+ McGraths Hill STW 18 Sep (TWa).

Double-barred Finch *T. bichenovii* Reported only from 2 sites on the Central Coast at Tuggerah STW & Mangrove Mountain, nesting at the latter locality (CCBR); Sydney records include: 1 Riverine Park, Arncliffe 8 Jan & up to 5 on 5 Jun-31 Aug (RMO), 6+ Scheyville NP 17 Apr (TWa).

Plum-headed Finch *Neochmia modesta* 10+ Glen Davis Gorge 25 Apr (MH), 500+ Glen Alice 30 Aug-3 Sep (DGe), max 12 Rockview HSD, Glen Davis 4-19 Dec (EV); 20+ Deenderrah HSD Upper Manilla 15 Mar JW), 10+ Moore Creek Caves Res Sep (JCI), 1 15 km N of Warialda 22 Nov (JA); 10+ Gulargumbone Apr (CL). Fewer reports than usual.

Red-browed Finch *N. temporalis* 20+ Lake Talbot, Narrandera 26 Apr (IH, WEm), western edge of range.

Diamond Firetail *Stagonopleura guttata* 2 Carters Creek, Bargo 27 Oct (GB), rarely recorded in recent times in the Illawarra Region; 100+ Capertee Valley 14 Apr (WS) where regularly reported in large numbers, 3 Megalong Valley 21 Nov (EV).

Beautiful Firetail *S. bella* 1 Belmont Swamp 1 Jun (RBa); 4 Royal NP at 2 locations 31 Oct (TQ); 1A+1 Im Budderoo NP 20 Feb, 1 Fitzroy Falls 21 Feb (ID), 10+ Cooks Nose, Barren Grounds NR 2 Apr (RTu), 3+ Upper Avon Dam Apr (MRb), 2+ Porters Creek Dam 3 Apr (EV), 2 Maddens Plains 26 Apr (GB), 2 Yerrilyong Trig 14 Dec (KM); 1 Lawson 5 Apr, 5+ Kings Tablelands 25 Apr (TS), 1 Rockview HSD, Glen Davis 3 Jul (AR), 1 Mount Hay, Grose Valley 17 Jul (JRe). The Belmont bird may be an escapee.

Nutmeg Mannikin *Lonchura punctulata* 25 McGraths Hill STW 18 Sep (TWa), 20 Mason park, Concord 19 Sep (CSH); 2 Lake Wyangan 23-26 Jan (JDu), not previously reported from this location.

Chestnut-breasted Mannikin *L. castaneothorax* Present all year Macleay Valley, max 16, numbers down on previous years (KS), 1 Crowdy bay NP 28 Feb & 2 Geneebeinga Wetlands 23 Dec (ABi), 50+ S of Southgate 23 Oct, 100+ Moonee Headland 7 Jul (GC); A+J Harrington 26 Feb (ABi), 2+ Stockton/Kooragang Is 2 Feb, 2+ Shortland WC 10 Feb, 2+ Stockton Borehole Swamp & Myall Lakes Apr (HBR); Max 20+ Tuggerah STW 3 Feb-13 Aug, & 17 on 18 Dec (CCBR); 10+ McGraths Hill STW 18 Sep (TWa), 3 Bicentennial Park Homebush Bay 19 Jun-28 Oct (NH,PB).

White-backed Swallow *Cheramoeca leucosternus* Small numbers Capertee Valley 24 May-14 Aug including, 5 Crown Stn Rd Glen Davis 3 Jul (AR,RT,TQ).

Welcome Swallow *Hirundo neoxena* 1 21 nautical miles off Sydney Heads heading south 9 May (AP).

Tree Martin *H. nigricans* 1000+ Frederickton 30 Jan (KS); 100+ Salt Ash 6 Mar (HBR); Small numbers on the Central Coast Jan-6 Jun and 30 Jul-Dec (CCBR); 50+ migrating over Blue Mountains at Kings Tableland 27 Mar (CP).

Fairy Martin *H. aerial* Overwintering at Woodford Island 22 May (GC); 7 Italian Mine Road 6-16 Jun, early arrivals or over-wintering? (ENHS). **Arrival:** 22 Fivebough Swamp 22 May (KH), 15+ Popran Quarry 13 Jul (CCBR), 6 Bicentennial Park 30 Jul (TD), 10+ Fineflower 21 Aug (GC).

Red-whiskered Bulbul *Pycnonotus jocosus* 2 South West Rocks 6 Jun (PRa); 14 Lake Wollumboola 3 Apr (APa), most southern limit; 1 Lake George 13 Feb (Nix 1999), new location, Canberra beware !!

Clamorous Reedwarbler *Acrocephalus stentoreus* 2 Fivebough Swamp 22 Aug (KH), early date.

Tawny Grassbird *Megalurus timoriensis* 11 Salt Ash 6 Mar & 14 on 20 Nov (HBR); 1 North Tacoma 15 Aug, new Central Coast location (CCBR); 1 Magic Pt Maroubra 14 Mar-8 Sep (EV,RG), 1 Bushells Lagoon 5 Jul (BC), 1 Pitt Town Bottoms 18 Dec (KB), 2 Pipeclay Pt Narrabeen Lagoon 30 Nov-20 Dec (BC).

Rufous Songlark *Cinchorhamphus mathewsi* 1 Cornwallis Rd Richmond 2 Oct (EV); 2 Megalong Valley 21 Nov (EV), edge of range. **Arrival:** 1 Capertee Valley 14 Aug (PDb).

Brown Songlark *C. cruralis* 2 Cornwallis Rd Richmond 2 Oct (EV), the only coastal record received.

Golden-headed Cisticola *Cisticola exilis* 50+ Broughton Is Jan (HBR); 1 Talbingo 4 Mar (IH,WEm).

Bassian Thrush *Zoothera lunulata* Resident across the Central Coast in suitable habitat, reported from 5 sites during the period Apr-Nov (CCBR).

Russet-tailed Thrush *Z. heinei* 1 Nightcap NP early Feb (MA), HC Iluka NR 1 Aug (GC), 1 Millbank 9 Aug (KS); 3 Copeland Tops & Copeland FR 13 Mar & 2-3 Oct (EV).

Common Blackbird *Turdus merula* 1 Korrungulla Swamp 16 Oct (RI), 2 Wollongong Golf Course 16 Dec (MEs); 2 Mullimburra Jan-Jul, 1 Tilba Lake 10 Dec (ENHS); 1 in garden at Gunnedah Nov (LBa); 2 Wongarbron 20 Sep (ABi).

Common Myna *Acridotheres tristis* Species has newly arrived in Macleay Valley and was located during the year at Aldavilla, Crescent Head, Frederickton & Millbank (KS); 1+ Tamworth 26 Sep (ABi).

ADDENDUM AND CORRECTION TO 1997 REPORT

Rose-crowned Fruit-Dove *Ptilinopus regina* 2 Harrington 27-27 Dec (HBR).

ADDENDUM AND CORRECTION TO 1998 REPORT

Bush-hen *Gallinula olivacea* 1 in gardens of Pacific Palms Resort, north Coffs Harbour 18 Jul (PHi), most southerly known record, but subsequently found further south in 2000.

Powerful Owl *Ninox strenua* Immature injured on road near Manilla (Debus 2001).

Barking Owl *Ninox connivens* Reported from Grove Rd Tingha, at Etoo Creek & Cumbil CK, Cumbil SF, and at Boorolong Ck, Armidale (Debus 2001).

Masked Owl *Tyto novaehollandiae* Reported from Baradine Ck, Merriwindi SF and possible response from playback at Warrabadah NP (Debus 2000).

Pied Honeyeater *Certhionyx variegatus* Present at Lake Pinnaroo, Camerons Corner Rd & Olive Downs, Sturt NP 24-28 Oct (SHo).

Red-lored Whistler *Pachycephala rufogularis* Reported at Round Hill Nature Reserve on 9 Oct (SHa) and again on 1 Nov (DTa), URRF's submitted and accepted by Aust. Bird Atlas. No records for Round Hill since these dates.

LORD HOWE ISLAND REPORT

Cape Petrel *Daption capense* 1 seen on 9 Oct (DH), rare visitor.

Great-winged Petrel *Pterodroma macroptera* 10 around Balls Pyramid 3 Sep (RCe).

Kermadec Petrel *Pterodroma neglecta* 10 around Balls Pyramid 4 Feb (PMA), 30 (1 light morph, 2 intermediate morphs the remainder all dark) same place 3 Sep (RCe), 5 including light, intermediate & dark morphs between Ball's Pyramid & the mainland 9 Oct & 4 on 27 Oct (DH,ML).

Black-winged Petrel *Pterodroma nigripennis* 3 Neds Beach 3 Nov, first summer record, slightly earlier than given by Hutton (1991).

Little Shearwater *Puffinus affinis* 3 around Balls Pyramid 3 Sep (RCe).

Sooty Shearwater *Puffinus griseus* 3 seen off Balls Pyramid 9 & 10 Oct (DH).

Short-tailed Shearwater *Puffinus tenuirostris* 30 off Balls Pyramid 9 Oct and 100+ on 10 Oct (DH).

Hutton's Shearwater *Puffinus huttoni* Single bird seen on both 9 & 10 Oct near Balls Pyramid (DH).

Wandering Albatross *Diomedea exulans gibsoni* A stage 3 bird on 9 Oct, 6 n.m. E of Mount Gower & 1 seen from Blinkey Beach 30 Oct (DH,ML), first records since before 1945 (Hutton 1991).

Black-browed Albatross *D. m. melanophris* Immature near Balls Pyramid 10 Oct & another on 27 Oct (ML), not listed by Hutton (1991), although recently claimed by others, no reports published 1990-1998 in NSW Bird Reports.

White-bellied Storm-Petrel *Fregretta grallaria* Max 8 on 4 Feb (PMA), 3 on 3 Sep (RCe), 60+ seen between mainland and Balls Pyramid on 27 Oct (ML), including at least one totally black-bellied bird (with a normal white rump), and a couple of intermediate phase birds (which has a little bit of white on the belly and a less distinct white rump).

Great Cormorant *Phalacrocorax carbo* 1 off Kings Beach 22 Nov (JG).

Australasian Gannet *Morus serrator* Sub-adult close to shore near Little Island 5 Feb (PM), Immature seen inside lagoon 10 Oct (DH), an uncommon visitor.

Intermediate Egret *Egretta intermedia* 1 in breeding plumage Milky Way units 26 Nov (JG).

Eurasian Coot *Fulica atra* 1 seen 8-15 Mar (IH), rare vagrant.

Ruddy Turnstone *Arenaria interpres* Flock of 80 at Old Settlement Beach 24 Nov (JG).

Wandering Tattler *Heteroscelus incana* 2 Neds Beach 7 Oct (DH)

Grey-tailed Tattler *H. brevipes* Max 4 seen around Island 3-5 Feb (PMa).

Red Knot *Callidris canutus* 1 seen on beach at end of Airstrip 8 Oct (DH), rare visitor.

Double-banded Plover *Charadrius bicinctus* 1 Old Settlement Beach 23 Nov, 1 North Bay 27-28 Nov, in non-breeding plumage (JG), late date.

Lesser Sand Plover *Charadrius mongolus* 1 on 8-15 Mar (IH) & 1 Blinkey Beach 28 Nov (ML), rare visitor.

Little Tern *Sterna albifrons* Bird in winter plumage with band but the number could not be read 7 Oct (DH), rare visitor.

White Tern *Gygis alba* Estimated 100 pairs around settlement in 1999, cf 10 pairs in 1972 (Recher et al 1974).

Black Noddy *Anous minutus* 40 nests in trees behind North Bay Beach 29 Oct (ML), cf 1972 surveys when no breeding could be discerned (Recher et al 1974).

Masked Owl *Tyto novaehollandiae* 1 responded to tape on golf course but not seen 4 Feb (PMa).

European Starling *Sterna vulgaris* 1 Malabar Track Feb (PM), 2-4 seen around Settlement Beach 5-10 Oct (DH), only recorded at Milky Way units 21-28 Nov (JG). First reported 1924, estimated to be about fifty birds 1990, but a gradual decline has been noted in recent times (Hutton 1991).

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APPENDIX 1

List of Observers

AA	Annabel Ash	BM	Bill Moller	DMe	D. Metford
AB	Andrew Burton	BMc	B. McLean	DMi	David Millege
ABe	Allan Benson	BP	Barry Pascoe	DMo	D. Moretto
ABg	Arthug Biggs	BPh	B. Phillips	DMP	Derek McPherson
ABi	Tony Bischoff	BR	Betty Reed	DO	Damon Oliver
AC	Alan Cowan	BT	Bo Tottenham	DOd	D. O'Dell
AF	Andrew Fay	BW	Beth Williams	DP	David Potter
AFa	Anthony Fabro	BWe	Belinda Webster	DPa	David Page
AH	Tony Horwood	CA	Craig Arms	DPi	D. Pirlo
AHo	Andrew Holmes	CB	Chris Brandis	DPI	Dino Polianto
AHu	A. Hutchison	CC	Chris Chafer	DPo	Dean Portelli
AL	Andrew Ley	CCu	C. Curson	DPr	David Price
ALe	Alan Leishman	CD	Chris Davey	DR	David Rohweder
AM	Alan Morris	CG	Chris Gladwin	DS	David Sawyer
AMa	A. McCashney	CH	Clive Hudson	DSe	David Secomb
AMc	Allan McBride	CHe	Chris Herbert	DSm	David Seims
AMi	A. Mitchell	CK	Cilla Kinross	DSt	David Stuart
AO	Anthony Overs	CL	Chris Lester	DT	David Turner
AP	Tony Palliser	CM	Clive Meadows	DTh	D. Thompson
APa	Andrew Patrick	CMa	Cathy Mardell	DW	David Webb
APi	Allan Piere	CP	Carol Proberts	DWa	D. Walker
AQ	Annie Qusted	CPa	Chris Padley	DWt	David Waterhouse
AR	Alan Richards	CPe	Chris Presland	EA	Eric Andrew
ARc	A. Richardson	CPk	Carol Parkinson	EAt	E. Atkinson
ARo	A.E.F. Rogers	CPr	C. Preston	EC	E. Crawford
AS	Alan Stuart	CS	Colin Scouler	EFa	E. Fair
ASt	Andrew Stafford	CSh	Chris Shinton	EH	Ernie Hoskin
AT	A. Taylor	DAn	David Andrew	EK	Elisabeth Karplus
AV	Anne Van Roekel	DCa	D. Cameron	EM	E. Mugford
BC	Bruce Cox	DCo	D. Colbourne	ER	Eric Rice
BCo	Barry Collier	DF	D. Frew	ERy	Ellis Reynolds
BD	Brian Downer	DGe	David Geering	ET	E. Toombs
BDb	Bill De Belin	DH	Dion Hobcroft	EV	Edwin Vella
BE	Brian Everingham	DJa	David James	EWa	E. Waters
BG	Bill Glen	DJn	D. Johnston	EWh	Eric Whiting
BH	Barbara Hales	DJo	David Johnson	FC	Frances Czwalina
BHl	Brian Hole	DK	David Koffel	FJ	Fiona Johnson
BHo	Barbara Howie	DL	Dariel Larkins	FK	Ford Kristo
BJ	Barbara Jones	DLa	David Latham	GB	Graham Barwell
		DM	Dick Mason	GBI	G. Belford
		DMa	David Martin	GC	Greg Clancy
		DMc	D. McKay	GCC	G. Cheers

GCl	Grahame Clark	JD	J. Dark	KL	K. Lowrie
GCp	C. Chapman	JDa	J. Davidson	KM	Kevin Mills
GG	G. Gilmore	JDu	John Duranti	KMo	Keith Morris
GGa	Gordon Garrod	JDv	J. Davidson	KS	Ken Shingleton
GJ	Gillian Janus	JDh	John De Heume	KV	K.Voice
GLC	GouldLeague Camp	JE	Jan England	LA	L. Archbold
GMi	Geoff Mitchell	JF	Jim Francis	LB	Laurie Bartlett
GO	Grahame Olde	JFo	Joe Forshaw	LBa	Louise Baker
GP	Graham Pittar	JG	John Goldie	LBl	Lorna Bloom
GRo	Gwen Robinson	JH	June Harris	LC	Laurie Conole
GRs	Geoff Ross	JHd	J. Hardy	LD	Lynn Davis
GRy	George Raynor	JHk	Judith Hoskin	LDe	L. Deighton
GSt	Gillian Steward	JHl	Jack Holland	LG	L. Goshing
GT	Graham Turner	JHo	Janet Houghton	LH	Lauris Hopkins
HBR	Hunter Bird Report	JL	John Leonard	LHa	Louise Harrison
HH	Henry Hancock	Lo	Jesse Lomas	LHe	Lynne Heywood
HJ	Hugh Jones	JLw	J. Laws	LHu	Linda Hutchins
HN	Helen Newton	JM	Jane Miller	LJ	Lorne Johnson
HPe	Harvey Perkins	JMc	J. McLaren	LM	Larry Melican
HR	H. Roberts	JMe	Julie McEnally	LMc	Laurie McEnally
HW	Hans Wolnuth	JMo	John Monk	LS	Lindsey Smith
HWr	Heather Wright	JMy	Joke Meyer	LSp	L. Spackwood
IB	Ian Bailey	JN	J. Nankervis	LT	L. Tarrant
ID	Irene Denton	Jno	Jenny Norton	LW	L. Ward
IDa	Ian Davidson	JP	Joy Pegler	LWi	L. Williams
IDo	I. Donaldson	JPe	Jack Peattie	MA	Marc Anderson
IDw	Ian Dowling	JR	Judith Russell	MB	M. Belshaw
IF	Ian Fraser	JRe	John Reidy	MBr	M. Branch
IH	Ian Harpley	JS	John Seale	MBu	Max Burrows
IJ	Ian Johnson	JSI	June Sell	MC	Marjorie Cochrane
IL	I. Lewis	JSt	Jan Strong	MCa	Mike Carter
IO	Ian Otway	JT	J. Tucker	MCo	Miriam Cort
JA	Joan Adams	JTe	Jim Tedder	MD	M. Doyle
JB	Jenny Bounds	JV	J. Van der Heul	ME	Murray Ellis
JBa	Jo Barrett	JW	Jenny Watts	MEs	Mary Eskdale
JBi	John Bishop	JWa	John Walter	MG	Margaret Gough
JBl	John Blomstedt	JWi	J. Wienke	MH	Michael Hunter
JBr	John Brickhill	JWk	J. Wilkinson	MHa	M. Hamon
JC	John Carpenter	JZ	Joan Zealy	MHe	Matthew Herring
JCa	J. Chamberlain	KB	Keith Brandwood	MHi	M. Hicks
JCe	J. Clifton-Everest	KCo	Keith Corbett	MI	M. Isbell
JCl	Jenny Clancy	KHa	K. Harris	MJ	Michael Jarman

MK	Mark Karla	PcT	Peter Christie	RT	R.J. Turner
ML	Murray Lord	PDb	P.Drake-Brockman	RTu	Roger Truscott
MLe	Mikla Lewis	PDr	Peter Draper	RW	R. Woodford
MLy	Mark Ley	PEk	Peter Ekert	RWa	R. Watts
MMo	Mike Morphett	PF	P. Fackender	RWe	Rick Webster
MO	M. O'Donovan	PG	Phil Green	SAs	Steve Anyon-Smith
MR	Michael Ronan	PH	Phil Hansbro	SB	Sarah Breheny
MRb	M. Robinson	PHi	Peter Higgins	SBo	Sandra Boxsell
MRO	M. Rowe	PHu	Paul Huntley	SBu	S. Butler
MS	Michael Schultz	PL	Phil Lamrock	SC	Sue Chittick
MSa	M. Sanders	PM	Peter Milburn	SCn	S. Coens
MSt	Mal Stokes	PMa	Phil Maher	SE	Steven Edwards
MSy	M. Sykes	PMc	P. McDonald	SEl	S. Ellis
MT	M. Turner	PMo	Pat Moller	SF	Stuart Fairbairn
MV	Maret Vesik	POs	P. Osborn	SFr	Sophia Frew
MVBOM	Macleay V.BirdObs	PPe	Paul Peake	SG	S. Guiffre
NB	Noel Brown	PR	Peter Roberts	SH	Sue Hamonet
NBr	N. Brimington	PRa	Peter Ramm	SHa	S. Halliday
NC	Nicholas Carlile	PS	Phillip Sankey	SK	Simon Kennedy
NCh	Neil Cheshire	PSt	Phil Straw	SRO	Sue Romane
NCl	Nicola Clark	RB	Robin Benson	SW	S. Wardell
NCn	N. Clinton	RBa	Richard Baxter	TD	Tony Dymond
ND	N. Day	RBo	Raoul Boughton	TH	T. Hyde
NDy	Nancy Dryden	RC	Dick Cooper	TKe	Tom Kelsey
NH	Nick Hodges	RCe	Rohan Clarke	TN	Ted Nixon
NJ	Neville James	RCI	Reg Clarke	TP	T. Perri
NJo	Noela Jones	RCo	R. Conroy	TQ	Trevor Quested
NK	Norman Kurtz	RD	R. Dunn	TS	Tony Saunders
NKi	N. Kirby	RDu	R. Duncan	Wa	Trevor Waller
NL	N. Leseberg	RG	Rod Gardner	Wy	Tom Wylie
Mc	N. McKendrick	RGu	Robin Gunning	V	V. Kinsler
NR	Nerida Rice	RH	Roger Handy	VKl	Val Klima
NS	Neville Schraeder	RHu	Rosemary Hunter	VM	Val Moon
NSm	N. Smith	RI	Ron Imisides	WEm	Wilma Emerton
PAI	P. Alstrom	RJo	Richard Jordan	WM	W. K. Martin
PAn	P. Andrew	RKa	Rod Kavannagh	WS	Warren Sweeney
PB	Philip Brook	RMi	Ruth Milton	WWi	W. Wickes
PBr	P. Bright	RMo	Rob Morrow	ZB	Zona Brown
PBe	Peter Beard	RMu	R. Mulholland		
PBu	P. Burcher	RP	Robert Payne		
PC	Pierre Charboneau	RQ	Rod Quinan		

APPENDIX II

Reported Location	Region	Co-ordinates Lat Long			
Aberdeen	H	32 10 150 52	Big Scrub NR Alstonville NC	28 38	153 20
Akolele	SC	36 22 150 10	Big Terrigal Ck,		
Albert	CWP	32 23 147 32	Quambone	CWP	30 54 147 42
Albury	SWS	36 36 146 55	Binya SF	SWP	34 13 146 15
Allyn Rvr Forest Park	H	33 07 151 25	Birdie Beh Nth MSRA	CC	33 12 151 36
Appin	I	34 11 150 47	Birmingham Gardens	H	32 53 151 42
Ardlethan	SWP	34 23 146 53	Blackbutt Res,	H	32 57 151 42
Armidale	NT	30 32 151 40	Black Head, Gerroa	I	34 37 150 49
Arncliffe Riverine Park	S	33 56 151 09	Blackville	NWS	31 39 150 15
Armidilly	NC	29 24 153 06	Blaxlands Creek	NC	29 55 152 47
Ash Island	H	32 52 151 43	Blue Bay Reefs	CC	33 21 151 30
Athol Glen, Glenreagh	NC	30 02 153 03	Blue Lake, Yurraygir NP	NC	29 34 153 20
Avoca Beach	CC	33 26 151 32	Bluegum Creek,		
Avondale HSD, Cooyal	CT	32 28 149 49	Wollombi	H	32 56 151 07
Awabakal NR	H	33 01 151 41	Boatharbour NR Lismore	NC	34 03 151 08
Bald Hills HSD, Hernani	NC	30 21 152 28	Boatharbour, Kurnell	S	34 03 151 08
Balgownie	I	34 23 150 53	Bodalla SF	SC	36 10 150 02
Balmoral HSD, Cooyal	CT	32 24 149 48	Bolaro SF, Batemans Bay	SC	35 41 150 04
Balranald	FSWP	34 28 143 33	Bolwarra	H	32 43 151 33
Baradine SF	NWP	30 55 149 03	Bondi	S	33 54 151 16
Barham	SWP	35 38 144 08	Bonnievale RNP	S	34 05 151 09
Barrangotol NR	SC		Boondelbah Island	H	32 43 152 14
Barren Grounds NR	I	34 38 150 40	Bootawah	H	31 56 152 18
Barrington Tops	H	33 07 151 25	Boothbys Ck Southgate	NC	29 37 153 05
Bass Point	I	34 36 150 54	Booti Booti NP	H	32 20 152 32
Batemans Bay	SC	35 43 150 11	Bora Chnl,		
Battery Rocks, Merriwa	H	32 12 150 27	Macquarie MNR	CWP	30 45 147 30
Bayswater Colliery	H	32 26 151 02	Bora TSR, Manilla	NWS	30 26 150 35
Bective	NWS	30 58 150 47	Botany Bay	S	34 00 151 10
Bellambi Point	I	34 21 150 55	Bourke	FNWP	30 05 145 56
Bellbrook	NC	30 51 152 35	Boydton	SC	37 05 149 52
Bellingen	NC	30 27 152 55	Bretti	H	31 57 151 56
Belmont Swamp	H	33 02 151 40	Brimen HSD, Widden V	H	32 42 150 20
Belmore Swamp			Brisbane Water	CC	33 26 151 20
Kempsey	NC	31 05 152 55	Brobenah Hills	SWP	34 29 146 21
Belmore R, Hat Head NP	NC	31 07 152 56	Broke Rd Pokolbin	H	32 47 150 46
Belowla	SC	35 33 150 23	Brooms Head, YNP	NC	29 37 153 20
Ben Boyd NP	SC	37 09 150 00	Brotherson Swamp	NC	29 50 152 24
Benanderah SF	SC	35 38 150 14	Brou Lake	SC	36 08 150 06
Benemerbah	SWP	34 33 145 53	Broughton Island	H	32 37 152 19
Bensville	CC	33 30 151 12	Broulee	SC	35 51 150 10
Beranghi	NC	31 10 152 55	Buckenbowra SF	SC	35 38 150 02
Berkeley Vale	CC	33 21 151 27	Budawang NP	SC	35 25 150 04
Bermagui	SC	36 25 150 03	Budegwoi Lake	CC	33 15 151 32
Berrara	I	35 12 150 33	Bulahdelah	NC	32 24 152 12
Berrys Bay, Syd Hbr	S	33 50 151 10	Bulgeraga Ck, Quambone	CWP	30 54 147 34
Bexhill	NC	28 47 153 21	Bulli Pass	I	34 19 150 55
Bicentennial Park	S	33 50 151 05	Bulli Tops	I	34 17 150 53
			Bundarra	NWS	30 10 151 04
			Bundeena, Royal NP	S	34 05 151 10
			Bunganbil	SWP	34 27 146 40
			Bungwahl	H	32 43 152 27

Burratorang Valley	I	33 57	150 25	Coledale	I	33 17	150 56
Burralow Ck HSD,				Collaroy Plateau	S	33 44	151 17
Kurrajong	S	33 33	150 38	Colleambally	SWP	34 49	145 51
Burren Junction	NWP	30 07	148 58	Collector	ST	34 55	149 26
Burrewarra Point	SC	35 50	150 13	Colongra Lake	CC	33 11	151 32
BusHELLs Lagoon	S	33 34	150 48	Colongra Swamp	CC	33 12	151 33
Byron Bay SYW	NC	38 28	153 38	Comboyne Plateau	NC	31 37	152 17
C & A Dam, Mulbring	H	32 53	151 31	Comerong island	I	34 52	150 43
Callum Brae ACT	ST			Concord	S	33 52	151 05
Cameray Golf Course	S	33 50	151 13	Condobolin	SWP	33 05	147 09
Campbells Swp,Griffith	SWP	34 13	145 58	Congewai Valley	H	32 59	151 18
Cams Wharf	H33 07	151 37		Congo Point	SC	35 58	150 09
Cape Solander BBNP	S	34 01	151 14	Coomaditchie Lagoon	I	34 29	150 54
Cape Byron	NC	38 28	153 38	Coomba Park Road	H	31 11	152 31
Cape Solander	S	34 01	151 14	Coombie HSD, Roto	FSWP	32 50	145 21
Capertee	CT	33 09	149 59	Coonabarabran	CWS	31 17	149 17
Capertee Valley	CT	33 06	149 59	Coon Is, Swansea	H	33 04	151 38
Carcoar	CT	33 37	149 08	Coopers Island	SC	36 05	150 07
Careel Bay	S	33 37	151 19	Cooranbong	H	33 04	151 26
Carmel Lagoon, Baradine	NWP	30 51	148 54	Cootamundra	SWS	34 38	148 01
Carnham Bdge,				Cooree Guide Camp,			
Clarence R	NC	29 30	152 32	Central Mangrove	CC	33 17	151 13
Caroona	NWS	31 25	150 26	Copeland	H	32 00	151 52
Carroll	NWS	30 59	150 26	Copeland FR	H	31 59	151 49
Castle Cove	S	33 37	151 13	Copeland SF	H	31 58	151 47
Castlereagh NR	S	33 41	150 45	Copeland Tops	NC	31 58	151 50
Cathederal Rock NP	NC	30 20	152 15	Copeton Dam	NWS	29 55	149 58
Cattai Ck, Maralya	S	33 36	150 57	Coramba	NC	30 14	153 04
Caves Beach	H	33 07	151 39	Corindi	NC	30 02	153 12
Cedar Hill Swamp	H	32 53	151 38	Cornwallis Rd	S	33 36	150 46
Centennial Park	S	33 54	151 14	Coutts Crossing	NC	29 50	152 54
Central Colo	S	33 55	150 47	Cowans Pond Res			
Central Mangrove	CC	33 18	151 15	Grafton	NC	29 43	152 55
Chaelundi NP	NC	29 55	152 40	Cowra	CT	33 50	148 41
Chaelundi SF	NC	29 55	152 28	Coxs Valley, Burratorang	I		
Charcoal Tank	SWS	33 53	147 02	Crescent Head	NC	31 12	152 59
Cherry Tree Hill, Inverell	NWS	29 32	150 59	Crinolyn HSD, Moree	NWP	29 15	149 08
Chichester Dam	H	32 14	151 40	Crown Stn Rd			
Chichester SF	H	32 10	151 40	Glen Alice	CT	33 09	150 08
Chickiba, Ballina	NC	28 52	153 34	Crowdy Bay NP	NC	31 44	152 47
Chittaway Bay	CC	33 19	151 27	Crowdy Head	NC	31 51	152 45
Chittaway Point	CC	33 19	151 28	Crowsnest Swp Tucabia	NC	29 42	153 06
Clarence River Estuary	NC	29 26	153 09	Cudmirrah	I	35 13	150 32
Clarencetown	H	32 35	151 47	Culburra	I	34 56	150 46
Clarenza	NC	29 42	152 58	Cundletown	H	31 53	152 33
Clarrie Hall Dam, Uki	NC	28 30	153 20	Cupitts Lane, Windsor	S	33 37	150 46
Cobark FP				Curly Is Chittaway Pt	CC	33 19	151 27
Gloucester Top	H	31 58	151 45	Curra Moors RNP	S	34 10	151 03
Cobbity	I	34 02	150 39	Currowan SF	SC	35 35	150 05
Cocoparra NP	SWP	34 08	146 14	Currs Rd Spirabo	NC	29 19	152 08
Cockle Broatwater	CC	33 29	151 22	Cut Hill Rd Cobbitty	S	33 59	150 40

Daleys Point, Bouddi NP	CC	33	31	151	21	Gara River	TSR	NT	30	35	151	48
Dampier SF	SC	36	05	150	00	Genebeinga Wetlands	NC	28	51	153	03	
Dart Island Yamba	NC	29	25	152	18	Gibberagee SF	Whiporie	NC	29	15	153	07
Davistown	CC	33	29	151	21	Gibraltar Range NP	NC	29	28	152	20	
Dee Why Lagoon	S	33	46	151	18	Gilgandra	CWS	31	43	148	40	
Deua NP	SC	35	54	149	50	Giliards Bch,						
Devils Hole, Barrington	H	32	02	151	27	Mimosa Rock	SC	36	35	150	03	
Devlins Ck Lane Cove	S	33	48	151	08	Gingham Watercourse	NWP	29	12	149	19	
Dhruwaigha Mountain	I	34	39	150	42	Ginghet HSD, Carinda	CWP	30	28	147	23	
Diggers Camp YNP	NC	29	48	153	17	Glebe	S	33	53	151	12	
Dirnaseer	SWS	34	28	147	42	Glen Alice	CT	33	03	150	12	
Dubbo	CWS	32	15	148	45	Glenbrook	S	33	45	150	36	
Dunedoo	CWS	32	01	149	23	Glenifer Brae	I	34	24	150	52	
Doroughby	NC	29	40	153	20	Glenrock SRA	H	32	58	151	44	
Doughboy Hollow	H	32	38	151	10	Glen Davis	CT	33	07	150	17	
Dungog	H	32	24	151	45	Glossodia	S	33	32	150	48	
Dungirr NP Bowraville	NC	30	35	152	34	Gloucester	H	32	01	151	58	
Dunlop Park, Avalon	S	33	28	151	20	Gol Gol	FSWP	34	14	142	13	
Dunmore	I	34	36	150	56	Goolawah	NC	31	14	152	57	
Dunns Creek	H	32	38	151	38	Goulburn	ST	34	45	149	43	
Dunns Swamp,						Gosford	CC	33	26	151	02	
Wollemi NP	CT	32	50	150	13	Goura NR, Tilba	SC	36	21	149	58	
Durras Lake	SC	35	38	150	16	Grafton North	NC	29	32	153	06	
East Corrimal	I	34	22	150	54	Grahamstown Reservoir	H	32	45	151	48	
East Maitland	H	32	45	151	36	Grasslands HSD,						
Eden	SC	37	04	149	54	Mullumbimby	NC	28	33	153	30	
Edgeworth	H	32	55	151	55	Green Patch, Jervis Bay	I	35	09	151	44	
Elbow Swp,RobertsCreek	NC					Green Wattle Creek	H	32	40	151	38	
Eleebana	H	32	59	151	38	Greenwich	S	33	50	151	44	
Ellalong Swamp	H	32	55	151	18	Grenfell	SWS	33	53	148	10	
Emmaville	NT	29	27	151	36	Grong Grong	SWP	34	44	146	46	
Emu Plains	S	33	45	150	40	Griffith	SWP	34	17	146	03	
Ettalong Beach	CC	33	12	151	20	Guerilla Bay	SC	35	49	150	13	
Eulindra HSD, Moree	NWP	29	28	149	52	Gumin Gumin	CWP	31	15	148	51	
Euroley	SWP	34	33	146	25	Gum Swamp, Forbes	CWS	33	23	147	59	
Fairfield HSD,						Gunnedah	NWS	30	59	150	15	
Coonamble	CWP	31	01	148	14	Gwynneville	I	34	25	150	53	
Fairydell, Springwood	CT	33	42	150	34	Gwydir Park TSR	NT	30	11	151	04	
Fingal Bay	H	32	45	152	09	Halfway Creek	NC	29	56	153	03	
Fivebough Swamp	SWP	34	32	151	05	Hanging Rock Broadwater,						
Five Islands NR	I	34	27	150	56	Mann R	NC	29	28	152	28	
Flat Rock, Ballina	NC	28	53	153	36	Hanwood	SWP	34	20	146	03	
Flat Rock SF	SC	35	24	150	18	Harwood Island	NC	29	26	153	16	
Floraville	H	33	01	151	42	Harden	SWS	34	33	148	53	
Forbes	SWS	33	22	148	02	Harrington	H	31	53	152	41	
Fords Bridge	FNWP	29	45	145	27	Hastings Point	NC	28	23	153	34	
Forestland SF Spirabo	NC	29	25	152	00	Hat Head NP	NC	30	56	153	03	
Forster	H	32	10	152	32	Hay	SWP	34	29	144	52	
Fosterton	H	32	30	151	45	Heaton Gap	H	32	58	151	58	
Frederickton	NC	31	02	152	52	Hernani	NC	30	58	152	24	
Freemans Reach	S	33	34	150	47	Hérons Creek	NC	31	36	152	44	
Ganmain SF	SWP	34	44	147	01	Hexham Swamp	H	32	50	151	40	

Hickey Island, Yamba	NC	29 26	153 21	Levenstrath	NC	29 49	152 56
Hillston	SWP	33 29	145 33	Lighthouse Beach,			
Hillville Dam ,Taree	H	31 58	152 22	Port Macquarie	NC	31 29	152 55
Hillytop Wagga	SWS	35 08	147 21	Lilli Pilli, Bega	SC	36 43	149 03
Hinton	H	32 43	151 38	Lilydale Bdge,			
Ilarwill	NC	29 28	153 12	Copmanhurst	NC	29 23	152 38
Ituka	NC	29 25	153 22	Limeburners Creek NR	NC	31 17	152 55
Iluka NR	NC	29 24	153 22	Linton NR	CT	30 27	150 52
Holbrook HSD, Widden	H	32 38	150 22	Lisarow	CC	33 23	151 22
Kedumba Valley	I	34 06	150 20	LismoreLake CP	NC	29 48	156 17
Kelvin SF	NWS	30 49	150 21	Little Beach Bouddi NP	CC	33 31	151 25
Kingston ACT	ST	35 18	149 08	Little Gibber, MLNP	H	32 31	151 22
Kookaburra	NC	31 02	152 20	Londonderry	S	33 39	150 44
Koona Bay, L Illawarra	I	34 34	150 47	Long Reef	S	33 45	151 19
Kooragang Island	H	32 53	151 47	Loughnan NR Hillston	SWP	33 34	145 47
Koorawatha	CT	34 02	148 33	Lower Portland	S	33 26	150 53
Kulnura	CC	33 13	151 13	Lugarno	S	33 59	151 03
Kur-ringai Chase NP	S	33 40	151 12	Lyndhurst	CT	33 42	149 04
Kurmond	S	33 34	150 42	Mackeral Bch, KCNP	S	33 35	151 17
Kurrajong Heights	CT	33 32	150 38	Macksville	NC	30 42	152 56
Kurri Kurri	H	32 49	151 29	Maclean Lookout	NC	29 27	158 13
Kyeemagh	S	33 57	151 09	Macquarie Fields	S	33 58	150 53
Kyinney Range, Roto	FSWP	32 50	145 20	Macquarie Marshes NR	CWP	30 40	147 35
Lady Carrington Dr RNP	S	34 06	151 03	Macquarie River, Carinda	CWP	30 25	148 34
Lake Arragan	NC	29 34	153 20	Maianbar, Royal NP	S	34 05	151 08
Lake Ballyrogan	SW	33 30	145 58	Mallangance	NC	28 54	152 44
Lake Bathurst	ST	35 04	149 43	Malua Bay	SC	35 47	150 13
Lake Burragorang	CT	34 10	150 20	Mandalong	H	33 07	151 27
Lake Cakora,				Mangrove Mountain	CC	33 18	151 11
Brooms Head	NC	29 37	153 20	Manning Point Spit	H	31 52	152 42
Lake Cargelligo STW	SWP	33 18	146 22	Maralya, near Sackville	S	33 36	150 53
Lake Conjola	I	35 15	150 27	Maria River Rd	NC	31 13	152 55
Lake Cowal	CWS	33 35	147 27	Maria River SF	NC	31 09	152 51
Lake Heights	I	34 28	150 50	Market Swamp, Sandgate	H	32 53	151 42
Lake Illawarra South	I	34 33	150 50	Marlyn HSD, Glen Alice	CT	33 03	150 12
Lake Liddell	H	32 24	151 00	Maroubra	S	33 57	151 15
Lake Munmorah,				Maslams Ck Homebush	S	33 50	151 03
township	CC	33 11	151 34	Mason Pk, Concord	S	33 56	151 05
Lake Plashett	H	32 27	150 55	Matcham	CC	33 25	151 26
Lake Russell	NC	30 13	153 08	Matoni HSD, Bundarra	NT	30 25	151 10
Lake Wyangan North	SWP	34 13	146 01	McCoys Lkt Kookaburra	NC	31 01	152 20
Lane Cove	S	33 45	151 08	McGraths Hill STW	CC	30 38	150 49
Lansdowne	H	31 47	152 32	McMahons Point	S	33 15	151 13
La Perouse	S	33 59	151 14	McPhersons Crossing	NC	29 49	152 55
Lapstone	S	33 55	150 49	Megalong Valley	CT	33 43	150 14
Lauriton	NC	31 39	152 46	Menindee Lake	FSWP	32 29	142 21
Lawrence	NC	29 30	153 06	Merimbula Lake	SC	36 54	149 54
Leeton	SWP	34 33	146 24	Meringo	SC	35 59	150 09
Lees Pinch GRNP	H	32 18	150 04	Merriwa,			
Lees Reserve Chittaway	CC	33 19	151 25	(Westwood Rd)	H	32 13	151 28
Lemon Tree Passage	H	32 43	152 02	Merriwagga	SWP	33 49	145 37
Lennox Head	NC	28 47	153 35	Merriwee HSD, Manilla	NWS	30 45	150 43

Merriwindi SF Bardine	NWP	30	47	148	57	Narraweena	S	33	45	151	16
MIA SF	SWP	34	37	146	20	Narooma	SC	36	15	150	07
Middle Boambee	NC	30	21	153	04	Narran Lakes NR	NWP	29	45	147	25
Millbank	NC	30	52	152	37	Narrandera Common	SWP	34	43	146	35
Mill Ck, Dharug NP	CC	33	23	151	02	Narromine	CWP	32	14	148	16
Mitchell Park, Cattai	S	33	35	151	53	Nattai NP	I	34	10	150	25
Minchinbury	S	33	47	150	43	Nelligen	SC	35	39	150	05
Minnie Water	NC	29	46	153	18	Nelson Bay	H	32	43	152	08
Mistral Pt, Coogee	S	33	56	151	15	Nemingha	NC	31	07	150	59
Mittagong	I	34	27	150	27	Nerricon Swamp	SWP	34	13	146	02
Mogo SF	SC	35	47	150	08	Nerrigundah	SC	36	12	149	50
Molong Gorge,ACT	ST	35	20	149	16	Nevertire	CWP	31	51	147	42
Monga SF, Braidwood	ST	35	26	149	55	Newcastle Baths	H	32	56	151	47
Monia Gap	SWP	33	36	145	58	Newcastle Heads	H	32	55	151	48
Mongo HSD, Wollar	CT	32	15	149	55	Newcastle Water Res	H	32	53	151	42
Monkeygar Ck, MMNR	CWP	30	54	147	56	New Lambton Heights	H	32	58	151	43
Moon Island	H	33	05	151	41	Newington wetlands	S	33	50	151	03
Moonee Beach	NC	30	12	153	19	Newtown	S	33	54	151	11
Morisset	H	33	07	151	29	Norah Head	CC	33	17	151	35
Mororo	NC	29	20	153	14	Norahville	CC	33	23	151	33
Morpeth STW	H	32	44	151	39	North Arm Cove	H	32	40	152	02
Moruya	SC	35	55	150	06	North Boambee	NC	30	20	153	05
Mosman Bay	S	33	50	151	14	North Botany Bay	S	33	58	151	12
Mother-of Ducks Lake,						North Ryde	S	33	45	151	06
Guyra	NT	30	13	151	40	North Sydney	S	33	50	151	12
Mount Banks	CT	33	33	150	22	North Tacoma	CC	33	19	151	26
Mount Druitt RS	S	33	47	150	49	North Turramurra	S	33	43	151	08
Mount Neville NR	NC	28	32	153	17	Norton's Basin, Wallacia	S	33	51	150	37
Mount Ousley	I	34	24	150	52	Nowra	I	34	52	150	36
Mount Seaview	NC	31	24	152	15	Nullamulla, Inverell	NWS	29	39	151	13
Mount Tomah	CT	33	34	150	25	Nymboida	NC	29	56	152	44
Mount Vincent	H	32	37	151	05	Old Bar	H	31	58	151	35
Mt Parry Rd Willowtree	NWS	31	46	150	19	Old Buckiinguy HSD	CWP	31	07	147	33
Mount Warning NP	NC	28	25	153	15	Omaleah Ck Blackville	CT	31	39	150	14
Muddyneri, Fosterton	H	32	20	151	45	Otford, Royal NP	S	34	12	151	00
Mulgoa	S	33	50	150	38	Ourimbah	CC	33	23	151	03
Mulligans Flat NR ACT	ST	35	10	149	08	Ourimbah Ck, Chittaway	CC	33	20	151	25
Mullumbimby	H	28	35	153	30	Ourimbah SF	CC	33	16	151	32
Mungerarie SF	SC	35	55	150	01	Oyster Cove, Pt Stephens	H	32	44	151	56
Munghorn Gap NR	CT	32	23	149	50	Palm Beach	S	33	36	151	20
Mungo Brush	H	32	43	152	18	Palmdale	CC	33	19	151	22
Mungo NP	FSWP	33	33	143	03	Parkes	CWS	33	08	148	10
Munmorah Power Stn	CC	33	12	151	33	Parramatta	S	33	48	151	00
Murrah Beach	SC	36	28	150	04	Parraweena HSD,					
Murringo	SWS	34	19	148	31	Willowtree	NT	31	43	150	24
Murrumbung HSD, Mard	CC	33	18	151	15	Patches Beach,					
Muswellbrook	H	32	16	150	53	Sth Ballina	NC	28	54	153	33
Myall River MLNP	H	32	27	152	25	Pelican Is,					
Nabiac	H	32	06	152	23	Sth West Rocks	NC	30	55	153	02
Nambucca Heads	NC	30	39	153	00	Pelican Point	CC	33	18	151	34
Narooma HSD, Wollar	CT	32	16	150	00	Pennant Hills G C	S	33	45	151	03
Narrawallee	I	35	18	150	28	Penrith	S	33	47	150	42

Picnic Pt The Entrance	CC	33	20	151	29	Sackville North	S	33	28	150	53
Pilchers Mt Wallarobba	H	32	30	150	41	St Peters, on Cooks River	S	33	54	151	10
Pillar Valley	NC	29	46	153	07	Saltash	H	32	57	151	54
Pilliga West SF	NWP	31	03	149	10	Saltwater, Harrington	H	31	55	152	38
Pine Hill, Narrandera	SWP	34	43	146	32	Saltwater Ck,					
Pitt Town NR	S	33	36	150	50	Ben Boyd NP	SC	37	09	150	00
Pitt Town Bottoms	S	33	37	150	50	Sandon Estuary	NC	29	41	153	19
Point Wollstonecroft	CC	33	06	151	35	Santa Barbara, Booti BNP	H	32	20	152	32
Polblue Swp,						Scheyville NP	S	33	38	150	54
BarringtonTops	H	32	02	151	27	Scone	H	32	03	150	52
Popran NP	CC	33	22	151	12	Seaham Swamp NR	NC	32	40	151	44
Port Macquarie	NC	31	27	152	54	Seelands	NC	29	36	152	55
Port Stephens Heads	H	32	43	152	11	Shanes Park, Blacktown	S	33	47	150	52
Powells Lgn,						Shannondale	NC	29	54	152	52
Richmond	S	33	36	150	45	Shark Bay,					
Primbee	I	34	30	150	52	Bundjulong NP	NC	29	20	153	22
Prospect Reservoir	S	33	49	150	53	Sharpes Ck, Gloucester T	H	32	04	151	41
Puckies Reserve	I	34	24	150	53	Sheepstation Ck,					
Pulletop NR	SWP	34	03	146	11	BorderRNP	NC	28	25	153	04
Pungbougal Lagoon,						Shell Pt, Botany Bay	S	34	02	151	08
Boggabilla	NWP	28	37	150	21	Sherwood	NC	31	04	152	44
Purfleet	H	31	56	152	28	Shipley Plateau	CT	33	40	150	15
Purgatory Ck, Jackadgery	NC	29	28	152	38	Shoal Bay	H	32	43	152	10
Quambone	CWP	30	56	147	52	Shortland WC	H	32	53	151	41
Rainbow Rch, Macleay R	NC	30	54	153	00	Skidders Creek	NC	29	53	152	50
Ramsay Is						Soldiers Pt, Norah Head	CC	33	17	151	33
Blackalls Bay	CC	33	30	151	20	Somersby	CC	33	22	151	17
Ramornie	NC	29	39	152	48	Somersby Falls	CC	33	24	151	16
Raymond Terrace	H	32	15	151	47	Southern Cross Uni,					
Red Cliff, Yuraygir NP	NC	29	34	153	20	Lismore	NC	28	50	153	16
Redhead	H	32	57	151	44	South Brooman SF	SC	35	31	150	15
Red Rock	NC	29	59	153	14	South Grafton Water Res	NC	29	44	152	54
Richmond	S	33	36	150	45	Speers Point	H	32	58	151	38
Richmond Turf farms	S	33	35	150	45	Split Solitary Island	NC	30	14	153	11
Robins Beach, Ballina	NC	28	58	153	30	Spring Ck, Manilla	NWS	30	45	150	43
Rockview HSD,						Sportsmans Creek	NC	29	30	153	03
Glen Davis	CT	33	09	150	08	Stackpoole SF Goolgowi	SWP	33	58	145	42
Rocky Creek Dam	NC	28	37	153	20	Stanley HSD, Quambone	CWP	30	54	147	38
Rocky WtHoles						Stanwell Ck, S.P.	I	34	13	150	58
Narrandera	SWP	34	45	146	33	Station Ck Yuraygir NP	NC	29	56	153	15
Rookhurst	H	31	54	151	53	Stockton	H	32	53	151	47
Rosedale	SC	35	49	150	13	Stratford	H	32	07	151	52
Rose Valley	I	34	43	150	48	Strickland SF	CC	33	22	151	19
Roto	SWP	33	03	145	29	Store Ck, Leeton	SWP	34	33	146	25
Rouse Hill RP	S	33	39	150	52	Stuarts Point	NC	30	50	152	59
Rowe's Lagoon,						Sturt NP	FNWP	29	20	141	30
Collector	ST	34	54	149	31	Summerland Point	CC	33	08	151	33
Round Hill NR	FSWP	33	00	146	10	Susan Island, Clarence R	NC	30	42	152	53
Royal Bot Gardens	S	33	52	151	13	Swan Lake	I	35	12	150	33
Royal NP Sutherland	S	34	14	151	05	Swan Pool, Hat Head NP	NC	31	04	153	00
Runnyford, Batemans Bay	SC	35	43	150	08	Talbingo	ST	35	34	148	18
Ryans Cut, Crescent Head	NC	31	08	153	00	Taleeban Res, Weethalle	SWP	33	55	146	27

Tallangandra SF	SC	35 58	149 30	Ulladulla	SC	35 22	150 29
Taloumbi	NC	29 32	153 16	Ulmarra	NC	29 37	153 03
Talywalka Ck, Wilcannia	FNWP	31 36	141 24	Upper Main Arm	NC	28 30	153 22
Tamworth Airport	NWS	31 05	150 50	Urbenville	NC	28 29	152 32
Tanilba Bay	H	33 43	152 02	Valla	NC	30 36	153 01
Tarawi NR, Wentworth	LSWP	33 26	141 10	Valley Heights	S	33 42	150 35
Tea Gardens	H	32 40	152 09	Van Dahls Trail, BWNP	CC	33 33	151 18
Telegraph Point	NC	31 19	152 48	Vauchuse	S	33 52	151 15
Temora	SWS	34 27	147 31	Victoria Park NR	NC	28 48	153 17
Terilbah Is The Entrance	CC	33 20	151 30	Violet Hill Rd,			
Termeil	I	35 29	150 21	MyallLakes NP	H	32 28	152 19
Terania Creek	NC	28 37	153 18	Wagga Wagga	SWS	35 04	147 22
Terridgerie Lagoon	NWP	30 53	148 49	Walka Water Works	H	34 43	151 37
Thredbo	ST	36 30	148 18	Wallaga Lake	SC	36 22	150 04
The Alice HSD,				Wallagoot Lake	SC	36 47	149 56
Glen Davis	CT	33 06	151 11	Wallarobba, Dungog	H	32 30	150 41
The Basin, Olney SF	H	33 05	151 14	Walleroo SF	H	32 39	151 50
The Entrance	CC	33 21	151 30	Wallenbeen	SWS	34 32	148 09
The Morass,				Wallerawang	CT	33 35	150 03
Lake Bathurst	ST	35 03	149 41	Wallis Lake, Forster	H	32 15	152 30
The Rock	SWS	35 17	147 07	Wallis Lake, Lithgow	CT	33 31	150 04
Thirroul Beach	I	34 19	150 55	Wamberal Lagoon	CC	33 26	151 26
Thule Creek	SWP	35 39	144 24	Walsh Shed			
Tilba Lake	SC	36 18	150 07	Colleambally	SWP	34 47	145 58
Timor Rock,				Wambina NR Matcham	CC	33 24	151 26
WarrumbungleNP	CWP	31 16	149 09	Wamoon	SWP	34 32	146 19
Tingira Heights	H	33 01	151 38	Wandella SF	SC	36 20	149 52
Tomago	H	32 49	151 45	Wandera SF	SC	35 48	150 01
Toolijooa	I	34 46	150 46	Warnervale	S	33 15	151 28
Toorumbec	NC	31 04	152 27	Warragamba Dam	I	33 53	150 56
Toowoan Bay	CC	33 22	151 30	Warrarh Trig BWNP	CC	33 33	151 17
Toronto Wetland	H	33 01	151 35	Warrana, Coonamble	CWP	31 00	148 26
Torryburn	NWS	30 27	151 13	Warriewood wetlands	S	33 42	151 18
Tottenham Hospital	CWP	32 14	147 21	Warrumbungle (Village)	CWP	31 15	148 47
Toukley	CC	33 16	151 32	Warrumbungle NP	CWP	31 18	149 00
Towarrie NP,Scone	H	31 52	150 38	Waterview Hgts, Grafton	NC	29 41	152 53
Towra Point NR	S	34 02	151 11	Wattamolla, RNP	S	34 08	151 07
Trenayr Lagoon	NC	29 37	152 57	Weddin SF	SWS	33 56	148 00
Trunketabella	SC	36 04	150 04	Weddin Mountains	SWS	33 58	147 59
Tucabia	NC	29 40	153 06	Wentworth	FSWP	34 06	141 54
Tuckerbil Swamp	SWP	34 27	146 21	Wentworth Falls	CT	33 43	150 21
Tuggerah Bay	CC	33 18	151 26	West Head,			
Tuggerah Lakes	CC	33 20	151 29	Ku-ringai CNP	S	33 34	151 19
Tuggerah Dairy Swamp	CC	33 17	151 25	West Kempsey	NC	31 05	152 49
Tuggerah STW	CC	33 18	151 26	West Pymble	S	33 46	151 07
Tullys Hill, Narrandera	SWP	34 28	146 29	West Wallsend	H	32 55	151 35
Tuross	SC	36 04	150 08	West Wyalong	SWS	33 56	147 13
Tweed Heads	NC	28 11	153 32	Westleigh	S	33 43	151 04
Twofold Bay	SC	37 07	149 55	Wheeler Heights	S	33 44	151 15
Tyndale	NC	29 31	153 13	Whian Whian SF	NC	28 37	153 18
Ukerbarley HSD,				White Box Camp,			
Coonabarabran	CWS	31 14	149 12	Goulburn R NP	CT	32 17	150 03

Whitton	SWP	34	31	146	11	Woody Head,					
Whitton Pump Res	SWP	34	31	146	11	Yuraygir NP	NC	29	22	153	22
Whiporie	NC	29	19	153	00	Woolgoolga Creek	NC	30	07	153	11
Wiangaree	NC	28	31	152	58	Woolgoolga FR	NC	30	07	153	09
Widden Valley	H	32	25	150	23	Woonona	I	34	21	150	54
Wildridge HSD,						Worleys Ck Res	CC	33	18	151	10
Pappinbarra	NC	31	22	152	30	Worundi Ck Merriwa	H	32	15	150	28
Willbriggie Swamp	SWP	34	28	150	52	Wreck Bay Jervis Bay NPI		35	10	150	40
Williamtown wetlands	H	32	49	151	49	Wybung Head, MSRA	CC	33	11	151	37
Willie HSD, Warren	CWP	30	54	147	29	Wyeec Point	CC	33	07	151	31
Willurah HSD Conargo	SWP	35	00	145	06	Wyong Ck, Sth Tacoma	CC	33	17	151	27
Windang	I	34	32	150	52	Wyrribalong Trig	CC	33	24	151	28
Wingecarribee Reservoir	I	34	33	150	30	Yallah	I	34	32	150	47
Wingen	H	31	54	150	53	Yalwal	I	34	56	150	23
Wingham	H	31	52	152	22	Yamba	NC	29	26	153	22
Wirra SF, Wyalong	SWS	33	52	147	13	Yarrabimbi	SWP	34	29	146	30
Wittenbra SF Bugaldie	CWP	31	05	149	06	Yarrahapinni	NC	30	47	153	00
Wollongong	I	34	26	150	56	Yarrahapinni Wetlands	NC	30	54	152	59
Womboyne Lake	SC	37	15	149	55	Yarra	H	32	24	150	36
Woodberry	H	34	48	151	41	Yarrigan SF Bugaldie	CWP	31	03	149	04
Woodbury Pk Wyong	CC	33	16	151	23	Yango Ck Rd Laguna	H	32	59	151	07
Woodenbong	NC	28	24	152	37	Yarrowitch NP	NT	31	16	151	57
Woodford	CT	33	44	150	29	Yass	ST	34	50	148	55
Woodford Island	NC	29	30	153	10	Young	CT	34	19	148	18
Woodville	H	32	40	151	36						

RARE BIRDS IN NEW SOUTH WALES IN 1999
NINTH REPORT OF THE NSW ORNITHOLOGICAL RECORDS APPRAISAL
COMMITTEE

Keith Brandwood

562 Sackville Rd Sackville North NSW 2756

The ninth report of the NSWORAC details 18 submissions considered by the Committee as well as two submission dealt with by the Birds Australia Records Committee (BARC) relating to records in NSW. Together with the 245 cases already dealt with previously (Brandwood 2001) this brings to 263 the total number of cases resolved. Of the 245 cases considered, 164 have been accepted, 53 not accepted and 46 not confirmed. As at 31 December 2001, 324 submissions have been received.

The objective of the Committee is to provide an informed, discerning and impartial appraisal of claimed records of birds rare in NSW and Lord Howe Island. The membership of the Committee for 1999 was R. Cooper (Chairperson), K. Brandwood (Secretary), D. Hobcroft, A. Lindsey, A. K. Morris, A. Palliser, R. Turner & A.E.F. Rogers.

The Review List was adjusted from 1 January 1999 to remove Black-winged Petrel & Common Noddy. These species were removed because in the ten years up to 1999, each species was generally recorded annually often with multiple sightings. The current Review List was re-published in the newsletters of the contributing bird groups in NSW during the year 2001.

During the winter of 1999 there were some very cold ocean currents reported from the NSW coast and these colder than usual seas attracted extraordinary numbers of Southern Fulmars, Blue Petrels and other southern ocean seabirds.

The Committee continued to work closely with Birds Australia Rarities Committee (BARC), and two submission relating to reports received in 1999 for species on their Review List were referred directly. One determination was subsequently been received and was accepted (The Antarctic Petrel, 1st record for the Australian Mainland) and the other not accepted.

The quality of submissions continues to improve which is indeed encouraging. Many of the difficulties faced by the Committee from submissions result from very brief notes taken from memory. It is re-iterated that the recording of rarities such as those on the Review List will require as a minimum one or more of the following:

- Field notes as comprehensive as possible;
- Photographs and or tape recordings;
- Reports from multiple persons;
- The completion of a RAC report form.

A full report of each decision of the NSWORAC is available from the Secretary.

The format of this report is similar to previous reports. Again those records “not accepted” (NA), and those records “not confirmed” (NC) will be listed at the end of the Report. Records “not confirmed” are those where two years or more have elapsed without a submission being received even though invited by the Secretary. The Committee would welcome further information on any record not accepted or not confirmed and is willing to re-open to consider data additional to that already available.

Following the name of species accepted, there will be a set of three numerals. The first is the number of confirmed records for the species in NSW, the second is the number of confirmed records since 1970 (when the NSWFOC Annual Reports commenced), and the third represents the number of that species recorded in 1999. English and scientific names used in the text are in accordance with Christidis & Boles (1994).

Those observers who record the first, second or third records for NSW are encouraged to publish details in an appropriate journal.

Some people will feel disappointed at having their records not accepted but at the same time do understand that it is a worthwhile exercise to have the same standard of review applied to all records of rare or unusual species. Cases listed as “not confirmed” or “not accepted” do not necessarily reflect mis-identification, rather that information to date is inadequate to confirm identity beyond reasonable doubt. The support of all people in the review system is appreciated.

REFERENCES

- Brandwood, K. Rare Bird Report for New South Wales 1996 & 1997. *Aust. Birds* 32, 65-73.
Christidis L. & Boles, W.E. 1994, *The Taxonomy and Species of Birds of Australia and its Territories*.
RAOU Monograph 2, Melbourne.
Herring, M 2000 “Pied Heron near Albury”. *The Bird Obsv.* 805, 29
Morris, A. K. 2002 “New South Wales Annual Bird Report for 1999”. *Aust. Birds* 32 (in press)

SYSTEMATIC LIST OF CASES ACCEPTED

Southern Fulmar *Fulmarus glacialoides* **33.31.13**

During 1999 a minimum number of 13 Southern Fulmars were observed at 11 locations along the coast of NSW, from Norah Head in the north to Eden in the south (Morris 2002) Possibly 20-25 individual birds were seen between 24 June to 18 November. This irruption was without precedent and was an extraordinary situation for a bird rarely reported in NSW. From all these records three submissions were received however the same observers were often involved in seeing other Southern Fulmars birds and the Committee did not think it necessary to obtain more submissions when it was obvious that these birds were being seen regularly. At the time there was a cold water current off the NSW coast and it is believed that this is the reason for this and rare other species being present. The times of occurrence are consistent with previous records June-December.

Case No 298 details the sighting of a Southern Fulmar off Wollongong on 10 July 1999. This bird was caught and banded leaving no doubt as to the identity of the species and all identifying features were noted. Notes taken at the time described the petrel-shaped bill, pinkish coloured with black tip, silver grey upper wings with black primaries with white flashes giving a white shaft effect (in actual fact the primaries are all white with black tips leading onto the secondaries). There was a dark trailing edge to the wing. Primary coverts were dark grey contrasting with the white bases of the primaries giving that distinctive black and white finger effect on the upper wings seen when flying.

Case No 302 details the sighting of this species from land off Magic Point Maroubra on 31 July 1999. Seen at a distance of approx 2 km for 5-10 minutes by three observers, this distinctively plumaged bird was not difficult to identify even at that distance and a good description was provided.

Case No 325 details the sighting of this species 17 nautical miles east of Eden on 19 September 1999 at a distance of 10 metres for a period of 25 minutes by many observers, the bird was photographed as well. During this time all the distinctive features of this species were noted and can be seen in the photograph of the bird which appears on the b cover of the Journal.

Antarctic Petrel *Thalassoica antarctica* 1.1.1

Case 327 was submitted to BARC as their case No 277. This bird was seen from land at Mistral Point, Maroubra on 26 July 1999 by a lone observer who spends many hours each day seawatching from this locality. The bird was described as similar in size to a Cape Petrel *Daption capensis*, the dorsal surface was seen well, being pied, black (or blackish) and white. The head, mantle and back all appeared blackish as did the forepart of the upperwings. An obvious broad white stripe ran along the rear part of wings. The tail was also white with a hint of a dark tip, underparts not clearly seen but appeared to be white except for the head. The distinctive black and white plumage sets it apart from all other species in Australian Waters. First record for the Australian mainland and 1st record for NSW.

Soft-plumaged Petrel *Pteradroma mollis* 6.6.1

Case No 297 details the observation of this gadfly petrel species at sea 25 km east of Wollongong on 10 July 1999 at a distance of 20-30 metres. The bird was seen on two occasions for a total period of seven minutes giving excellent views to multiple observers. Notes taken at that time of observation showed that the bird had grey upper parts, breast band and underwing; the remainder of the underparts white, this combination separates the species from all other gadfly petrels. 6th confirmed record for NSW, the previous records all July-October.

Blue Petrel *Halobaena caerulea* 15.6.2 (11)

Case No 293 details the second live observation at sea of a Blue Petrel in NSW, and which was seen off Sydney on 10 July 1999. The bird was observed by multiple observers for 15 minutes at a distance as close as five metres. The observer supplied six slides, sketches and brief notes detailing the conspicuous white tip to the end of the tail, the dark hood and collar, a dark "M" mark across the pale blue grey upper wings on a prion size bird, the white tail tip being diagnostic for the species. Subsequently 18 birds were seen at five locations from Long Reef south to Batemans Bay from 9 July to 12 September, being about 11 separate records. Consistent with previous records, all seen during July, first records since 1995.

Royal Albatross *Diomedea epomophora* 34.32.2

Case No 301 details a Royal Albatross of the race *sandfordi*, seen from land off Magic Point Maroubra on 31 July 1999. The bird was seen at an approximate distance of one kilometre for 5-10 minutes in sunny conditions. The observer provided a sketch and notes which detailed the plumage and size, noting the important dark broad mark on the carpal joint that identifies this race of the Royal Albatross.

Case No 294 describes another Southern Royal Albatross *D.e. sandfordi* seen off Wollongong on 22 September 1999 at a distance of 20 m by multiple observers. Brief notes and sketches were provided by the observer, photographic slides were taken at the time but were not provided to the Committee as they had been given to another organisation. The notes and sketches detailed the dark cutting edge of the bill, the all white upper body and all dark upper wings which are the diagnostic features for this race of the Royal Albatross. These records are consistent with the known occurrence from July-November.

Grey-headed Albatross *D. chrysostoma* 21.6.2

Case No 292 details the observation of a juvenile of this species off Wollongong on 27 June 1999, the bird being observed for 15-20 minutes by many experienced observers at a distance of ten metres. The submission included 6 photographic slides, notes and sketches detailing and showing the critical identifying features including the dark bill with a hint of yellow on top and a very dark blackish tip. Obvious white cheek patches, a very dark eye with a dark patch in front of the eye, greyish head, nape and mantle, that separates this species from a juvenile Black-browed Albatross *D. melanophris*

Case No 323 reports on a sighting of this species in great detail, the observer providing a series of slides confirming the identity. The bird was observed off Eden on 19 September 1999 at a distance of 20 m for a period of two minutes by multiple observers. The description provided fits a First Year/Second Year bird. The only other mollymawk species this could be confused with is the juvenile Black-browed Albatross and the notes and photographs submitted eliminate this species. Both observations are consistent with known occurrence being May-December with most records for July-August.

Sooty Albatross *Phoebastria fusca* 16.12.1

Case No 296 details the observation at sea off Wollongong on 3 July 1999 at a distance of 50-100 m for two-three minutes of a Sooty Albatross. Notes taken at the time of the observation together with a photograph, describe and show an all dark albatross with a long tail, a slim streamlined body and long pointed wings. The bill was all dark with a yellow sulcus, identifying the bird as a Sooty Albatross. There are very few records of this species seen alive at sea in NSW, most records relate to beachcast specimens. This is

the first record accepted by the NSWORAC for this species and the first confirmed record since 1985 (off Wollongong). The observation is consistent with known occurrence of May-November with most records June-August.

Light-mantled Sooty Albatross *Phoebastria palpebrata* 13.13.1

Case No 295 details the sighting of this species off Wollongong on 27 June 1999 at a distance of 20 m for a period of ten minutes. No notes were taken but six excellent photographs were provided which were supplied with the submission. The photograph shows the light coloured back on an otherwise dark (brown) plumaged albatross, a dark bill with a blue sulcus, identifying this bird as a Light-mantled Sooty Albatross. This is the first record since 1994 and is consistent with previous observations which have occurred from June to October.

Black-bellied Storm-Petrel *Fregetta tropica* 11.11.2

Case No 299 details the sighting of this species off Wollongong on 10 July 1999 at a distance of four metres, the bird leaving and returning to the boat on four occasions over a period of about one hour giving good views to multiple observers. The observer supplied notes on plumage and size, which mentioned the all black upper parts with white crescent shaped rump. The neck and breast down to upper belly, was the same dark colour as the uppers. There was a black line running down the belly to where the legs attach, remainder of underparts white. Typical description for the species, last reported 1996.

Case No 305 details the sighting of this species at sea off Sydney on 25 September 1999 at a distance of 50 m. There were 25 other people present who saw the bird and a number of photographs were taken and submitted with the submission. The description included details of a blotchy patchy black belly line, feet just trailing beyond the tail, white rump, white flanks, blotchy white under the wing, otherwise black all over. Second confirmed record since 1996, all consistent with known occurrence, most records September to February.

Pied Heron *Ardea picta* 2.2.1

Case No 321 was comprised of a report and photographs of this distinctive bird published in *The Bird Observer* (Herring 2000). The bird, an adult, was observed on a large irrigation dam at Ettamogha near Albury on 17-18 August 1999 and all the distinctive features can be seen. A photograph of this bird appears on the front cover of the Journal. The only previous confirmed record was one at Lake Cowal in 1977.

Roseate Tern *Sterna dougalii* 4.4.1

Case No 306 details the sighting of this species on 24 January 1999 at Woody Head in Bunjalung National Park. The bird was roosting with 250 Common Terns *S. hirundo*, 5 Little Terns *S. albifrons*, 1 juvenile White-winged Black-Tern *Chilidonias leucopterus*, 2

Common Noddies *Anous stolidus* and 10 Silver Gulls *Larus novaehollandiae* giving plenty of species for comparison. The bird was observed for 30 minutes at a distance of 25 m and its rosy pink underparts, finer bill, different head shape and head markings giving the bird a different facial expression and setting it apart from the Common Terns. This is the first confirmed record since 1976 and one of the previous records was also in January.

CASES NOT ACCEPTED (NA) OR NOT CONFIRMED (NC) IN 1998

Kermadec Petrel *Pteradroma neglecta* One at sea off Wollongong 28 February 1999 (Morris 2002). NC.

Herald Petrel *P. arminjoniana* One at sea off South West Rocks 31 December 1999 (Morris 2002). NC.

Soft-plumaged Petrel *P. mollis* 1 at sea off Wollongong on 27 June & another on 8 August 1999 (Morris 2002). NC.

White-chinned Petrel *Procellaria aequinostialis* 1 at sea off Wollongong 11 September & 11 December, 1 off Lake Wollumboola 5 December 1999 (Morris 2002). NC.

Light-mantled Sooty Albatross *Phoebastria palpebrata* 1 at sea off Sydney 29 June 1999 (Morris 2002). NC.

Grey-backed Storm-Petrel *Oceanites nereis* 1 at sea off Wollongong 3 July, 14 August, two off Eden 15 August 1999 (Morris 2002). NC.

Black-bellied Storm-Petrel *Fregatta tropica* 1 at sea off Wollongong 20 October & 27 December 1999 (Morris 2000). NC.

Masked Booby *Sula novaehollandiae* 2 juveniles off Ballina Apr, 1 off South West Rocks 19 November & 16 December 1999 (Morris 2002). NC.

Red-footed Bobby *Sula sula* 1 at Long Reef 5 June 1999 (Morris 2002). NC.

Buff-breasted Sandpiper *Tringites subruficollis* 1 Lake Wollumboola 21 March 1999, no submission made to BARC. (Morris 2002). NC.

South Polar Skua *Catharacta maccormicki* 1 at sea off Wollongong 31 July 1999 (Morris 2002). NC.

Blue-winged Kookaburra *Dacelo leachii*. Single bird reported from Sturt NP 10 September 1999 (Morris 2002). Case No 304. NC.

Glossy Swiftlet *Collocalia esculenta*. Two small swifts seen at Connells point, Sydney 145 March 1999 (Morris 2002). BARC Case No 261. NA.

Pink Robin *Petroica rodinogaster* Single brown bird reported from Mitchell park, Cattai 11 April 1999 (Morris 2002). Case No 303. NA

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