

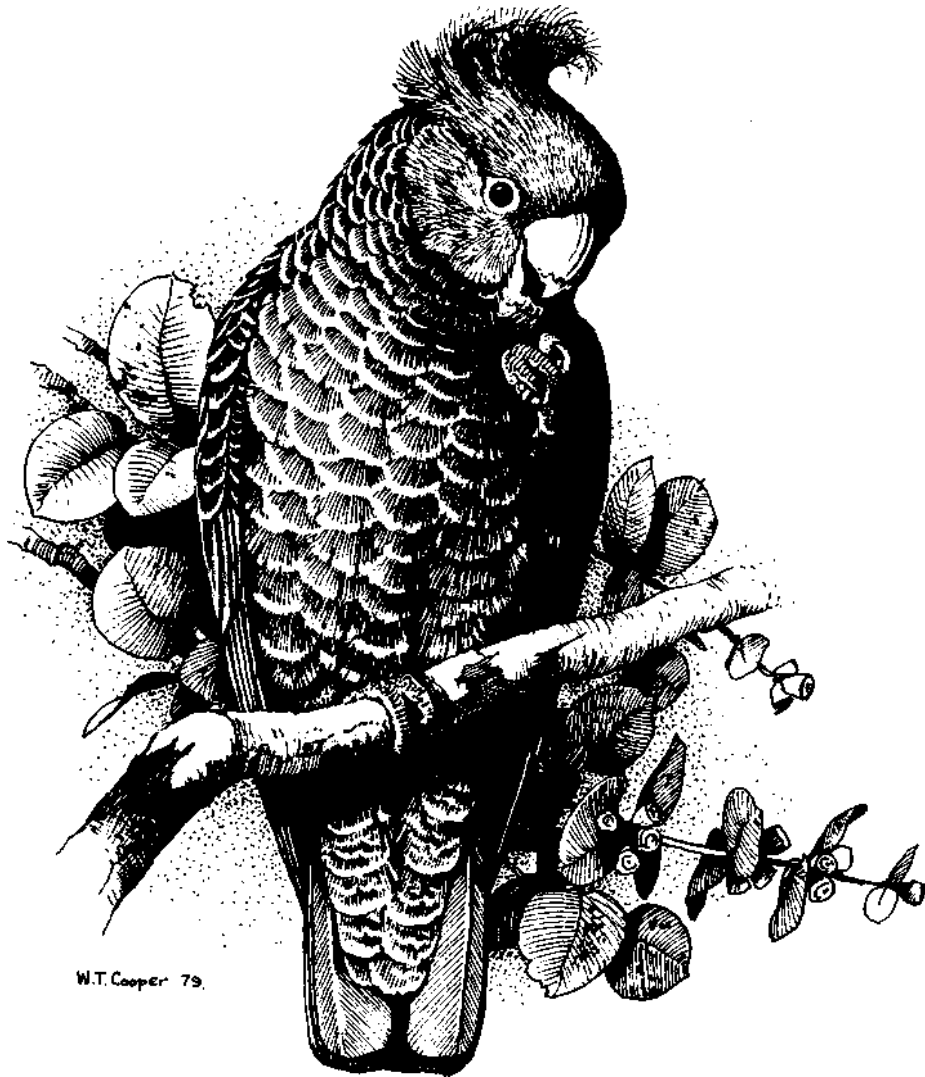
ISSN 0314-8211

# CANBERRA BIRD NOTES

Volume 21  
Number 4  
December 1996

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Registered by Australia Post - publication No NBH 0255



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(1996)**

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(Continued inside back cover)

## ANNUAL BIRD REPORT: 1 JULY 1991 TO 30 JUNE 1992

Canberra Ornithologists Group

### Introduction

This Annual Bird Report summarises all reports received by the Canberra Ornithologists Group (COG) of species in the Canberra region between 1 July 1991 and 30 June 1992. The Canberra region is the description given by COG to its area of interest. The boundaries of the region lie along the lines of latitude 34°45' and 36°00'S. and longitude 148°40' and 149°45'E. (see Appendix 3, Map 1).

A grid system is used for the collection and recording of information in the COG Database of Bird Observations. To achieve this the Canberra region has been divided into 780 grid cells, each of 2.5 minutes of latitude and longitude. Each grid cell is identified by an alpha-numeric code, A to Z across the region from west to east and 1 to 30 from north to south. For example, the village of Bungendore lies in grid cell S13. The location of the grid cells is shown in Appendix 3, Map 2.

The goal for COG will be to systematically survey all 780 grid cells in the region on a continuing basis. In 1991-92 members collected data from 215 of the cells (27.5%). The locations of these cells are shown in Appendix 3, Map 3. Members provided details of their observations on 740 record sheets.

There were 219 species recorded in the region during the twelve-month period to 30 June 1992, an increase of four on the previous year.

All records for Status 3 species, as defined in *A Field List of the Birds of Canberra and District* (Canberra Ornithologists Group 1985), included in this report, have been examined and endorsed by the COG Rarities Panel. A number of reported sightings of Status 3 species were not referred to the Rarities Panel by the observers and so, not being endorsed, are not included in this Report. They are, nevertheless, retained in the COG database as unconfirmed records and may subsequently be endorsed if Bird Reports are submitted.

### Highlights of the Year

The highlights of the 1991-92 year in the Canberra region included:

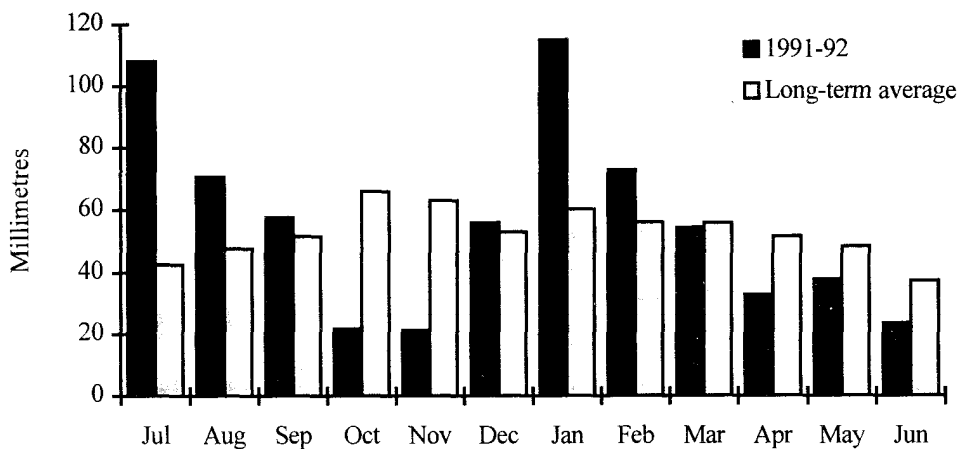
- the first reported breeding of the Australian White Ibis *Threskiornis molucca* in the region;
- two hundred and ninety Freckled Duck *Stictonetta naevosa*, at Lake George in May;
- observations of the Ruddy Turnstone *Arenaria interpres* at Yarralumla Bay, Lake Burley Griffin, in September, the first reported record for the ACT, and at Lake Bathurst in September and October;

- a Great Knot *Calidris tenuirostris* at Lake Bathurst in September, the first reported record for the region;
- seventeen Australian Pratincoles *Stiltia isabella* at Lake Bathurst in October, another first reported record for the region;
- a Pacific Golden Plover *Pluvialis fulva* at the northern end of Lake George in April, the first reported record at this site;
- the first reported record of the Bar-shouldered Dove *Geopelia humeralis* for the region;
- the first reported record of the Variegated Fairy-wren *Malurus lamberti* for the region;
- three records of the Scarlet Honeyeater *Myzomela sanguinolenta*, the first reported since the spring of 1987; and
- numbers of Common Mynas *Acridotheres tristis* in Canberra continue to increase and areas in southern Canberra are now being actively colonised (Davey 1992).

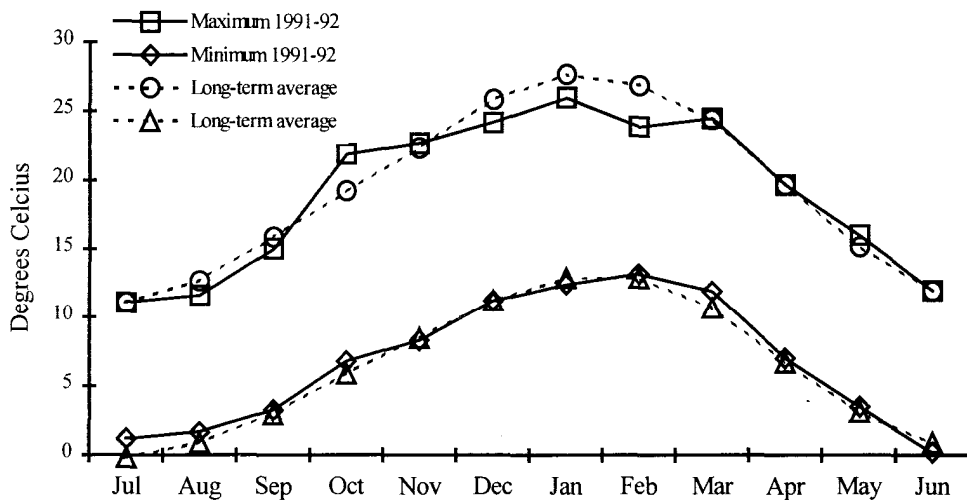
### Rainfall and Temperature

The total rainfall for the year was 672 mm (Figure 1), well up on the 520 mm recorded in 1990-91, but only slightly above the long-term yearly average of 633 mm. While January and July falls were significantly higher than the long-term average for those months, spring rains were down by almost half.

Average monthly temperatures were largely consistent with the long-term average although daily minimum figures were marginally higher (Figure 2).



**Figure 1.** Monthly rainfall figures for 1991-92 and long-term averages.



**Figure 2.** Monthly average maximum and minimum temperatures for 1991–92 and long-term averages.

### Sources of Data

Data for this report were obtained from four sources:

#### a) Garden Bird Survey

The Garden Bird Survey (GBS) data are derived from standard charts on which participants record observations on a weekly basis at sites throughout suburban Canberra. Observers record the maximum number of each species seen at any one time during a week within a radius of 100 metres of their home or workplace. A detailed description of the Garden Bird Survey has been made by Hermes (1981). Sixty-one charts were received for 1991-92. The approximate locations of the sites are shown in Appendix 3, Map 4.

One hundred and thirty-one species were recorded on the GBS charts submitted for 1991-92. Statistical values of abundance (A), distribution (F), presence (W), recording rate (R), and group size (G) are shown in Table 1 together with the percentage change in these values when compared with the average of the previous year (1990-91). The methods used to calculate these values are described in Appendix 1.

Histograms beside the text for a species indicate the average monthly number of individuals recorded in each GBS survey area per observer—week. The greatest monthly A value has been used to determine the vertical scale of each histogram.

Therefore, when comparing histograms to determine the values for different years and/or species, allowance should be made for differences in this scale.

**Table 1.** Values of A, F, W, R and G, etc

SPECIES NAME	A	dA%	F	dF%	W	dW%	R	dR%	G
Common Starling	11.7680	6	96.7	-2	52	0	74.78	-8	15.74
House Sparrow	7.0457	6	95.1	-2	52	0	71.34	-6	9.88
Galah	6.1483	8	100	0	52	0	76.88	-3	8.01
Silveryeye	5.7943	-7	98.4	2	52	0	67.83	-6	8.54
Pied Currawong	4.3884	-4	100	0	52	0	77.04	-7	5.7
Sulphur-crested Cockatoo	4.1637	-2	95.1	-3	52	0	65.24	-2	6.38
Common Myna	3.7288	34	70.5	30	52	0	41.11	5	9.07
Crimson Rosella	2.9729	-1	100	2	52	0	82.26	-2	3.61
Australian Magpie	2.4414	-7	98.4	-2	52	0	79.99	-8	3.05
Yellow-faced Honeyeater	1.8925	-14	86.9	-7	52	0	21.38	-37	8.85
Magpie-lark	1.8751	-6	100	0	52	0	72.43	-8	2.59
Common Blackbird	1.8605	-12	91.8	-5	52	0	73.85	-8	2.52
- Red Wattlebird	1.8549	-8	96.7	-2	52	0	74.58	-4	2.49
Eastern Rosella	1.3399	-18	90.2	-5	52	0	54.24	-13	2.47
Australian King-Parrot	1.3367	-4	72.1	-8	52	0	34.36	9	3.89
Yellow-rumped Thornbill	1.2947	-23	80.3	-12	52	0	32.13	-19	4.03
Rock Dove	1.2583	52	42.6	-19	52	0	15.84	30	7.94
Australian Raven	1.0598	11	91.8	-7	52	0	45.8	-2	2.31
Straw-necked Ibis	0.8411	409	16.4	8	17	42	1.7	48	49.55
Noisy Friarbird	0.8068	6	93.4	4	46	24	35	-1	2.3
Black-faced Cuckoo-shrike	0.6471	-11	93.4	-3	52	0	39.73	-10	1.63
Striated Pardalote	0.6079	-14	75.4	-7	52	0	32.98	-11	1.84
Eastern Spinebill	0.5990	-24	88.5	-1	52	0	35.81	-20	1.67
Superb Fairy-wren	0.5768	-21	70.5	-3	52	0	20.41	-13	2.83
Red-rumped Parrot	0.5635	20	36.1	-3	52	0	12.21	22	4.62
Gang-gang Cockatoo	0.5109	-1	63.9	-14	52	0	17.26	-16	2.96
White-naped Honeyeater	0.4499	-16	47.5	-24	32	0	5.94	-32	7.57
Silver Gull	0.4394	-60	6.6	-22	20	18	1.09	10	40.26
Spotted Pardalote	0.4268	-13	73.8	-13	52	0	25.26	-14	1.69
Willie Wagtail	0.4099	5	83.6	-12	52	0	31.24	9	1.31
Grey Fantail	0.3957	0	83.6	-5	52	0	24.45	-5	1.62
Laughing Kookaburra	0.3824	-14	70.5	-20	52	0	22.68	-7	1.69
Red-browed Finch	0.3464	-28	22.9	-32	34	-21	3.52	-38	9.85
Weebill	0.3230	-36	45.9	-23	52	0	14.39	-32	2.24
Welcome Swallow	0.2955	2	27.9	-41	51	0	5.66	-23	5.22
European Goldfinch	0.2126	-29	45.9	-25	50	2	8.41	-21	2.53
White-plumed Honeyeater	0.2086	39	31.1	-39	52	8	7.96	19	2.62
Noisy Miner	0.2017	15	21.3	26	52	0	7.28	27	2.77
Crested Pigeon	0.1977	301	24.6	265	52	6	9.05	206	2.18
White-winged Chough	0.1783	-38	24.6	-24	31	-31	2.3	-47	7.74
White-throated Needletail	0.1778	49	16.4	-31	10	-17	0.77	-31	23.16
Brown Thornbill	0.1730	-43	36.1	-24	52	0	10.35	-34	1.67
Striated Thornbill	0.1580	-35	29.5	-36	52	0	6.35	-25	2.49
Golden Whistler	0.1548	-24	54.1	-22	41	-5	12.45	-18	1.24
Rufous Whistler	0.1374	-15	59	-8	51	-2	10.71	-11	1.28
Australian White Ibis	0.1160	644	6.6	291	8	60	0.32	52	35.8

Table 1. (continued)

Buff-rumped Thornbill	0.1132	-18	16.4	-3	42	-5	2.47	-25	4.59
Fuscous Honeyeater	0.0825	-33	24.6	-44	27	0	3.92	-36	2.1
White-eared Honeyeater	0.0784	-32	44.3	-29	26	-16	6.99	-29	1.12
Grey Shrike-thrush	0.0732	-13	41	-10	51	4	6.79	-15	1.08
Little Raven	0.0711	-41	6.6	-44	8	-20	0.4	-18	17.6
Masked Lapwing	0.0683	-34	32.8	-19	48	-4	4.61	-27	1.48
Satin Bowerbird	0.0622	-6	14.8	-3	32	-6	2.95	4	2.11
Olive-backed Oriole	0.0606	-15	44.3	1	38	12	5.42	-14	1.12
Dollarbird	0.0546	-40	29.5	-33	25	14	3.48	-33	1.57
White-browed Scrubwren	0.0530	-12	18	-18	46	5	3.68	1	1.44
White-throated Treecreeper	0.0461	-26	9.8	-42	48	9	3.64	33	1.27
Scarlet Robin	0.0449	-36	27.9	-43	30	-3	2.79	-44	1.61
Crescent Honeyeater	0.0400	-54	8.2	-56	24	-23	2.51	-54	1.6
Southern Boobook	0.0396	4	34.4	19	38	6	3.52	-6	1.13
Grey Currawong	0.0380	-29	32.8	-23	35	-31	3.23	-29	1.18
Australian Wood Duck	0.0344	-19	14.8	-21	31	29	1.66	-1	2.07
Pallid Cuckoo	0.0291	54	32.8	49	19	6	2.71	46	1.07
Double-barred Finch	0.0263	-55	13.1	-3	20	-35	0.85	-47	3.1
Leaden Flycatcher	0.0255	-40	13.1	-45	19	-17	1.54	-45	1.66
White-browed Woodswallow	0.0234	NA	3.3	NA	3	NA	0.12	NA	19.33
Australian Hobby	0.023	-27	26.2	-43	24	-25	1.78	-31	1.3
Dusky Woodswallow	0.0226	-76	11.5	-32	10	-52	0.53	-49	4.31
Little Corella	0.0206	84	4.9	48	24	100	1.05	133	1.96
Yellow-tailed Black-Cockatoo	0.0202	861	4.9	45	4	100	0.16	100	12.5
Varied Sittella	0.0202	-80	9.8	-17	13	-61	0.57	-67	3.57
Australian Pelican	0.0186	2225	4.9	45	5	400	0.2	150	9.2
Rose Robin	0.0166	-3	21.3	26	21	5	1.54	4	1.08
Cattle Egret	0.0162	-39	3.3	95	4	-20	0.16	-24	10
White-throated Gerygone	0.0150	-6	16.4	-26	20	0	1.46	-1	1.03
Tawny Frogmouth	0.0137	-67	3.3	-35	13	-67	0.53	-72	2.62
Tree Martin	0.0133	-42	8.2	-3	9	-31	0.4	-39	3.3
White-faced Heron	0.0129	43	14.8	-3	15	7	1.17	36	1.1
Brown Goshawk	0.0121	128	24.6	81	20	122	1.21	128	1
Horsfield's Bronze-Cuckoo	0.0121	34	14.8	25	19	58	1.21	48	1
New Holland Honeyeater	0.0113	-63	6.6	-44	12	-48	0.69	-49	1.65
Sacred Kingfisher	0.0109	-28	24.6	4	19	-10	1.09	-24	1
Mistletoebird	0.0109	-55	8.2	-40	19	-21	1.01	-49	1.08
Fan-tailed Cuckoo	0.0101	-28	19.7	6	20	-5	1.01	-28	1
Rainbow Bee-eater	0.0101	-28	9.8	45	6	200	0.24	50	4.17
Rainbow Lorikeet	0.0093	-35	3.3	-51	11	-42	0.49	-48	1.92
Shining Bronze-Cuckoo	0.0089	68	11.5	36	19	111	0.89	82	1
Common Bronzewing	0.0085	130	9.8	189	13	44	0.69	86	1.24
Black-shouldered Kite	0.0077	-62	11.5	-38	15	-50	0.77	-58	1
Little Eagle	0.0077	57	14.8	9	15	36	0.69	41	1
White-winged Triller	0.0077	-14	13.1	286	7	-42	0.61	7	1.27
Pacific Black Duck	0.0069	109	3.3	-35	3	-25	0.12	-25	5.67
Nankeen Kestrel	0.0069	-30	11.5	-32	14	-22	0.57	-39	1.21
Collared Sparrowhawk	0.0065	-12	13.1	-30	13	0	0.61	-18	1.07
Yellow Thornbill	0.0061	-38	4.9	-59	8	-50	0.36	-37	1.67
Wedge-tailed Eagle	0.0049	20	9.8	16	9	50	0.36	9	1.33
Brown-headed Honeyeater	0.0049	-66	3.3	-35	4	-56	0.16	-61	3
Brown Falcon	0.0040	-39	8.2	-31	6	-54	0.36	-37	1.11

Table 1. (continued)

Flame Robin	0.0036	-76	4.9	-59	8	-50	0.32	-68	1.13
Great Cormorant	0.0032	-14	4.9	190	4	100	0.16	100	2
Peregrine Falcon	0.0028	-24	6.6	-44	7	-13	0.28	-15	1
Satin Flycatcher	0.0024	100	6.6	30	4	33	0.2	67	1.2
Rufous Fantail	0.0024	-27	8.2	-19	5	67	0.2	-31	1.2
Rufous Songlark	0.0024	NA	3.3	NA	4	NA	0.2	NA	1.2
Yellow-tufted Honeyeater	0.0020	NA	1.6	NA	5	NA	0.2	NA	1
Richard's Pipit	0.0020	67	3.3	-3	4	33	0.2	67	1
White-necked Heron	0.0016	NA	4.9	NA	4	NA	0.16	NA	1
Cockatiel	0.0016	NA	3.3	NA	4	NA	0.16	NA	1
Speckled Warbler	0.0016	-96	3.3	-3	4	-91	0.16	-91	1
Yellow-billed Spoonbill	0.0012	NA	1.6	NA	1	NA	0.04	NA	3
Restless Flycatcher	0.0012	-91	4.9	-74	3	-87	0.12	-89	1
Great Egret	0.0008	100	1.6	-5	1	0	0.04	0	2
Budgerigar	0.0008	-68	3.3	-61	2	-67	0.08	-68	1
Fischer's Lovebird	0.0008	NA	1.6	NA	1	NA	0.04	NA	2
Eastern Yellow Robin	0.0008	-85	1.6	-5	2	-85	0.08	-85	1
Grey Butcherbird	0.0008	0	3.3	-3	2	0	0.08	0	1
Darter	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Little Pied Cormorant	0.0004	NA	1.6	NA	1	NA	0.04	NA	
Whistling Kite	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Swamp Harrier	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Grey Goshawk	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Eurasian Coot	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Peachface Lovebird	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Brush Cuckoo	0.0004	-67	1.6	-69	1	-67	0.04	-67	1
Southern Whiteface	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Scarlet Honeyeater	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Black-faced Monarch	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Zebra Finch	0.0004	NA	1.6	NA	1	NA	0.04	NA	1
Clamorous Reed-Warbler	0.0004	NA	1.6	NA	1	NA	0.04	NA	1

### *b) Waterbird Survey*

Data on the number of waterbirds present were collected during monthly surveys of Lake Bathurst (including The Morass) and Lake George.

The bi-monthly surveys of Canberra's urban lakes have now ceased. Those at Lake Burley Griffin and Lake Ginninderra commenced in July 1979 and finished in June 1989. The survey at Lake Tuggeranong, including associated ponds and dams, commenced in July 1984 and finished in June 1991.

Details of water levels, together with the number of waterbird species and the number of individuals counted on Lake George and Lake Bathurst are shown in Table 2.



**Table 2.** Water levels, and number of waterbird species and individuals recorded at Lake Bathurst (including the Morass) and Lake George. In the tables of waterbird numbers, the figures which are underlined indicate that the lake was only partly surveyed.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<i>a) Water levels in metres:</i>												
LBth	2.78	3.16	3.20	3.15	3.05	2.87	2.83	2.79	2.79	2.77	2.74	2.71
Morass	3.02	3.50	3.44	3.42	3.29	3.16	3.13	3.05	3.06	3.06	2.99	2.97
LGeo	2.40	2.76	2.87	2.89	2.83	2.69	2.63	2.63	2.56	2.47	2.44	2.45
<i>b) Number of waterbird species:</i>												
LBth	<u>14</u>	<u>15</u>	<u>25</u>	39	<u>32</u>	33	<u>31</u>	28	35	31	27	24
LGeo	21	24	27	28	33	31	34	30	<u>22</u>	24	29	<u>16</u>
<i>c) Number of waterbird individuals:</i>												
LBth	<u>8339</u>	<u>1325</u>	<u>2831</u>	27240	<u>15746</u>	20255	<u>7031</u>	11968	14300	6672	14915	5922
LGeo	2980	3390	3159	3424	2775	4856	8328	6268	<u>2888</u>	9027	6444	<u>619</u>

#### *c) Miscellaneous Records*

This category of records includes all observations from the Canberra region that were not collected specifically for the Waterbird Survey or Garden Bird Survey. These form the bulk of the year's data and represent an important source for the information COG needs to pursue its objective of promoting the conservation of our native birds and their habitat. Effective conservation relies on accurate information regarding the numbers, breeding status, and habitat preferences of different species.

#### *d) Bird of the Year Project*

The Hooded Robin *Melanodryas cucullata* was selected for special study as Bird of the Year for 1991. The project was coordinated by Bill Graham and his final report was published in *Canberra Bird Notes* (Graham 1995).

Data collected during the project have been included with the Miscellaneous records.

### **Acknowledgements**

Contributors to the preparation of the Highlights and the Systematic List were Grahame Clark, Chris Davey, Bob Digan, Malcolm Fyfe, Bill Graham, Brendan Lepschi, Bruce Lindenmayer, Ian McMahon and David Purchase.

Michael Lenz reviewed the draft texts for the waterbird species. Paul Fennell, Philip Veerman and Chris Davey cheerfully completed the tedious task of loading Garden Bird Survey data from charts to disk. Andrew Newbery downloaded the data

required for the compilation of this report and was a constant source of strength as the link between the machine and mere mortals.

The map of the Canberra region (Appendix 3, Map 1) and the diagram of the grid system (Appendix 3, Map 2) were provided by Paul Sjoberg.

The table of water levels was produced from data supplied by the Australian Geological Survey Organisation, Canberra. Rainfall and temperature graphs were prepared from data supplied by the Canberra Meteorological Office.

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## APPENDIX 1. Explanatory Notes, Statistical Methods, Abbreviations, and Observer Codes

### *a) Explanatory Notes*

The names and sequence of birds in the Systematic List conform to the RAOU's Monograph 2, *The Taxonomy and Species of Birds of Australia and its Territories* (Christidis and Boles 1994).

The status shown for each species in this report takes account of results of the 1986-89 "Atlas" survey of the ACT and other data currently available. The status is given in an abbreviated form and consists of two elements, abundance and breeding/presence, the codes for each being separated by a period (e.g. C.BR). The meanings of the abbreviations are shown in section c) of this appendix.

As applicable, information relating to each species is in the sequence: Garden Bird Survey (GBS), Waterbird Survey (WBS) and miscellaneous records (Misc).

As a general rule records are set out in the following format: number of individuals/date, place, grid (observer). For example, "100/14 Jan Kelly's Swamp GrL14 (DoB)", indicates 100 birds on 14 January at Kelly's Swamp in grid cell L14 and the observer was Ben Doon. Breeding records are indicated by an "ne" (nest with eggs) or "dy" (dependent young), or other abbreviation as appropriate, which take the place of the number of individuals. For breeding records of cuckoos, the host species, if recorded, is shown in brackets immediately following the breeding indicator e.g. dy(Buff-rumped Thornbill)/12 Dec.

The words "record(s)" and "observation(s)" are not used to indicate the number of birds involved. Where available and appropriate the number of individuals has been included.

In cases where the observer has been unable to make an accurate count of the birds present the following abundance codes have been used to indicate estimated numbers — A=1 to 5 birds, B=6 to 20, C=21 to 50, D=51 to 100, E=100 plus or simply X=present.

Numbers and distribution of birds are sometimes compared with the previous year. Therefore, unless indicated otherwise, a statement in this report such as "overall numbers lower" should be taken to mean lower than in 1990-91.

Garden Bird Survey data are in the form "2wk May", "2wk" referring to the second week of the month. The dates of each week are shown at the top of the survey chart and also listed by Taylor (1987).

When sufficient data are available, breeding records giving the first and last nest and/or dependent young records have been included.

In the tables of waterbird numbers included in the Systematic List, numbers which are underlined indicate that the lake was only partly surveyed. Figures in **bold italics** indicate breeding (including non-flying young present but their numbers not included in totals).

*b) Garden Bird Survey Statistics*

The following variables are shown for those species recorded often enough to warrant their inclusion and are summarised for all species in Table 1:

- A A measure of abundance. This is the average number of individuals of a species recorded at a site for each week over the full year. It is obtained by adding all weekly observations of a species and dividing the sum by the total number of weeks during which observations were made (2474 this year). If  $A=5.1$  then on average, 5.1 individuals of that species were recorded each week, at each site, over the full year.
- F A measure of distribution. This the number of sites at which a species was recorded at least once expressed as a percentage of the total number of sites (61 sites this year). If  $F=26.2\%$  then a species has been recorded, at least once, at 16 sites (i.e. 26.2 per cent of the 61 sites).
- W The number of weeks in the year for which a species has been recorded at any site. A resident species such as the Magpie-lark is present throughout the year ( $W=52$  weeks); whereas a migrant such as the Olive-backed Oriole was only present for 38 weeks (i.e.  $W=38$ ).
- R A measure of the recording rate. This is the number of observer-weeks during which a species was recorded, expressed as a percentage of the total number of observer-weeks for the year (2474). For example, the Australian Magpie was recorded during 1979 of the weeks during which observations were made, thus  $R = 79.99\%$ .
- G The average number of individuals of a species recorded in each observation. For example, the calculated G value for the Silver Gull is 40.26 which indicates it is usually observed in sizeable flocks.

In Table 1 "N/A" in the columns listing percentage changes in the above values (e.g.  $dA\%$ ), indicates that there were no records for that species in the previous year (1990-91) for comparison.

*c) Abbreviations*

The following abbreviations include those used in previous editions of the Annual Bird Report. They have been added to and modified to facilitate their use both in this report and the COG database.

General

<b>ad</b>	adult	<b>LBth</b>	Lake Bathurst
<b>ANBG</b>	Australian National Botanic Gardens	<b>LGeo</b>	Lake George
<b>ANU</b>	Australian National University	<b>LGin</b>	Lake Ginninderra
<b>CBN</b>	Canberra Bird Notes	<b>LTug</b>	Lake Tuggeranong
<b>cf</b>	carrying food	<b>m</b>	male
<b>Ck</b>	creek	<b>max</b>	maximum
<b>co</b>	copulation	<b>Misc</b>	miscellaneous (records)
<b>CSIRO</b>	Commonwealth Scientific and Industrial Research Organisation. The abbreviation will be followed by the precise location, e.g. CSIRO Ginninderra	<b>Mt/Mtn</b>	Mount/Mountain
<b>di</b>	display	<b>N</b>	North
<b>dy</b>	dependent young	<b>n</b>	nest with eggs or young
<b>E</b>	East	<b>nb</b>	nest building
<b>f</b>	female	<b>ne</b>	nest with eggs
<b>GBS</b>	Garden Bird Survey	<b>NP</b>	National Park
<b>Gr</b>	COG grid cell (number)	<b>NR</b>	Nature Reserve
<b>Hs</b>	Homestead	<b>nr</b>	near
<b>ih</b>	inspecting hollow	<b>ny</b>	nest with young
<b>imm</b>	immature	<b>on</b>	bird on or seen leaving nest
<b>juv</b>	juvenile	<b>Pk</b>	Park
<b>km</b>	kilometre	<b>R</b>	River
<b>LBG</b>	Lake Burley Griffin	<b>Ra</b>	Range
		<b>Rd/rd</b>	Road
		<b>S</b>	South
		<b>SF</b>	State Forest
		<b>UNIC</b>	University of Canberra
		<b>unsp</b>	unspecified
		<b>W</b>	West
		<b>WBS</b>	Waterbird Survey
		<b>wk</b>	week

Status

*Abundance*

<b>C</b>	Common
<b>R</b>	Rare
<b>U</b>	Uncommon

*Breeding/Presence*

<b>B</b>	Breeding
<b>E</b>	Escapee
<b>M</b>	Migrant
<b>R</b>	Resident
<b>Va</b>	Vagrant
<b>Vi</b>	Visitor

*d) Observer Codes*

Observers are identified by codes which have been developed for use in both the Annual Bird Report and the database. These codes are made up of three letters from the names of the persons or organisations concerned, plus one number. The complete code will be used when entering data into the database. In this report the numeral will be dropped except in cases where two observers have the same alpha code.

<b>AIB</b>	Allan, Barbara	<b>HoJ</b>	Hone, Jim
<b>AJR</b>	Allen, Julia & Richard	<b>HoL</b>	Horsnell, Leon
<b>AnB</b>	Anderson, Bernice	<b>HoB</b>	Horrigan, Bill
<b>AnI</b>	Anderson, Ian	<b>HuG</b>	Hunter, Glen
<b>AnL</b>	Andrews, Leonie	<b>JoB</b>	Jones, Beth
<b>AsM</b>	Aston, Margaret	<b>JoD</b>	Johnson, Delia
<b>BaI</b>	Baird, Ian	<b>JoR</b>	Johnson, Rose-Marie
<b>BAG</b>	Brotherton, Avril & Geoff	<b>LaC</b>	Lane, Carolina
<b>BaJ</b>	Barr, Joe	<b>LaD</b>	Landon, David
<b>BBG</b>	Browning, Betty & Graham	<b>LaM</b>	Larkin, Matthew
<b>BiJ</b>	Bissett, John	<b>LeB</b>	Lepschi, Brendan
<b>BoP</b>	Bolger, Peter	<b>LeJ</b>	Lepschi, John
<b>BoJ</b>	Bounds, Jenny	<b>LeM</b>	Lenz, Michael
<b>BrM</b>	Brookfield, Muriel	<b>LiB</b>	Lindenmayer, Bruce
<b>BuM</b>	Butterfield, Martin	<b>LiM</b>	Lintermans, Mark
<b>CCR</b>	Cannon, C & R	<b>LuN</b>	Luff, Noel
<b>CaJ</b>	Carnahan, June	<b>MaB</b>	Martin, Bill
<b>CIG</b>	Clark, Grahame	<b>MaD</b>	Magrath, David
<b>CIM</b>	Clayton, Mark	<b>McA</b>	McKenzie, Ann
<b>CoD</b>	Cowley, Del	<b>McD</b>	McDonald, David
<b>CoG</b>	Cotsell, Guy	<b>McI</b>	McMahon, Ian
<b>CrI</b>	Crawford, Isobel	<b>MiP</b>	Milburn, Peter
<b>DaB</b>	Daly, Barbara	<b>MoM1</b>	Moncur, Mike
<b>DaC</b>	Davey, Chris	<b>MoM3</b>	Moffat, Martyn
<b>DCM</b>	Dow, Coral & Murray	<b>MoR</b>	Morphett, Rod
<b>DoC</b>	Dow, Coral	<b>MuS</b>	Mugford, Stephen
<b>DoM</b>	Doyle, Mike	<b>NiJ</b>	Nicholls, James
<b>EGR</b>	Elliott, Grahame & Robyn	<b>OgR</b>	Ogden, Robert
<b>EIG</b>	Elliott, Grahame	<b>PaR</b>	Parnell, Rob
<b>FeP</b>	Fennell, Paul	<b>PeJ</b>	Pennhallurick, John
<b>FyM</b>	Fyfe, Malcolm	<b>PuD</b>	Purchase, David
<b>GIJ</b>	Gleeson, John	<b>ReR</b>	Rehwinkel, Rainer
<b>GrB</b>	Graham, Bill	<b>ReD</b>	Rentz, Don
<b>HAJ</b>	Holland, Andrea & Jack	<b>RoC</b>	Rowell, Cecily
<b>HaK</b>	Hahne, Kay	<b>RoT</b>	Ross, Tony
<b>HaF</b>	Harper, Fran	<b>SMM</b>	Sexton, Mary & Maurice
<b>HoA</b>	Howarth, Ann	<b>StG</b>	Stephinson, Graham

**StH1**

Strong, Haydn

**StH2** Stephenson, Helen**TaM** Taylor, McComas**ThS** Thomas, Sarah**VeP** Veerman, Philip**WeS** Webb, Sue**WhB**

Whitworth, Benjamin

**WiP** Wicksteed, Pauline**WiS** Wilson, Steve**WiT** Willis, Tony**WrH** Wright, Hazel

## Appendix 2. Systematic List

### EMU

**Emu** *Dromaius novaehollandiae* U.BR  
**Misc:** 2 records — B/5 Apr and B/7 Apr Tidbinbilla NR GrG 17 (GIJ).

### QUAILS

**Stubble Quail** *Coturnix pectoralis* U.BR  
**WBS:** 1/22 Sep and 14/22 Dec LBth GrY8 (LeM), 2/31 Jan LGeo, N GrR6 (LeM).  
**Misc:** Recorded as present (X) at 9 sites — 9 Dec WNW of Gunning GrL1 (LeB), 16 Dec SE of junction of Hume & Barton Hwys GrH4 (LeB), 16 Dec WSW Gunning GrL2 (LeB), 29 Dec Bedduluck Rd GrK8 (LeB), 29 Dec Stock Reserve GrJ1 (LeB), 30 Dec "Patonga" W of Gunning GrM1 (LeB), 13 Jan nr Balcome Hill GrQ16 (JoR), 23 Jan WNW Gunning GrL1 (LeB), 15 Feb Gordon Dam GrJ18 (StH1).

**Brown Quail** *Coturnix ypsilophora* R.BVi  
**Misc:** 2/5 Oct LGin GrJ12 (EGR), 1/6-7 Nov Mt Arawang GrJ15 (BiJ), 1/30 Mar 9km SW Gunning GrM3 (LeB).

### GEESE

**Domestic Goose** *Anser anser*  
**Misc:** Three records from Jerrabomberra Wetlands GrL14 — 10/9 Sep (LiM), 10/31 Oct (LiB), 12/22 Jan (LiM).

### SWAN AND DUCKS

**Blue-billed Duck** *Oxyura australis* R.BVi  
**WBS:** Recorded only at LBth. Numbers markedly up on last year with peaks in Nov and Mar:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
LBth	0	0	3	6	24	72	21	14	14	60	28	31	35

**Misc:** Three records — 1/8 Dec Rose Lagoon GrU4 (LeB), 1/19 Jan Kelly's Swamp GrL14 (BuM), 1/1 Mar Fyshwick sewage ponds GrL14 (BiJ), 1/8 Mar Jerrabomberra Wetlands GrL14 (BiJ).



**Musk Duck *Biziura lobata*****U.BR****WBS:** LBth — numbers up again this year. Present all months. Max Oct-Nov:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	23	5	31	220	172	82	84	142	107	112	86	45
LGeo	0	0	0	0	0	1	1	0	0	0	0	3

**Misc:** 11 records — 1/28 Jul Uriarra Hs dam GrF13 (WrH), 4/3 Aug LBG, E basin GrL14 (WrH), 3/17 Sep Rose Lagoon GrU4 (FyM), A/17 Sep Wollogorang Lagoon GrU3 (FyM), 2/10 Nov Wet Lagoon NR GrS2 (LuN), 2/29 Dec Point Hut Dam GrJ18 (StH1), and 27 Apr, 13 May, 19 May and 4 Jun Dam at CSIRO Ginninderra GrJ 11 (GIJ).

**Freckled Duck *Stictonetta naevosa*****U.Vi****WBS:** LBth — present for an extended period (Oct to Jun). LGeo — present Nov to Jun with notable max in May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	58	6	49	26	18	10	5	10	2
LGeo	0	0	0	0	2	80	22	5	3	14	290	8

**Misc:** 11 records — 2/2 Jan Dam on Lake Rd GrR12 (ReR), 2/6 Jan Fyshwick sewage ponds GrL14 (NiJ), 12/19 Jan Kelly's Swamp GrL14 (HaF & BuM), 5/26 Jan Kelly's Swamp GrL14 (McI), 9/26 Jan Fyshwick sewage ponds (BoJ), 1/8 Mar Jerrabomberra Wetlands GrL14 (BiJ & McI) and 19/22 May, 75/8 Jun and 8/27 Jun LGeo, S GrR11 (ReR).

**Black Swan *Cygnus atratus*****C.BR****WBS:** Present at LBth and LGeo throughout the year. LBth — numbers built up through Spring to a max in Dec. 2 birds on the nest Jul. LGeo — numbers fairly consistent with last year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	227	210	566	2221	<u>1061</u>	2480	207	231	199	137	287	236
LGeo	599	599	963	622	359	416	580	968	510	1004	710	9

**Misc:** 43 records from Canberra and areas to the north. 9 reports of dependent young, Sep to Jan at Jerrabomberra Wetlands GrL14.

**Australian Shelduck *Tadorna tadornoides*****C.BR****WBS:** Present all months. Numbers peaked at LBth and LGeo in Jan:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	3	5	42	281	401	542	153	83	6	2	56
LGeo	22	10	16	59	187	283	1033	453	260	328	102	4

**Misc:** 19 records from LGeo (GrRll) and Jerrabomberra Wetlands (GrL14) and —  
2/29 Dec from Point Hut Dam GrJ17 (VeP).

**Australian Wood Duck** *Chenonetta jubata* C.BR

**GBS:** Observations reported from nine sites. Another decline this year in the measure of abundance (A) and of distribution (F). No records for May or Oct. A=0.0344, F=14.8%, W=31, R=1.66%, G=2.07. One breeding record — n/4wk Aug with five dy/3wk Sep Yarralumla GrK14 (CCR).

**WBS:** Presence not as consistent and overall numbers down, particularly at LBth:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	4	0	13	0	78	6	11	16	0	2	0
LGeo	6	2	0	0	2	163	172	28	32	249	0	30

**Misc:** 155 records from most parts of the region. 6 breeding records all of dy — 19 Oct O'Connor Ridge GrK13 (McI), 20 Oct Parlour Ck Gr W20 (FyM), 30 Oct SW of Sutton GrN11 (LeB), 9 Mar nr Glenloch GrJ13 (EGR), 3 Apr Fern Pk Estate GrK12 (PuD), 16 Apr S of Sutton GrOl 1 (LeB).

**Mallard** *Anas platyrhynchos*

**Misc:** 4 reports, all involving one bird, from Jerrabomberra Wetlands GrL14 and one report of two birds from LGIN GrJ12. All are considered to be escaped or released domestic ducks.

**Pacific Black Duck** *Anas superciliosa* C.BR

**GBS:** 3 records from 2 sites.

**WBS:** Regular at both LBth and LGeo although numbers down at both sites:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	7	0	39	181	148	46	90	75	48	13	48	10
LGeo	27	11	33	219	163	78	198	160	36	121	87	5

**Misc:** 148 records from many parts of the region. Six breeding records of dy — 2 Nov Jerrabomberra Wetlands GrL14 (LeB), 10 Nov Coppins Crossing GrI13 (OgR), 12 Nov farm dam GrQ11 (FyM), 17 Nov "Paringa" GrS24 (StG), 21 Dec Cotter Hut GrD22 (LiM), 18 Feb Jerrabomberra Wetlands GrL14 (LiM).

**Australasian Shoveler** *Anas rhynchos* C.BVi

**WBS:** LBth — present all months. Overall numbers more than double those of last year. Peaks Nov and Mar. LGeo — present all months except Jun. Max Dec:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	6	5	68	485	1470	554	43	885	1421	621	713	279
LGeo	6	98	61	55	54	506	190	435	360	325	29	0

**Misc:** 31 records Jul to May. Principally from Jerrabomberra Wetlands GrL14 and LGeo, S GrR11 and R12. Others — 7/4 Aug Braidwood/Captains Flat Rd GrY19 (LeB), C/4 Nov Wollogorang Lagoon GrU3 (FyM), 3/12 Nov Farm dam GrQ11 (FyM), 2/8 Mar Uriarra Hs dam GrF13 (BoJ).

**Grey Teal** *Anas gracilis*

C.BR

**WBS:** Present at LBth and LGeo throughout the year. LBth — build-up of numbers over summer not so apparent this year. Max Oct. LGeo — birds again stayed late with max Apr/May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	490	15	330	1890	<u>1071</u>	760	888	147	1328	369	771	86
LGeo	196	342	719	760	710	1705	2022	535	680	3748	3000	225

**Misc:** 61 records from many parts of the region.

**Chestnut Teal** *Anas castanea*

C.BR

**WBS:** On both lakes present all the year round with the max on both in Oct:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
LBth	36	2	92	635	321	156	173	137	115		77	36	69
LGeo	8	16	25	97	10	19	23	41	9	2	8	6	

**Misc:** Seven records only — 8/4 Aug, 5/27 Nov and 4/20 Apr Jerrabomberra Wetlands GrL14, 10/15 Sep LGeo, S GrR11, 12/15 Sep Dam on Lake Rd GrR12, 7/8 Oct and 2/12 Nov Farm dam GrQ11. Birds observed displaying 8 Oct at Farm dam GrQ11.

**Pink-eared Duck** *Malacorhynchus membranaceus*

C.Vi

**WBS:** LBth — present all months with peaks in Oct and Feb. LGeo — Present all months with sharp increase from Nov to max in Jan with further peak in May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
LBth	194	189	295	708	314	470		2	935	475	112	435	212
LGeo	27	125	6	37	265	648	987	219	25	319	823	180	

**Misc:** Fourteen records from Jerrabomberra Wetlands GrL14 including 43/22 May (BuM), four records from LGeo, S Gr RI 1 and 2/17 May Yellanglo GrL3 (LeB).

**Hardhead** *Aythya australis*

U.BVi

**WBS:** LBth — present all months and more abundant than previous years. Max Oct/Nov. LGeo — numbers down on previous years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	2	20	46	145	<u>150</u>	61	77	65	70	16	23	75
LGeo	0	0	3	1	0	0	0	0	0	0	85	0

**Misc:** 27 records covering all months, from Jerrabomberra Wetlands GrL14, Uriarra Hs dam GrF13, Farm dam GrQll, Wollogorang Lagoon GrU3, LGIN GrJ12, CSIRO Ginninderra GrJ11 and Gundaroo Rd GrM10.

## GREBES

**Australasian Grebe *Tachybaptus novaehollandiae*** C.BR

**WBS:** The decline in numbers reported last year has continued:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	2	0	0	4	0	5	1	0	0
LGeo	2	3	1	1	0	0	4	1	0	5	0	0

**Misc:** 62 records from 23 grid cells in all months; 6 were of 21 to 50 birds (C) from Jerrabomberra Wetlands and a dam at CSIRO Experimental Farm Ginninderra, remainder <21. 1 breeding record — nb/2 Nov Mulligan's Flat GrL11 (LiB).

**Hoary-headed Grebe *Poliiocephalus poliocephalus*** C.BR

**WBS:** Numbers reported from LBth in Oct, Feb and Mar are the highest since surveys began there in 1980 (the previous highest was 2913 in Jan 1991); it is also unusual for high numbers to be reported from LBth in spring; numbers reported from LGeo continue to decline:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth 174	93	225	3643	2153	1888	1244	3138	3418	1259	525	131	
LGeo	15	97	69	45	44	39	59	32	25	0	0	0

**Misc:** 38 records from 14 grid cells in all months except Dec; largest numbers 142/21 Sep LBth, E basin GrY8 (MiP), C/19 Jan (BuM), C/26 Jan (BoJ) both Jerrabomberra Wetlands GrL14; all others were <21 individuals

**Great Crested Grebe *Podiceps cristatus*** U.BR

**WBS:** The increase in numbers reported last year at LBth has continued, whereas there has been a decrease in the numbers reported from LGeo:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	4	22	52	33	41	42	54	13	5	4
LGeo	0	0	3	0	0	0	0	0	0	0	0	0

**Misc:** 1 record — 1/21 Sep LBth, E basin GrY8 (MiP).

## DARTER, CORMORANTS AND PELICAN

### Darter *Anhinga melanogaster*

U.BR

*Erratum:* The histogram included in the 1990-91 Report was compiled from data which did not relate to the Darter and should therefore be deleted.

**GBS:** 1 record — 1/1wk Dec Barton GrL14 (AJR).

**WBS:** Numbers from LGeo are the highest since surveys began there in 1980:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	1	3	0	1	1	0	0
LGeo	0	0	0	6	12	8	7	4	0	0	5	0

**Misc:** 22 records from 6 grid cells; 19 from LBG, Jerrabomberra Wetlands, and LGin all months except May and Jun; others were 1/9 Nov Lake Burrinjuck GrB5 (CIG), 2/12 Nov farm dam 2 km W LGeo GrQ11 (FyM), 1/20 Jun Mulwaree R 2 km S Goulburn GrY1 (FyM); largest 19/3 Aug Grevillea Pk area LBG GrL14 (WrH).

### Little Pied Cormorant *Phalacrocorax melanoleucos*

C.BR

**GBS:** 1 record — 1/1wk Aug Yarralumla GrK14 (CCR).

**WBS:** Numbers and seasonal distribution similar to the last two years except for lower numbers at LGeo in summer and a high number at LBth in Jan:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	9	13	18	103	45	51	11	20	4
LGeo	5	15	96	53	23	0	1	6	3	0	1	1

**Misc:** 81 records from 29 grid cells in all months; all <21 individuals.

### Pied Cormorant *Phalacrocorax varius*

R.Vi

**WBS:** First records since Aug 1988 — 1/29 Oct LGeo, S GrR11 (LeM), 1/1 Jun LGeo, N GrR6 (LeM).

### Little Black Cormorant *Phalacrocorax sulcirostris*

C.BR

**WBS:** Numbers similar to last year except for May. In May last year record numbers had been reported compared with none this year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	4	3	1	6	11	9	1	0	0
LGeo	0	8	6	28	5	2	25	13	0	2	0	0

**Misc:** 53 records from 16 grid cells in all months; largest number was C/3 Oct NE LGin GrJ12 (Gil) all others were <21 individuals.

**Great Cormorant *Phalacrocorax carbo*** C.BR

**GBS:** 4 records from three sites — 1/4wk Oct Fisher GrJ15 (BiJ), 1/2wk Nov Barton GrL14 (AJR), 5/4wk Jan Holt GrI12 (EGR), 1/4wk Apr Barton GrL14 (AJR).

**WBS:** Although numbers slightly lower, seasonal distribution is similar to last year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	7	3	2	0	7	0	0	1	0	0
LGeo	3	17	26	12	6	4	17	10	2	0	6	2

**Misc:** 51 records from 24 grid cells; no records in Jun, Jul, Aug; largest numbers 13/25 Oct NE LGIN GrJ12 (PuD), 15/9 Nov Lake Burrinjuck GrA6 (C1G), 12/22 Jan Jerrabomberra Wetlands GrL14 (LiM).

**Australian Pelican *Pelecanus conspicillatus*** C.Vi

**GBS:** 5 records from three sites — 31/2wk Nov Barton GrL14 (AJR), 5/3wk Mar Barton GrL 14 (AJR), 2/1wk Apr Barton GrL 14 (AJR), 7/3wk Apr Melba GrJ 12 (MoMl), 1/2wk Jun Kambah GrJ16 (VeP).

**WBS:** Numbers are the highest since 1985-86 at LBth and since 1980-81 at LGeo:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	2	34	0	26	1	17	0	0	0
LGeo	24	0	126	153	136	126	158	121	25	103	69	0

**Misc:** 31 records from 11 grid cells in all months except Aug and Oct; 24 came from urban lakes and their environs in Canberra; largest number 17/20 Apr Jerrabomberra Wetlands GrL14 (WrH).

## HERONS, EGRETS AND BITTERNs

**White-faced Heron *Egretta novaehollandiae*** C.BR

**GBS:** 29 records, each of 1 or 2 birds (26 and 3 records respectively) from nine sites; most were recorded in autumn (7) and winter (19).

**WBS:** Numbers at LBth are slightly higher than previous year and at LGeo are lower than previous three years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	10	10	6	12	41	30	9	7	0
LGeo	5	24	21	35	56	18	66	35	11	6	2	1

**Misc:** 98 records from 50 grid cells in all months with most during spring (40) and autumn (28); 73 records were of 1 or 2 birds; the largest numbers 12/22 Jan (LiM), 20/18 Feb (LiM), 10/22 May (BuM) were from Jerrabomberra Wetlands GrL14.

**Little Egret *Egretta garzetta*** R.Vi

First record since Jan 1990.

**Misc:** 1/7 Jul Fyshwick sewage ponds GrL14 (OgR).

**White-necked Heron** *Ardea pacifica*

U.Vi

**WBS:** 4 records — 6/25 Sep LGeo, N GrR6, 1/31 Jan LGeo, S GrR11, 1/31 Jan LGeo, N GrR6 (all LeM), 1/25 Apr LBth, W basin GrY8 (CrI).

**Misc:** 16 records from 15 grid cells; no records in Jul, Aug, Feb, Jun; all records were of 1 or 2 birds.

**Great Egret** *Ardea alba*

U.Vi

**GBS:** 1 record — 2/4wk Oct Kambah GrJ16 (VeP).

**WBS:** Numbers continue to be larger than usual and 22 (LGeo in Nov) is largest since the WBS began:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	1	0	0	1	0
LGeo	2	4	3	9	22	8	4	2	0	1	1	0

**Misc:** 16 records from 4 grid cells; 12 of the records were of 1 or 2 birds from Jerrabomberra Wetlands GrL14 in all months Oct to Apr; the others were 1/25 Aug nr junction Sutton Rd/Pialligo Ave GrN15 (TaM), 8/17 Sep Wollogorang Lagoon GrU3 (FyM), 1/21 Sep LBth, E basin GrY8 (MiP) and 25/4 Nov Wollogorang Lagoon GrU3 (FyM).

**Intermediate Egret** *Ardea intermedia*

R.Vi

Only two records after last year's large numbers

**WBS:** 1/19 Nov LGeo, N GrR6 (LeM).

**Misc:** 1/24 Nov Kelly's Swamp GrL14 (BiJ).

**Cattle Egret** *Ardea ibis*

U.Vi

**GBS:** 15/3wk Jul Holt GrI12 (EGR), 12/4wk Jul, 12/4wk Sep, 1/1wk Jun, all Evatt GrJ12 (LaM).

**WBS:** Numbers remain similar to last year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	0	0	4	1	0
LGeo	2	3	1	0	1	13	1	0	0	0	0	0

**Misc:** 46 records from grid cells J12, L14, R12, X7, Z15; no records Jan to Apr; 32 records from Melba District Playing Fields (GrJ12) of up to 15 egrets feeding during the winters of 1991 (last seen 18 Oct) and 1992 (first seen 11 Jun) (see also COG 1993) (PuD); largest number 17/23 Jul Kelly's Swamp area GrL14 (LuN).

**Nankeen Night Heron** *Nycticorax caledonicus*

U.Vi

**Misc:** 7 records from grid cells D21, D22, J16, K13, L14, U3; recorded Sep to Jan; all single birds with the exception of 4/2 Oct junction Tuggeranong Ck and Murrumbidgee R Gr J16 (LaM), 8/4 Nov Wollogorang Lagoon GrU3 (FyM) and 8/19 Jan Fyshwick sewage ponds GrL14 (BuM).

**Australasian Bittern** *Botaurus poiciloptilus*

R.Vi

WBS: First records since 1989-90 of this species — 4/29 Oct, 2/19 Nov, 2/31 Jan, all LGeo, N GrR6 (LeM).

**IBISES AND SPOONBILLS**

**Glossy Ibis** *Plegadis falcinellus*

R.Vi

WBS: Small numbers reported from LGeo as in previous two years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LGeo	0	0	0	1	4	3	0	0	0	0	0	0

Misc: 3 records — 8/4 Nov Wollogorang Lagoon GrU3 (FyM), 1/19 Nov LGeo, S GrR11 (FyM), 1/8 Dec Kelly's Swamp GrL14 (McI).

**Australian White Ibis** *Threskiornis molucca*

C.BR

GBS: 8 records from four sites in Holt, Melba and Barton in Sep, Nov, Dec, Jan and May; largest 128/4wk Dec and 100/4wk Jan both Holt GrI12 (DaC).

WBS: Numbers down on previous two years, particularly at LGeo:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	3	0	0	10	2	0	1	0	20	5	0	2
LGeo	0	0	1	1	0	0	26	1	1	1	1	0

Misc: 39 records from 13 grid cells in all months except Jun; largest 42/22 May Jerrabomberra Wetlands GrL14 (BuM). First breeding records for this species — on/8 Oct, ny/12 Nov Farm dam 2 km W LGeo GrQ11 (FyM).

**Straw-necked Ibis** *Threskiornis spinicollis*

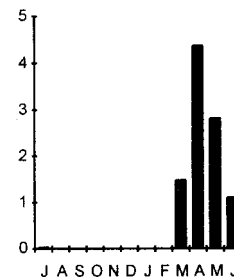
C.Vi

GBS: 42 records from ten sites recorded Mar through to Jul; as was the case last year the majority were from Weston Creek (33 from six sites); largest numbers 150/lwk Apr (through to lwk May) Duffy GrI15 (SMM), 120/4wk May Chapman GrI1 5 (HAJ).

WBS: Numbers down on previous two years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	0	0	25	0	0
LGeo	0	0	0	1	3	0	85	0	0	0	0	7

Misc: 18 records from 9 grid cells in all months except Apr, Jun, Aug and Dec; 9 of the records were from Jerrabomberra Wetlands GrL14; largest number E/6 Jan Captains Flat Rd c 12 k E Queanbeyan GrQ16 (JoR).





**Royal Spoonbill *Platalea regia***

U.Vi

**WBS:** Numbers remain high following the increase in 1989-90:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	1	11	0	0	0		1	0	0
LGeo	1	0	0		17	27	25	40	29	0	15	2

**Misc:** 16 records from Jerrabomberra Wetlands GrL14 (13 records), Lake Rd GrR11 (2 records), Wollogorang Lagoon GrU3 (1 record); recorded Sep to Apr; numbers varied from 1 to 4.**Yellow-billed Spoonbill *Platalea flavipes***

U.Vi

**GBS:** 1 record — 3/2wk Nov Barton GrL14 (AJR).**WBS:** As in the past two years numbers remain high:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	3	1		8	5	3
LGeo	11	11	26	13	16	18	33	25		7	9	17

**Misc:** 24 records (compared with 4 last year) from 15 grid cells in all months except Aug and Feb; numbers varied from 1 to 4 except for 8/15 Sep LGeo, S GrR11 (WrH).**KITES, HARRIERS, GOSHAWKS, EAGLES AND FALCONS****Black-shouldered Kite *Elanus axillaris***

U.BR

**GBS:** The variable indicators show the previously recorded modest increase has lapsed. A=0.0077, F=11.5%, W=15, R=0.77%, G=1.00.**WBS:** Two records — 1/25 Apr LBth, E basin GrY8 (MiP), 1/6 Jun LGeo, S GrR11 (LeM).**Misc:** 22 records. All months except Dec. No breeding records.**Black Kite *Milvus migrans***

R.Va

**Misc:** 1/8 Feb Belconnen tip GrH12 (DaC).**Whistling Kite *Haliastur sphenurus***

U.BR

**GBS:** 1 record of a single bird over Page GrJ12 (AlB).**WBS:** 7 records at LBth and 16 at LGeo, totalling 40 birds. This is a significant increase on last years sightings.**Misc:** 12 records of 14 birds. Scattered in locations close to water; Murrumbidgee R GrE7, Lake Burrinjuck GrD7, Wollogorang GrU3, Uriarra Crossing GrG13, LGeo, S GrR11 and Jerrabomberra Wetlands GrL14.

- White-bellied Sea-Eagle** *Haliaeetus leucogaster* U.BVi  
**WBS:** 12 records — 7 at LBth, 5 at LGeo.  
**Misc:** 6 records, a marked decline from last year. 1/14 Sep Googong Dam GrO17 (LaC), 1/15 Sep Lake Rd GrR11 (WrH), 1/30 Oct Kelly's Swamp GrL14 (LiM), 1/19 May LBG GrK13 (LeB), 1/20 May LBG at King's Ave GrK14 (EIG). No breeding records.
- Spotted Harrier** *Circus assimilis* R.Vi  
**WBS:** 1/23 Feb LBth, E basin GrY8 (LeM).
- Swamp Harrier** *Circus approximans* U.BR  
**GBS:** 1 record of a single bird from Ainslie GrL13. Unusual sighting.  
**WBS:** 11 records from LBth. 8 from LGeo including — 5/31 Jan LGeo, N GrR6 (LeM).  
**Misc:** 10 records of 11 birds, scattered locations including — Jerrabomberra Wetlands GrL14, Wollongorang GrU3, Wet Lagoon NR GrS2, Lake Rd GrR11, Rose Lagoon GrU4 and Cotter Flats GrD22.
- Brown Goshawk** *Accipiter fasciatus* U.BM  
**GBS:** The decline noted since 1987-88 in urban ACT has halted All measurements now show an increase. A=0.0121, F=24.6%, W=20, R=1.21%, G=1.00.  
**WBS:** 5 records, all at LGeo.  
**Misc:** 31 records of 1 or 2 birds, from 24 grid cells widely dispersed around the region. No breeding records.
- Grey Goshawk** *Accipiter novaehollandiae* R.Vi  
**GBS:** 1 record. Interestingly an urban sighting — 1/2 Mar Weetangera GrJ13 (FyM).
- Collared Sparrowhawk** *Accipiter cirrhocephalus* U.BM  
**GBS:** 16 records from 8 sites. A=0.0065, F=13.1%, W=13, R=0.61%, G=1.07  
**WBS:** 2 records: 1/22 Sep LBth GrY8 (LeM), 1/6 Mar LGeo GrR6 (LeM). **Misc:** 2 records: 1/15 Sep Jerrabomberra Wetlands GrL14 (McI), 1/11 Apr Big Hole area GrX24 (LuN).
- Wedge-tailed Eagle** *Aquila audax* C.BR  
**GBS:** From 6 sites records of 12 birds. A=0.0049, F=9.8%, W=9, R=0.36%, G=1.33.  
**WBS:** 5 records from LBth, 4 from LGeo.  
**Misc:** 48 records, all months except May, widely distributed and including — di/29 Dec Castle Hill GrI18 (VeP).
- Little Eagle** *Hieraaetus morphnoides* U.BR

**Brown Falcon** *Falco berigora* U.BR

**GBS:** Records from 5 sites (total 10 birds). A=0.0040, F=8.2%, W=6, R=0.36%, G=1.11.

**WBS:** 6 records from LGeo. 12 records from LBth including — 7/2 Feb E basin GrY8 (MiP) and 8/23 Feb E basin GrY8 (LeM).

**Misc:** 57 records from all months. Total of 75 birds. This is a significant increase in the number of records and birds. 2 breeding records — on/8 Sep Gigerline GrKI9 (GrB), on/12 Oct and 3 Nov E of Chisholm (same nest) GrL17 (FyM).

**Australian Hobby** *Falco longipennis* U.BM

**GBS:** Seasonal pattern consistent with sightings increasing between Dec and Mar.

A=0.0230, F=26.2%, W=24, R=1.78%, G=1.30.

**Misc:** 14 records. 1 breeding record — ny/15 Dec Nursery Swamp GrH23 (PaR).

**Black Falcon** *Falco subniger* R.Va

**Misc:** 2 records during Jan — 1/nr Tidbinbilla Tracking Station GrG16 (RoT) and 1/N of Hall Gr J10 (RoT).

**Peregrine Falcon** *Falco peregrinus* U.BR

**GBS:** 7 sightings from 4 sites in Holt, Weetangera, Kambah and Chapman.

A=0.0028, F=6.6%, W=7, R=0.28%, G=1.00.

**WBS:** 13 records, 7 at LGeo and 6 at LBth.

**Misc:** 7 records of 9 birds.

**Nankeen Kestrel** *Falco cenchroides* C.BR

**GBS:** 17 birds recorded at 7 sites. A=0.0069, F=11.5%, W=14, R=0.57%, G=1.21.

**WBS:** 16 records of 31 birds. Largest number 8/2 Feb LBth, E basin GrY8 (MiP).

**Misc:** 47 records of 1 or 2 birds (total 51). All months except Aug. No breeding records.

## RAILS AND WATERHENS

**Buff-banded Rail** *Gallirallus philippensis* R.BM

**Misc:** 1/6 Sep Commonwealth Pk GrL13 (HoB).

**Australian Spotted Crake** *Porzana fluminea* R.BR

**Misc:** 1/27 Nov Jerrabomberra Wetlands GrL14 (LiM).

**Purple Swamphen** *Porphyrio porphyrio* C.BR

**WBS:** Six records from LGeo, N GrR6 — 2/25 Sep, 14/29 Oct, 15/19 Nov, 32/30 Dec, 20/31 Jan, 8/1 Jun (LeM).

**Misc:** 73 records principally from Jerrabomberra Wetlands GrL14 and around urban lakes. Other records from dam at Uriarra Hs GrF13, Rose Lagoon GrU4, Wollogorang Lagoon GrU3, Lake Bathurst village GrX7, Bungendore sewage ponds GrS13. Three breeding records — dy/27 Nov Jerrabomberra Wetlands GrL14, dy/5 Dec ANU campus GrK13 (JoD), dy/22 Jan Jerrabomberra Wetlands GrL14 (LiM).

**Dusky Moorhen** *Gallinula tenebrosa* C.BR

**Misc:** 73 records most from Jerrabomberra Wetlands GrL14 and the urban lakes. Others from dam at Uriarra Hs GrF13, Farm dam GrQ11, The Mullion GrE10, Ginninderra Ck, Macgregor GrJ11 and Mulwaree R GrY1. Two breeding records — dy/27Nov Jerrabomberra Wetlands GrL14 (LiM), dy/5 Dec ANU campus GrK13 (JoD).

**Eurasian Coot** *Fulica atra* C.BR

**GBS:** One record of a bird flying over a site at Barton 4wk Nov (AJR).

**WBS:** LBth — present all months. Numbers again up with notable peaks of abundance in Oct, Dec and May. LGeo — Present all months except Jun. Numbers otherwise generally higher with max Jan/Feb:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	4604	740	7000	13162	6842	11726	2542	5250	5512	3329	10440	491
LGeo	1870	1750	844	1080	525	283	2200	2565	760	1911	705	0

**Misc:** Ninety records covering all months and from across the region. Most from Jerrabomberra Wetlands, urban lakes and LGeo, S. Others from Uriarra Hs dam GrF13, Farm dam GrQ11, CSIRO dam Ginninderra GrJ11. Yellanglo Hs GrL3, Gundaroo Rd Gr M10, Mulwaree R GrY1, Mulligan's Flat GrL11, Wollogorang Lagoon GrU3, Burrinjuck backwater GrE7. One breeding record — dy/9 Apr LGIN peninsula GrJ12 (PuD).

## SANDPIPERS AND ALLIES

**Latham's Snipe** *Gallinago hardwickii* U.M

**Misc:** Ten records from Jerrabomberra Wetlands GrL14 — 23/9 Sep (LiM), 6/27 Nov (LiM), B/19 Jan (HaF), 7/22 Jan (LiM), 5/26 Jan (McI), B/26 Jan (BoJ), B/31 Jan (LiB), 1/18 Feb (LiM), 5/8 Mar (McI), 1/5 Apr (McI). Other records — 1/7 Oct Paddy's R GrH16 (LaD), 1/8 Dec Rose Lagoon GrU4 (LeB), A/15 Feb Gordon dam GrJ18 (StH1).

**Bar-tailed Godwit** *Limosa lapponica* R.Va

**WBS:** One record — 2/19 Oct LBth, E basin GrY8 (MiP).

**Marsh Sandpiper** *Tringa stagnatilis* R.Va

**WBS:** Four records at LBth GrY8 — 3/19 Oct (MiP), 1/23 Nov (MiP), 3/22 Dec (CrI), and 3/6 Mar LGeo, S GrR11 (LeM).

**Misc:** 1/21 Sep LBth, E basin GrY8 (MiP).

**Common Greenshank** *Tringa nebularia* R.Vi

**WBS:** Six records — 1/22 Sep LBth GrY8 (LeM), 1/19 Nov LGeo, S GrR11 (LeM), 2/23 Nov LBth, E basin GrY8 (MiP), 1/22 Dec LBth, E basin GrY8 (LeM), 1/30 Dec LGeo, N GrR6 (LeM), 3/30 Dec LGeo, S GrR11 (LeM).

**Misc:** 1/19 Nov Dam on Lake Rd GrR12 (FyM).

**Ruddy Turnstone** *Arenaria interpres* R.Vi  
 WBS: Two records at LBth, E basin GrY8 — 2/22 Sep (LeM), 1/19 Oct (MiP).  
 Misc: Two records — 2/21 Sep LBth, E basin GrY8 (MiP), 1/25 Sep Yarralumla Bay LBG GrJ14 (BoP).

**Great Knot** *Calidris tenuirostris* R.Vi  
 WBS: First record for the Canberra region — 1/22 Sep LBth, E basin GrY8 (LeM).

**Red-necked Stint** *Calidris ruficollis* U.Vi  
 WBS: Present at LBth all months except Jul, Feb and Apr. Numbers increased through spring to max in Jan. LGeo — present only Feb:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	2	8	61	29	62	206	0	85	0	10	2
LGeo	0	0	0	0	0	0	0	21	0	0	0	0

**Pectoral Sandpiper** *Calidris melanotos* R.Vi  
 WBS: Three records from LBth, E basin GrY8 — 2/19 Oct (MiP), 1/22 Dec (LeM), 1/23 Feb (LeM).

**Sharp-tailed Sandpiper** *Calidris acuminata* C.M  
 WBS: LBth — birds first recorded in Sep with max following in Oct. No winter records. LGeo — present only Nov, Dec and, in notable numbers, Apr:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	173	697	269	103	367	39	34	18	0	0
LGeo	0	0	0	0	21	16	0	0	0	250	0	0

Misc: Two records from Jerrabomberra Wetlands GrL14 — B/19 Jan (HaF), 6/26 Jan (McI).

**Curlew Sandpiper** *Calidris ferruginea* U.Vi  
 WBS: All records from LBth, E basin GrY8. Max Sep. No winter records:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	21	3	2	2	7	0	3	0	1	0

## STILT AND AVOCET

**Black-winged Stilt** *Himantopus himantopus* U.BVi  
 WBS: Numbers up again. LBth max Feb. LGeo — max again in Apr:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	16	51	12	44	10	71	4	4	7	9
LGeo	60	60	7	0	4	47	64	90	14	218	57	5

Misc: One record — 3/20 Jun "Wandara", Hume Hwy GrU2 (FyM).

**Red-necked Avocet** *Recurvirostra novaehollandiae* U.Vi  
**WBS:** 2/6 Jul LGeo, N GrR6 (LeM), 1/22 Sep LBth GrY8 (LeM), 3/25 Sep LGeo, N GrR6 (LeM).

**PLOVERS, DOTTERELS AND LAPWINGS**

**Pacific Golden Plover** *Pluvialis fulva* R.Vi  
**WBS:** LBth — Present in small numbers Sep to Jan and Mar. LGeo — late record and first for this site — 1/26 Apr LGeo, N GrR6 (CIM):

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	6	12	17		18	22	0	18	0	0
LGeo	0	0	0	0	0	0	0	0	0	0	1	0

**Grey Plover** *Pluvialis squatarola* R.Vi  
**WBS:** Two records from LBth, E basin GrY8 — 1/22 Sep (LeM), 1/19 Oct LBth (MiP).  
**Misc:** One record — 2/21 Sep LBth, E basin GrY8 (MiP).

**Red-capped Plover** *Charadrius ruficapillus* C.BR  
**WBS:** LBth — present all months. Numbers similar to last year — max Mar. LGeo — numbers similar to last year during summer but considerably down in Apr/May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	23	11	221	240	100		84	285	41	320	151	125
LGeo	0	3	0	0		18	20	77	150	1	50	140

**Double-banded Plover** *Charadrius bicinctus* U.Vi  
**WBS:** LBth — Mar to Jun. LGeo — only in May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	0	0	34	96	137
LGeo	0	0	0	0	0	0	0	0	0	0	0	18

**Black-fronted Dotterel** *Euseyornis melanops* U.BR  
**WBS:** LBth — irregular presence in small numbers, mainly autumn/early winter. LGeo — reappeared this year; pattern irregular and mainly summer months:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	1	0	0	0	0	0	0	3	8	15
LGeo	0	3	0	0	0	8	3		8	22	0	2

**Misc:** Nineteen records from Jerrabomberra Wetlands GrL14. Also 2/15 Sep Bungendore sewage ponds GrS13 (WrH), A/27 Oct Uriarra Hs dam GrF13 (LiB), 2/29 Dec Point Hut dam GrJ17 (VeP), 20/12 Apr Dam on Lake Rd GrR12 (FeP), A/17 May Yellanglo GrL3 (LeB). One breeding record — ne/27 Feb W of Taemas bridge GrE7 (LeB).

**Red-kneed Dotterel** *Erythronys cinctus* U.Vi

**WBS:** LBth — only two records again this year — 2/24 May W basin GrY8 (CrI),  
2/28 Jun W basin GrY8 (CrI). LGeo — eight records with max in May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	0	0	0	2	2
LGeo	0	0	0	0	0	5	5	1	14		0 62	6

**Misc:** Nine records from Jerrabomberra Wetlands GrL14, Nov to Apr. Also 3/29  
Dec Point Hut dam GrJ17 (VeP), A/15 Feb and A/1 Mar Gordon dam GrJ18  
(StHl).

**Banded Lapwing** *Vanellus tricolor* R.BVi

**WBS:** One record only — 9/19 Oct LBth, E basin GrY8 (MiP).

**Masked Lapwing** *Vanellus miles* C.BR

**GBS:** Records from 20 sites. All values down on last year, A=0.0683, F=32.8%,  
W=48, R=4.61%, G=1.48.

**WBS:** LBth — numbers again up from previous year and max again in Feb. Present  
all months. LGeo — numbers lower than previous year — max Dec:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
LBth	12	8	31	95	89	216		62	214	207	84	121	53
LGeo	58	71		22	46	71	157	81	147	29	90	49	12

**Misc:** 102 records widely distributed across the region. Two breeding records —  
on/28 Jul Vimy Ridge Rd GrF9 (WrH), dy/28 Sep Jerrabomberra Wetlands GrL14  
(McI).

## PRATINCOLE

**Australian Pratincole** *Stiltia isabella* R.Va

**WBS:** First record for the Canberra region — 17/19 Oct LBth, E basin GrY8 (MiP).

## GULLS AND TERNS

**Silver Gull** *Larus novaehollandiae* C.BR

**GBS:** Recorded at four sites. All values well down on last year. A=0.4394,  
F=6.6%, W=20, R=1.09%, G=40.26.

**WBS:** LBth — present all months. Numbers up on last year with max Jul. LGeo —  
present all months but numbers down at this site — max Apr:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	<u>2552</u>	18	<u>2000</u>	1539	995	254	138	263	523	186	1052	570
LGeo	31	80	81	30	7	140	110	160	60	255		80 210

**Misc:** Fifty records from ten sites covering all months of the year.

**Gull-billed Tern** *Sterna nilotica* R.Va  
**WBS:** One record — 3/19 Oct LBth, E basin GrY8 (MiP).

**Whiskered Tern** *Chlidonias hybridus* R.Vi  
**WBS:** Four records — 8/19 Oct LBth, E basin GrY8 (MiP), 8/23 Nov LBth, E basin GrY8 (MiP), 1/22 Dec LBth, E basin GrY8 (LeM), 1/23 Feb LBth, Morass GrZ7 (DoM).  
**Misc:** One record — 1/10 Nov Wet Lagoon NR GrS2 (LuN).

## PIGEONS AND DOVES

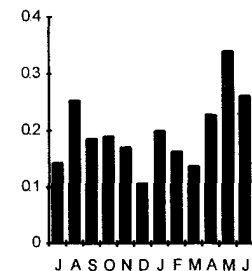
**Rock Dove** *Columba livia* C.BR  
**GBS:** Records from 27 sites with observations covering all months. Following the 42% rise in the measure of abundance in 1990-91, a further increase of 52% takes the A value back up to the level of 1984-85. A=1.2583, F=42.6%, W=52, R=15.84%, G=7.94.  
**Misc:** The number and location of observations remained consistent with previous years. All but one record, B/28 Oct Balcombe Hill GrQ16 (JoR), were from the urban areas of Canberra and Goulburn. One record of breeding — nb/13 Jun London Cct, City GrL13 (TaM).

**Common Bronzewing** *Phaps chalcoptera* U.BR  
**GBS:** Reports from 6 sites most observations being from Dec to Feb, and involving 1 or 2 birds. A=0.0085, F=9.8%, W=13, R=0.69%, G=1.24.  
**Misc:** Thirty-one records from twenty sites across the region. All months except Jun. One breeding record — on/17 Dec ANBG GrK13 (TaM).

**Crested Pigeon** *Ocyphaps lophotes* U.BR  
**GBS:** Recorded at 15 sites. Most regular and highest numbers at Holt (up to 5 birds), Chapman (7), Evatt (8) and Calwell (16). A marked increase in all values over previous years and, for the first time, recorded in all weeks of the year. A=0.1977, F=24.6%, W=52, R=9.05%, G=2.18.

**WBS:** One record — 1/6 Mar Lake Rd GrR12 (LeM). **Misc:** 64 records. 49 were from the Canberra suburban

area, with 9 birds being the largest group reported — 8 Jun Lyneham GrL12 (BuM) and 11 Jun Melba GrJ12 (PuD). Other records came from grids widespread across the region from Bowning, Gunning and Yass in the north, Murrumbateman, LGeo GrR8, Taemas Bridge GrE7, Uriarra Hs GrF13, Camp Cottermouth GrG14 and Tuggeranong Hill GrK18. Two breeding records — di/10 Nov Road between Breadalbane and Collector GrS3 (LuN), nb/1 Dec Kambah GrJ16 (McD).



**Peaceful Dove** *Geopelia striata* R.BR  
**Misc:** One record (escapee) — 1/31 Jan Jerrabomberra Wetlands GrL14 (LiB).



**Bar-shouldered Dove** *Geopelia humeralis* R.Va  
**Misc:** A first record for the region — 1/29 Jun 4km N of Mt Clear GrJ27 (MaB).

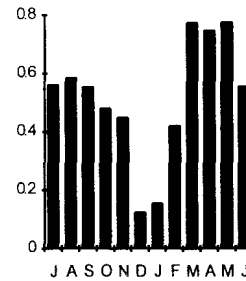
**Wonga Pigeon** *Leucosarcia melanoleuca* C.BR  
**Misc:** Five records from the ranges west of Canberra — 2/27 Oct Blundells Ck area GrD15 (LiB), 1/14 Jan Honeysuckle Ck GrH21 (HoJ), 1/14 Jan Nursery Swamp GrH23 (HoJ), 1/1 Mar Stockyard Spur GrD19 (LeB), 1/24 Mar Tidbinbilla NR GrF17 (GIJ).

## COCKATOOS, LORIKEETS AND PARROTS

**Glossy Black-Cockatoo** *Calyptorhynchus lathami* R.Vi  
**Misc:** Three records — 2/23 May Mt Majura GrM12 (HoB), 6/18 Jun Mt Ainslie GrM13 (LuN), 5/20 Jun Mt Majura GrM12 (HoB).

**Yellow-tailed Black-Cockatoo** *Calyptorhynchus funereus* C.BR  
**GBS:** Three records only — 31/2wk Jul Chapman GrI15 (McA), 10/1wk Sep Chapman GrI15 (HAJ), 7/4wk Sep Chapman GrI15 (McA).  
**Misc:** 22 records mostly outside the urban area. Largest flock 19/7 Jul Coolamine GrA21 (LuN). One record in suburban area: 1/14 Jul Duffy GrI15 (LeJ).

**Gang-gang Cockatoo** *Callocephalon fimbriatum* C.BR  
**GBS:** Abundance similar to 1990-91 ( $A=0.516$ ). Seen in 63.9% of sites. Breeding records — dy/1wk Mar Aranda GrJ13 (HaK), dy/1wk Apr Macquarie GrJ13 (CoD), dy/1wk Apr Holder GrJ15 (AsM).  $A=0.5109$ ,  $F=63.9\%$ ,  $W=52$ ,  $R=17.26\%$ ,  $G=2.96$ .  
**Misc:** 40 records. One breeding record — ih/28 Sep Big Hole GrX24 (LuN).



**Galah** *Cacatua roseicapilla* C.BR  
**GBS:** Abundance up from 1990-91 ( $A=5.712$ ). Recorded from all sites. Breeding records from 9 sites.  $A=6.1483$ ,  $F=100\%$ ,  $W=52$ ,  $R=76.88\%$ ,  $G=8$ .  
**WBS:** Regularly sighted around LBth with largest flock of 42/19 Oct LBth GrY8 (MiP).  
**Misc:** 190 records. Breeding records — ih/8 Sep Campbell Pk GrM13 (McI), ih/22 Sep Black Mtn GrK13 (McI), dy/29 Dec Castle Hill GrI18 (VeP), dy/29 Dec Bedulluck Rd GrK8 (LeB).

**Long-billed Corella** *Cacatua tenuirostris* R.Va  
**GBS:** 13/1wk Dec Holt GrI12 (EGR).  
**Misc:** 1/5 Jan Gundaroo Rd GrQ11 (ReR), 1/6 Jan to 22 Feb Bungendore GrS13 (ReR).

- Little Corella** *Cacatua sanguinea* R.Va  
**GBS:** Records from three sites in Holt (GrI12) and Weetangera (GrJ13), largest number 6/3wk Apr Holt (ERG). Possible escapees. A= 0.0206, F=4.9%, W=24, R=1.05%, G=1.96.  
**Misc:** 7/8 Sep Bellmount Forest GrN5 (WiP), 11/29 Sep Castle Hill GrI18 (BiJ), 5/29 Jan Bungendore GrS13 (ReR), 2/17 May nr Mugga Lane zoo (McI).
- Sulphur-crested Cockatoo** *Cacatua galerita* C.BR  
**GBS:** Slight decrease in abundance over 1990-91 (A=4.239). Seen at 95.1% of sites. Evidence of breeding reported from five sites. A=4.1637, F=95.1%, W=52, R=65.24%, G=6.38.  
**WBS:** Usually present LBth. Largest flock 400/1 Jun LGeo, N GrR6 (LeM).  
**Misc:** 159 records. One breeding record — dy/28 Mar Orroral camping ground GrH22 (EGR).
- Cockatiel** *Nymphicus hollandicus*  
**GBS:** Three records (escapees) — 1/1wk Jan Kambah GrJ16 (VeP), 1/1wk Feb and 1/4wk Apr Chapman GrI1 5 (McA).
- Rainbow Lorikeet** *Trichoglossus haematodus* R.M  
**GBS:** 12 records from Aranda GrJ13 — 2/3wk and 4wk Jul, 3wk May, 1wk Jun (HaK), 2/5wk Oct, 3/5wk Apr, 2/2-4wk May and 2/2wk to 4wk Jun (MaD).
- Scaly-breasted Lorikeet** *Trichoglossus chlorolepidotus*  
**Misc:** One record (escapee) — 1/14 Jan Scullin GrI12 (WhB).
- Little Lorikeet** *Glossopsitta pusilla* R.Vi  
**Misc:** 7/29 Dec Castle Hill GrI18 (VeP), 4/6 Jun Jamison Centre GrJ13 (BuM).
- Australian King-Parrot** *Alisterus scapularis* C.BR  
**GBS:** Abundance similar to 1990-91 (A=1.389). Recorded at 72.1% of sites, slightly lower (78%). Consistent seasonal pattern. Breeding records; dy/3-5wk Jan and 3-4wk Feb Weston GrJ15 (LeB), dy/5wk Jan Holder GrJ15 (AsM). A=1.3367, F=72.1%, W=52, R=34.36%, G=3.89.  
**Misc:** 26 non-breeding records.
- Superb Parrot** *Polytelis swainsonii* R.Vi  
**Misc:** 15/7 Oct Murrumbateman GrI6 (GrB), 20/13 Dec Bowning GrD1 (ClG), 30/5-8 Jan Evatt GrJ11 (GIJ).
- Crimson Rosella** *Platycercus elegans* C.BR  
**GBS:** Slightly more abundant than 1990-91 (A=2.909). Recorded at all sites. Breeding records from only one site — dy/1wk and 2wk Dec and dy/2wk to 4wk Jan Reid GrL13 (CaJ). A=2.9729, F=100%, W=52, R=82.26%, G=3.61.  
**WBS:** Usually around LBth GrY8 and LGeo GrR1 1 and R12.

**Misc:** 263 records. Breeding records: ih/8 Sep Campbell Pk GrM13 (McI), ih/22 Sep Black Mtn GrK13 (McI), ih/1 Dec Campbell Pk GrM13 (HaF), dy/29 Dec Castle Hill GrI18 (VeP).

**Eastern Rosella** *Platycercus eximius* C.BR

**GBS:** Abundance down from 1990-91 ( $A=1.635$ ). Recorded at 90% of sites. Three breeding records: n/4wk Oct Hughes GrK15 (AnI), n/3wk Nov Hughes GrK15 (AnI), dy/4wk Dec, dy/1wk and 3wk Jan Aranda GrJ13 (HaK), dy/2wk Jan Macquarie GrJ13 (CoD).  $A=1.3399$ ,  $F=90.2\%$ ,  $W=52$ ,  $R=54.24\%$ ,  $G=2.47$ .

**WBS:** Usually around LBth GrY8.

**Misc:** 154 records. Six breeding records: ih/8 Sep Campbell Pk GrM13 (McI), nb/13 Oct Tuggeranong Hill GrK18 (GrB), dy/20 Oct Murrumbateman GrI6 (GrB), nb/27 Nov Campbell Pk GrM13 (LiB), ih/1 Dec Campbell Pk GrM13 (HaF), dy/29 Dec Castle Hill GrI18 (VeP).

**Australian Ringneck** *Barnardius zonarius*

**Misc:** One record (escapee) — 1/19 Sep Mt Ainslie GrL13 (JoB).

**Red-rumped Parrot** *Psephotus haematonotus* C.BR

**GBS:** Increase in abundance over 1990-91 ( $A=0.469$ ), after very large decreases since 1984-85 ( $A=0.76$ ).  $A=0.5635$ ,  $F=36.1\%$ ,  $W=52$ ,  $R=12.21\%$ ,  $G=4.62$ .

**Misc:** 73 records. 2 breeding records: ih/13 Oct N side of Cotter Rd GrH15 (WrH), dy/29 Dec Castle Hill GrI18 (VeP).

**Budgerigar** *Melopsittacus undulatus*

**GBS:** Probable aviary escapees — 1/1wk Mar Stirling GrJ15 (JoD), 1/1wk May O'Connor GrK13 (BaI).

**Fischer's Lovebird** *Agapornis fischeri*

**GBS:** One record (escapees) — 2/2wk Jul Kambah GrJ16 (VeP).

**Peachface Lovebird** *Agapornis roseicollis*

**GBS:** One record (escapee) — 1/1wk Aug Holt GrI12 (DaC).

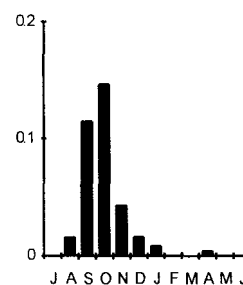
## CUCKOOS

**Pallid Cuckoo** *Cuculus pallidus* C.BM

**GBS:** Recorded at 20 sites from 3wk Aug to 4wk Jan, plus one late record in Apr. Values returned to earlier levels after a drop last year.  $A=0.0291$ ,  $F=32.8\%$ ,  $W=19$ ,  $R=2.71\%$ ,  $G=1.07$ .

**WBS:** Only one record — 1/22 Dec LBth, E basin GrY8 (LeM).

**Misc:** Thirty-six records from thirty-four sites across the region. First 1/25 Aug "Malcolmvale" GrN13 (StH2), last



1/7 Mar Conder GrK18 (Still). Two breeding records — dy(White-plumed Honeyeater)/1 Dec Campbell Pk GrM13 (HaF), dy(White-plumed Honeyeater)/14 Dec Campbell Pk GrM13 (TaM).

**Brush Cuckoo** *Cacomantis variolosus* U.BM

**GBS:** Only one record — 1/2wk Oct Ainslie GrL13 (BaJ).

**Misc:** Eight reports of single birds. Five from within the Canberra/Queanbeyan urban areas, between 17 Nov and 17 Feb. The others were — 1/3 Nov Kowen Forest GrO14 (LeB), 1/17 Nov "Paringa", Jerangle Rd GrS24 (StG) and 1/7 Dec Molonglo Gorge GrO14 (NiJ).

**Fan-tailed Cuckoo** *Cacomantis flabelliformis* C.BM

**GBS:** Recorded at 12 sites from 3wk Jul to 2wk Apr. Measure of abundance again down but other values steady. A=0.0101, F=19.7%, W=20, R=1.01%, G=1.00.

**Misc:** Forty-six records (1990-91 — 42), and again from across the region. All months except Jun. First 1/13 Jul Ainslie GrL13 (DoC), last 1/16 May Uriarra Crossing GrG12 (BuM).

**Horsfield's Bronze-Cuckoo** *Chrysococcyx basalis* C.BM

**GBS:** Records from 9 sites during the period 4wk Aug to 1wk Mar. An increase in all values — A=0.0121, F=14.8%, W=19, R=1.21%, G=1.00.

**Misc:** Twenty-six records from 17 grids. First 1/28 Aug Ainslie GrL13 (TaM) and last 1/26 Jan Jerrabomberra Wetlands GrL14 (BoJ).

**Shining Bronze-Cuckoo** *Chrysococcyx lucidus* C.BM

**GBS:** Observations from 7 sites, the first in 1wk Sep, the last 1wk Mar. An increase in all values over the levels of 1990-91. A=0.0089, F=11.5%, W=19, R=0.89%, G=1.00.

**Misc:** 40 records (19 in 1990-91). Again widely scattered across the region. First 1/7 Sep LGin GrJ12 (McI), last 1/5 Apr Kelly's Swamp GrL14 (McI).

**OWL**

**Southern Boobook** *Ninox novaeseelandiae* C.BR

**GBS:** Values at similar levels to previous years. A total of 98 records. A=0.0396, F=34.4%, W=38, R=3.52%, G=1.13.

**Misc:** 15 records involving 17 birds.

**FROGMOUTH AND NIGHTJAR**

**Tawny Frogmouth** *Podargus strigoides* U.BR

**GBS:** Records from 2 sites in Chapman and Cook. Breeding also recorded at the Cook site — dy/3wk Nov to 2wk Dec GrJ13 (BrM). A=0.0137, F=3.3%, W=13, R=0.53%, G=2.62.

**Misc:** 7 records, each of a single bird, from Queanbeyan GrN15 (see Lindenmayer 1991), Ainslie GrL13, Badja SF GrV30, Mulligan's Flat GrL11, Rocky Crossing GrH22 and S of Murrumbateman GrI7.

**Australian Owlet-nightjar** *Aegotheles cristatus*

U.BR

**WBS:** 1/30 Mar Lake Rd GrR11 (LeM).

**Misc:** 3 records — 1/27 Aug Campbell Pk GrM13 (LiB), 1/9 Oct Rendezvous Ck GrG23 (DCM), 1/2 Nov Mulligan's Flat GrL11 (LiB).

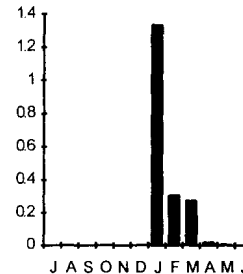
**SWIFT**

**White-throated Needletail** *Hirundapus caudacutus* C.M

**GBS:** First record, a flock of 200/1 wk Jan Kambah GrJ16 (VeP), last large groups 30/4wk Mar Macquarie GrJ13 (CoD) and 20/4wk Mar Barton GrL14 (AJR). Average group size this year was 20, twice that of two previous years. A=0.1778, F=16.4%, W=10, R=0.77%, G=23.16.

**WBS:** Only record — 150/23 Feb LBth, E basin GrY8 (MiP).

**Misc:** Single record of 100+/28 Mar Tharwa Rd, nr Point Hut GrI18 (EGR).



**KINGFISHERS, BEE-EATER AND DOLLARBIRD**

**Laughing Kookaburra** *Dacelo novaeguineae*

C.BR

**GBS:** Recorded at 43 sites, throughout the year. No breeding records. A=0.3824, F=70.5%, W=52, R=22.68%, G=1.69.

**WBS:** Two records only: 1/30 Mar Lake Rd GrR11 (LeM), 2/27 Jun Lake Rd GrR12 (LeB).

**Misc:** 163 records. Only 2 breeding records: nb/30 Oct Campbell Pk GrM13 (LiB), dy/29 Dec Castle Hill GrI18 (VeP).

**Sacred Kingfisher** *Todiramphus sanctus*

U.BM

**GBS:** A total of 27 birds recorded in 15 charts. First 1/2wk Oct Holt GrI12 (DaC) and Stirling GrJ15 (JoD). Last 1/1wk Mai Fisher GrJ15 (BiJ). A=0.0109, F=24.6%, W=19, R=1.09%, G=1.00.

**Misc:** 34 records, first 1/13 Oct Campbell Pk GrM13 (McI), last 1/3 Apr Nursery Swamp GrH23 (GIJ).

**Rainbow Bee-eater** *Merops ornatus*

C.BM

**GBS:** Six individual records, four of single birds and one of a group of 16/4wk Feb Fisher GrJ15 (BiJ). First record 1/2wk Oct Macgregor GrI12 (MoR), last 5/2wk Mar Kambah GrJ16 (WiS). A=0.0101, F=9.8%, W=6, R=0.24%, G=4.17.

**Misc:** 18 records, first 1/29 Sep nr Wee Jasper GrE8 (LeB) and last B/7 Mar Tuggeranong Hill GrK18 (StH1). Two breeding records — nb/17 Nov "Paringa", S of Collector GrS24 (StG) and ih/22 Dec Uriarra Crossing GrH12 (LeB).

**Dollarbird** *Eurystomus orientalis* U.BM  
**GBS:** Recorded from 18 sites totalling 135 sightings. First record 1/3wk Oct Campbell GrL14 (RoC), last 1/3wk Mar Cook GrJ13 (BrM). One breeding record of feeding 5wk Jan also from Cook GrJ13 (BrM). A=0.0546, F=29.5%, W=25, R=3.48%, G=1.57.  
**Misc:** 17 records, first 1/13 Oct Campbell Pk GrM13 (McI), last dy/8 Mar Jerrabomberra Wetlands GrL14 (McI). Only other breeding record dy/18 Jan ANU campus GrK13 (McI).

## LYREBIRD

**Superb Lyrebird** *Menura novaehollandiae* C.BR  
**Misc:** 19 non-breeding records from throughout the year.

## TREECREEPERS

**White-throated Treecreeper** *Cormobates leucophaeus* C.BR  
**GBS:** Recorded predominantly from sites in the Belconnen area but also recorded in O'Connor. A=0.0461, F=9.8%, W=48, R=3.64%, G=1.27.  
**WBS:** 1 record from LGeo.  
**Misc:** 170 non-breeding records.

**Red-browed Treecreeper** *Climacteris erythroptera* U.BR  
**Misc:** 4 records — 1/19 and 1/20 Oct Badja SF GrV30 (FyM), 1/17 Nov Track off Anembo Rd GrT26 (LiB), 2/1 Mar Stockyard Spur, W of Corin Dam GrDI9 (LeB).

**Brown Treecreeper** *Climacteris picumnus* C.BR  
**WBS:** 1 non-breeding record.  
**Misc:** 43 records, including 4/28 Sep Big Hole GrX24 (LuN), 2/14 Jun Square Rock area, Smokers Fire Trail GrFI9 (McD).

## FAIRY-WRENS

**Superb Fairy-wren** *Malurus cyaneus* C.BR  
**GBS:** Recorded at 44 sites. Indices of abundance and distribution down slightly. As previously, recording rate lowest from Aug to Dec. A=0.5768, F=70.5%, W=52, R=20.41%, G=2.83.  
**WBS:** 7 non-breeding records.  
**Misc:** 251 non-breeding records.

**Variiegated Fairy-wren** *Malurus lamberti* U.BR  
**Misc:** First records of this species for the region — 2/18 Oct and 1/19 Oct Badja SF GrV30 (FyM).

## PARDALOTES AND ALLIES

**Spotted Pardalote** *Pardalotus punctatus* C.BR

**GBS:** Recorded at 45 sites. Abundance similar to last year, but distribution index down slightly. A=0.4268, F=73.8%, W=52, R=25.26%, G=1.69. Two breeding records — n/3wk Sep Kambah GrJ16 (VeP), dy/2wk Dec Barton GrL14 (AJR).

**Misc:** 95 non-breeding records.

**Striated Pardalote** *Pardalotus striatus* C.BR

**GBS:** Recorded at 46 sites. Abundance index down on previous year. A=0.6079, F=75.4%, W=52, R=32.98%, G=1.84. One breeding record — dy/3 and 4wk Nov Barton GrL14 (AJR).

**Pilotbird** *Pycnoptilus floccosus* U.BR

**Misc:** 5 records — 3/19 and 1/20 Oct Badja SF GrV30 (FyM), 1/1 Mar Kangaroo Crossing GrE19 (LeB), 1/8 Mar Warks Rd GrE15 (BoJ), 1/10 May Condor Camp GrE14 (BoJ).

**White-browed Scrubwren** *Sericornis frontalis* C.BR

**GBS:** Recorded at 11 sites. Abundance and distribution indices down slightly on last year. A=0.0530, F=18.0%, W=46, R=3.68%, G=1.44.

**WBS:** One record from LGeo, S GrR11.

**Misc:** 101 records. One breeding record — ne/27 Oct Brindabella Rd GrDI5 (LiB).

**Chestnut-rumped Heathwren** *Hylacola pyrrhopygia* R.BR

**Misc:** One record — 6/6 Apr Mt Deua GrY28 (FyM).

**Speckled Warbler** *Chthonicola sagittata* U.BR

**GBS:** Records from 2 sites — 1wk and 2wk Jul Cook GrJ13 (BrM), 3wk and 4wk Apr Bruce GrK13 (BuM).

**WBS:** One record — 1/30 Mar Lake Rd GrR11 (LeM).

**Misc:** 35 non-breeding records.

**Weebill** *Smicrornis brevirostris* C.BR

**GBS:** Recorded at 28 sites. Abundance and distribution indices down on last year. A=0.3230, F=45.9%, W=52, R=14.39%, G=2.24. One breeding record — dy/2wk Apr Chapman GrI15 (HAJ).

**WBS:** 2 records.

**Misc:** 79 records. 2 breeding records — nb/3 Oct LGin GrJ12 (GIJ), nb/3 Dec Castle Hill GrJ18 (FyM).

**Western Gerygone** *Gerygone fusca* U.BM

**GBS:** Recorded at one site — 1/3wk Hughes GrK15 (AnB).

**Misc:** 25 non-breeding records.

**White-throated Gerygone** *Gerygone olivacea* C.BM

**GBS:** Recorded at 10 sites, compared with 3 sites the previous year. Abundance virtually unchanged, distribution index down slightly. A=0.015, F=16.4%, W=20, R=1.46%, G=1.03.

**WBS:** One record — 3/6 Mar LGeo, N GrR6 (LeM).

**Misc:** 42 records — first A/8 Sep SW corner Gigerline GrK19 (GrB) and last A/5 Apr Conder GrK18 (Still). 3 breeding records, all at Campbell Pk — on/10 Nov GrL13 (McI), nb/17 Nov GrM13 (TaM), on/27 Nov GrM13 (LiB).

**Brown Thornbill** *Acanthiza pusilla* C.BR

**GBS:** Recorded at 22 sites. Abundance and distribution frequency down on previous year. A=0.1730, F=36.1%, W=52, R=10.35%, G=1.67.

**WBS:** 3 records from LGeo, LBth and Lake Rd.

**Misc:** 108 non-breeding records.

**Buff-rumped Thornbill** *Acanthiza reguloides* C.BR

**GBS:** Recorded at 10 sites. Statistical values down slightly from previous year.

A=0.1132, F=16.4%, W=42, R=2.47%, G=4.59.

**WBS:** 2 non-breeding records.

**Misc:** 105 records. 6 breeding records — dy/6 Nov Mt Jerrabomberra GrM16 (LiB), dy/7 Nov Mt Rogers GrJ11 (JoD), dy/10 Nov Mt Stromlo, W GrI14 (LeB), nb/17 Nov Anembo Rd GrT26 (LiB), dy/29 Dec Stock route GrJ1 (LeB), dy/9 Feb Uriarra Crossing GrG12 (LiB).

**Yellow-rumped Thornbill** *Acanthiza chrysorrhoa* C.BR

**GBS:** Records from 49 sites. Abundance and distribution slightly down.

A=1.2947, F=80.3%, W=52, R=32.13%, G=4.03. Breeding records from 3 sites — dy/3wk Oct Kambah GrJ16 (VeP), dy/2wk Dec Chapman GrI15 (HAJ), dy/4wk Dec and 1/wk Jan Weston GrJ15 (LeB).

**WBS:** 8 non-breeding records from LGeo, LBth and Lake Rd.

**Misc:** 147 records. 2 breeding records — dy/7 Nov SE of Queanbeyan GrQ16 (JoR), dy/20 Nov Jerrabomberra Ave GrL15 (LeB).

**Yellow Thornbill** *Acanthiza nana* U.BR

**GBS:** Recorded at 3 sites in Chapman, Pearce and Cook.

**WBS:** One record — 1/27 Jun LGeo, S GrR11 (LeB).

**Misc:** 11 non-breeding records.

**Striated Thornbill** *Acanthiza lineata* C.BR

**GBS:** Recorded at 20 sites. Abundance and distribution indices down on previous year. A=0.1580, F=29.5%, W=52, R=6.35%, G=2.49.

**WBS:** One record from Lake Rd, GrR11.

**Misc:** 72 records. 5 breeding records — dy/27 Sep Ainslie GrL13 (TaM), nb/1 Oct E of Chisholm GrL17 (FyM), ne/11 Oct Mt Mavis GrF23 (DCM), ne/19 Oct Badja SF GrV30 (FyM), nb/15 Nov Wild Cattle Flat Rd GrT22 (FyM).



**Southern Whiteface** *Aphelocephala leucopsis*  
**GBS:** One record — 1/2wk Jan Weetangera GrJ13 (FyM).  
**WBS:** 3 records from LGeo and Lbth.  
**Misc:** 25 non-breeding records.

U.BR

## HONEYEATERS

**Red Wattlebird** *Anthochaera carunculata* C.BR

**GBS:** Again present throughout the year. Recorded at 59 sites totalling 4589 sightings. Abundance down slightly (1990-91 A=2.024). Recorded breeding on 14 charts, the earliest being nb/4wk Aug Page GrJ12 (A1B), the last feeding young/4wk Feb Hughes GrK15 (AnI). A=1.8549, F=96.7%, W=52, R=74.58%, G=2.49.

**WBS:** One record — 1/27 Jun Lake Rd GrR12 (LeB).

**Misc:** 135 records from all months of the year and throughout the region. Five breeding records — nb/1 Sep Ainslie GrL13 (TaM), on/22 Sep and ny/7 Oct LGIN GrJ12 (GLJ), dy/10 Oct Ainslie GrL13 (TaM), dy/18 Jan ANU campus GrK13 (McI).

**Noisy Friarbird** *Philemon corniculatus* C.BM

**GBS:** Abundance similar to last year (A=0.761). Recorded from 57 sites totalling 1996 sightings. Only two records in Jul — 1/4wk Turner GrK13 (BaJ) and 1/4wk Yarralumla GrK14 (CCR) and two in Jun — 4/1wk Ainslie GrL13 (LeM) and 2/1wk, 3/2wk, 2/3wk Lyneham GrK13 (McI). Six breeding records, the first dy/4wk Nov Aranda GrJ13 (HaK), the last dy/1wk Feb Chapman GrJ15 (HAJ). A=0.8068, F=93.4%, W=46, R=35.0%, G=2.3.

**WBS:** One record — 1/31 Jan LGeo, N GrR6 (LeM).

**Misc:** Total of 64 records, all in the period Sep to Apr, apart from — 2/3 May Aranda Bushland GrJ13 (McD) and 3/9 May Campbell Pk GrM13 (McD). First record — 1/8 Sep Campbell Pk GrM13 (McI). Two breeding records — di/5 Oct Aranda GrJ13 (WeS) and on/27 Nov Campbell Pk GrM13 (LiB).

**Little Friarbird** *Philemon citreogularis* R.M

**Misc:** One record — 5/2 Nov Mulligan's Flat GrL10 (LiB).

**Noisy Miner** *Manorina melanocephala* C.BR

**GBS:** Recorded throughout the year at 13 sites with a total of 499 sightings. Abundance still increasing (1989-90 A=0.115, 1990-91 A=0.176, 1991-92 A=0.2017). Less of a peak in records this year. One breeding record — n/2wk Oct to dy/1wk Dec Garran GrK15 (ThS). A=0.2017, F=21.3%, W=52, R=7.28%, G=2.77.

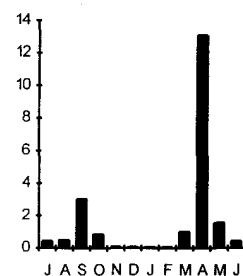
**WBS:** Two records, both at LGeo, S GrR11 — 1/30 Mar (LeM) and 1/27 Jun (LeB).

**Misc:** A total of 40 non-breeding records in all months of the year.

**Yellow-faced Honeyeater** *Lichenostomus chrysops* C.BM

**GBS:** Recorded at 53 sites totalling 4682 sightings. Usual double peak, the major one in Apr and a secondary one in Sep/Oct. Although this year the return migration started in Aug. Very few birds present in summer being recorded at only 13 sites, seven of which reported only one bird present at any one time each week. A=1.8925, F=86.9%, W=52, R=21.38%, G=8.85.

**WBS:** Three records: X/6 Mar LGeo, N GrR6 (LeM),



11/25 Apr LBth, W basin GrY8 (CrI), 50/26 Apr LGeo, S GrR11 (LeB).

**Misc:** A total of 110 records. Only one record in Jul — 1/27 Jul Black Mtn GrK13 (WrH), and one in Aug — 1/4 Aug S of Coppins Crossing GrI14 (FyM). No records after 10 May or in Jun. One breeding record — ny/16 Jan Shanahan's Falls Ck GrI27 (HoJ).

**White-eared Honeyeater** *Lichenostomus leucotis*

C.BR

**GBS:** Recorded from 27 sites. No records from Oct to Mar. All records of 1 or 2 birds except for 4/2wk Jun Calwell GrK17 (BAG). A=0.0784, F=44.3%, W=26, R=6.99%, G=1.12.

**WBS:** Two records: 1/29 Oct and 1/6 Mar LGeo, N GrR6 (LeM).

**Misc:** A total of 88 records in all months including two breeding records — ne/30 Nov Licking Hole Ck GrE22 (LiM) and dy/1 Mar Corin Dam Rd GrE19 (LeB).

**Yellow-tufted Honeyeater** *Lichenostomus melanops*

R.Vi

**GBS:** Recorded at one site in Chapman — 1/5wk Apr, 1/1wk, 2wk, 3wk and 4wk Jun GrI15 (HAJ).

**Fuscous Honeyeater** *Lichenostomus fuscus*

C.BR

**GBS:** Abundance down from last year (A=0.124). Recorded from 15 sites with a total of 204 observations. No records from 1wk Oct to 3wk Mar inclusive. A=0.0825, F=24.6%, W=27, R=3.92%, G=2.10.

**Misc:** 10 records between 28 Sep and 12 Apr with two breeding records — nb/16 Nov nr Captains Flat to Jerangle rd GrR24 (FyM) and nb/17 Nov 18km S of Captains Flat GrS24 (StG).

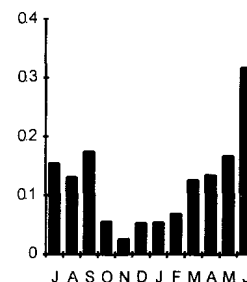
**White-plumed Honeyeater** *Lichenostomus penicillatus*

C.BR

**GBS:** Recorded at 19 sites. Sightings throughout the year, with a definite winter peak although less pronounced this year. A=0.2086, F=31.1%, W=52, R=7.96%, G=2.62.

**WBS:** Three records all at LGeo, S GrR11 — A/30 Mar (LeM), 5/26 Apr and X/27 Jun (LeB).

**Misc:** A total of 95 records in all months of the year. Four breeding records: on/10 Nov Campbell Pk GrM13 (McI), on/14 Dec Campbell Pk GrM13 (TaM), ny/16 Dec LGen GrJ12 (PuD), dy/29 Dec Castle Hill GrI18 (VeP).



**Brown-headed Honeyeater** *Melithreptus brevirostris* U.BR

GBS: Recorded at two sites only. 5/1wk Jul, 2/2wk Jul and 4/1wk Aug Chapman

GrI15 (HAJ) and 1/1wk May Weston GrJ15 (BoJ).

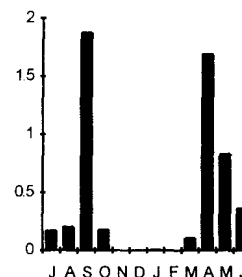
WBS: Two records of single birds at LGeo, N GrR6 on 25 Sep and 29 Oct (LeM).

Misc: 17 non-breeding records. No records from Mar to Jun inclusive and no urban records.

**White-naped Honeyeater** *Melithreptus lunatus* C.BM

GBS: Recorded at 29 sites, with 1113 sightings. Outward migration in Apr and May this year with return migration in late Aug, Sep and early Oct. No records from 5wk Oct to 4wk Mar apart from 1 / 1 wk Jan Chapman GrI 15 (McA) and 20/1wk Mar Calwell GrK17 (BAG). A=0.4499, F=47.5%, W=32, R=5.94%, G=7.57.

WBS: One breeding record, dy/6 Mar LGeo, N GrR6 (LeM)



and one other record, 10/26 Apr LGeo, S GrR11 (LeB).

Misc: A total of 57 records of which two were breeding records. cf/17 Nov 18km S of Collector GrS24 (StG) and dy/8 Mar Warks Rd GrE15 (BoJ). No records in Dec or Jun.

**Crescent Honeyeater** *Phylidonyris pyrrhoptera* U.BR

GBS: Recorded from 5 sites. No records from 2wk Oct to 2wk Apr inclusive.

A=0.04, F=8.2%, W=24, R=2.51%, G=1.6.

Misc: 10 non-breeding records scattered through the region, between Sep and May.

**New Holland Honeyeater** *Phylidonyris novaehollandiae* U.BR

GBS: Recorded from 4 sites. Abundance has dropped dramatically and steadily from 1984-85, when it was A=0.106. Records scattered throughout the year with a slight winter peak. A=0.0113, F=6.6%, W=12, R=0.69%, G=1.65.

Misc: 14 non-breeding records scattered through the region.

**Eastern Spinebill** *Acanthorhynchus superciliosus* C.BR

GBS: Recorded from 54 sites with a total of 1482 observations throughout the year.

Abundance down slightly on last year (A=0.791). As usual considerable increase in winter sightings. Single breeding record — dy/5wk Jan Cook GrJ13 (BrM). A=0.5990, F=88.5%, W=52, R=35.81%, G=1.67.

Misc: A total of 58 records in all months. No breeding records.

**Scarlet Honeyeater** *Myzomela sanguinolenta* R.Va

GBS: One record — 1/27 Aug Weetangera GrJ13 (FyM).

Misc: 2/27 Oct ANBG GrK13 (VeP), 1/27 Oct Kambah Pool GrI16 (WhB).

**White-fronted Chat** *Epthianura albifrons* U.BR

WBS: Recorded in small numbers (up to 16) in all months except Oct to end of Jan, at LBth, E and W basins GrY8. One record at LGeo, S GrR11 (LeM).

Misc: 3 non-breeding records — 4/18 Oct nr LGin GrJ12 (FyM), 2/22 Mar Newington Rd GrP11 (CoG), X/12 Apr LGeo, S GrR12 (FeP).

## ROBINS

**Jacky Winter *Microeca fascinans*** U.BR

**Misc:** 8 records from 7 grid cells, including — 2/28 Jul Wee Jasper to Yass rd Gr D7 (WrH), 1/4 Aug Braidwood to Captains Flat rd GrX19 (LeB), 1/8 Sep Gigerline GrK19 (GrB), 1/2 Nov Mulligan's Flat GrL11 (LiB), 2/8 Mar Uriarra Hs, Uriarra Rd GrF13 (BoJ) and 1/ 22 Mar Newington Rd area GrP11 (CoG).

**Scarlet Robin *Petroica multicolor*** C.BR

**GBS:** Recorded at 17 sites, all months except Oct—Dec. A=0.0449, F=27.9%, W=30, R=2.79%, G=1.61.

**WBS:** 1/26 Apr LGeo, S GrR11 (LeB).

**Misc:** 111 records in 63 grid cells . Largest numbers recorded 5/7 Jul "Malcolmvale" GrW13 (StG), 8/26 Jul Sawyer's Ck rd GrD8 (WrH), 12/28 Jul from "The Horseshoe" to Murrumbidgee R GrG10 (WrH) and 15/12 Apr Corin Dam rd GrF19 (WrH).

**Red-capped Robin *Petroica goodenovii*** R.Vi

**Misc:** 8 records in 5 grid cells, an increase in observation records. 1/26 Jul Melba GrJ12 (PuD), 2/30 Dec 7.5 km SW of Gunning GrN3 (LeB), 1/23 Feb Old Boboyan Rd GrH25 (DaB), 1/12 Mar Campbell Pk GrM13 (MuS), 1/15 May Southwell's Crossing GrJ14 (MoM3), 3/17 May 7km SW of Gunning (LeB) and 1/23 May and 6 Jun Campbell Pk GrM13 (WiT).

**Flame Robin *Petroica phoenicea*** C.BR

**GBS:** Recorded at 3 sites. Present in colder months, absent from Oct to Mar.

**WBS:** 4 records at LGeo GrR11 and GrY8 (LeM) and (CrI). Largest number 12/6 Jul LGeo, S GrR11 (LeM).

**Misc:** 63 records in 50 grid cells. Largest numbers recorded 4/27 Oct Brindabella Rd GrD15 (LiB), 30/7 Apr "Khan Younis", W edge of Deua NP GrX27 (FyM), 8/12 Apr Corin Dam Rd GrF19 (WrH) and 2/12 April Pryor's Hut GrC20 (ClG).

**Rose Robin *Petroica rosea*** U.BM

**GBS:** Records from 13 sites. Absent from Oct to Mar inclusive. A=0.0166, F=21.3%, W=21, R=1.54%, G=1.08.

**Misc:** 3 non-breeding records — 1/6 Sep W side of Black Mtn GrK13 (HoL), 3/19 Oct Badja SF GrV30 (FyM), 1/4 Jun CSIRO Ginninderra GrJ11 (GU). One breeding record — 2 dy/19 Oct Murrumbidgee R at Smith's Rd GrJ19 (McD).

**Hooded Robin *Melanodryas cucullata*** U.BR

**WBS:** One record — 2/30 Mar Lake Rd, GrR11 (LeM).

**Misc:** 36 non-breeding from 18 grid cells, including — 2/7 Jul Mt Jerrabomberra GrM16 (LiB), 2/7 Jul Bibaringa Paddock GrH15 (WrH), 2/20 Jul Campbell Pk GrM13 (McI), 4/25 Aug "Malcolmvale", Majura Rd GrN13 (StG), 3/13 Sep Mt Tennent/Honeysuckle Ck GrI20 (PfD), 3/6 Oct Gigerline GrK19 (GrB), 2/2 Nov Mulligan's Flat GrL11 (LiB), 6/16 Nov between Captain's Flat/Jerangle Rd and Queanbeyan R GrR24 (FyM), 2/3 Dec Castle Hill, S GrJ18 (FyM), 3/13 & 16 Feb

Yalgum GrQ 14 (GrB), 2/22 Mar Newington Rd GrP 11 (CoG) and 3/24 Apr Googong foreshores GrN17 (GrB). Breeding records included — dy/30 Oct Campbell Pk GrM13 (LiB), dy/10 Nov Campbell Pk GrL13 (McI).

**Eastern Yellow Robin** *Eopsaltria australis* C.BR

**GBS:** 2 records. A big fall from previous year.

**Misc:** 66 records from 50 grid cells, including — 4/28 Jul Kirawin Reserve GrE8 (WrH), 1/28 Sep Big Hole GrX24 (LuN), 2/1 Mar Stockyard Spur, W of Corin Dam GrD19 (LeB) and 2/28 Mar Orroral camping ground GrH22 (EGR).

## WHIPBIRD AND QUAIL-THRUSH

**Eastern Whipbird** *Psophodes olivaceus* U.BR

**Misc:** 7 records — 3 from Badja SF, 2 from Deua NP, also — 1/4 Aug Shoalhaven R downstream from Warri Bridge GrZ15 (LeB) and 1/8 Mar Warks Rd Gr E15 (BoJ).

**Spotted Quail-thrush** *Cinclosoma punctatum* U.BR

**Misc:** 11 records from S and W ACT and the ranges to the east of the ACT, except — 4/11 Mar Mundoonen Ra GrJ2 (LuN).

## SITTELLA

**Varied Sittella** *Daphoenositta chrysoptera* U.BR

**GBS:** Values down on previous years. A=0.0202, F=9.8%, W=13, R=0.57%, G=3.57.

**Misc:** 39 records. 4 breeding records — nb/13 Oct Cotter Rd pipeline GrH15 (WrH), on/30 Oct Campbell Pk GrM13 (LiB), nb/16 Nov between Captains Flat/Jerangle Rd and Queanbeyan R GrR24 (FyM), on/3 Dec Castle Hill GrJ18 (FyM).

## WHISTLERS AND ALLIES

**Crested Shrike-tit** *Falcunculus frontatus* U.BR

**WBS:** 1 record — 1/30 Mar Lake Rd GrR11 (LeM).

**Misc:** 14 records in 10 grid cells — 2/7 Jul Oldfields GrC23 (LuN), 2/20 Jul Campbell Pk GrM13 (McI), 2/5 Oct Mulligan's Flat GrM10 (LiB) and 1/3 May ANBG GrK13 (HaF).

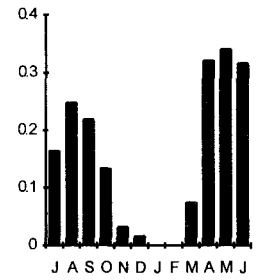
**Olive Whistler** *Pachycephala olivacea* U.BR

**Misc:** 4 records from 3 grid cells — 1/28 Jul ANBG GrK13 (BoJ), A/11 Oct Mt Mavis Big Creamy Flats, Middle Ck GrF23 (DCM) and 1/20 Oct Badja SF GrV30 (FyM).

**Golden Whistler** *Pachycephala pectoralis* C.BR

**GBS:** Recorded at 33 sites. No records Jan, Feb. All values down. A=0.1548, F=54.1%, W=41, R=12.45%, G=1.24. **WBS:** 1 record — 1/26 Apr LGeo, S GrR11 (LeB).

**Misc:** 58 records from 36 grid cells — 1/23 Aug Ainslie GrL13 (TaM), 1/20 Nov Isaacs Ridge GrK13 (HoA), 2/30 Apr Cotter Rd nr Curtin GrJ14 (JoD) and 4/24 May Gossan Hill GrK12 (BuM).



**Rufous Whistler** *Pachycephala rufiventris* C.BM

**GBS:** Recorded at 36 sites. Present all year. Values down on 1990-91. A=0.1374, F=59.0%, W=51, R=10.71%, G=1.28.

**WBS:** 1 record — 1/30 Mar Lake Rd GrR11 (LeM).

**Misc:** 114 non-breeding and 1 breeding record in 69 grid cells. 4/7 Oct GrH16 (LaD), 10/13 Oct Campbell Pk GrM13 (McI) and 10/19 Oct Murrumbidgee Rat Smith's Rd GrJ19 (McD).

**Grey Shrike-thrush** *Colluricincla harmonica* C.BR

**GBS:** Recorded at 25 sites. Present all year. Abundance and distribution values up. A=0.0732, F=41.0%, W=51, R=6.79%, G=1.08.

**WBS:** 3 records — 1/22 Dec and 1/24 May LBth, E basin GrY8 and 1/30 Apr Lake Rd GrR11 (LeM).

**Misc:** 174 non-breeding records of 1 to 6 birds, in 100 grid squares. 1 breeding record — nb/12 Nov LGen peninsula GrJ12 (FyM).

## FLYCATCHERS

**Black-faced Monarch** *Monarcha melanopsis* R.Vi

**GBS:** 1 record — 1/3 Dec Hannaford St Page GrJ12 (AIB).

**Leaden Flycatcher** *Myiagra rubecula* C.BM

**GBS:** Records from 8 sites. Present in warmer months from Oct to Mar. A=0.0255, F=13.1%, W=19, R=1.54%, G=1.66.

**Misc:** 23 records including 6/17 Feb Bushland nr Queanbeyan Cemetery GrM15 (LiB), and 3 breeding records — nb/24 Nov Smith's Rd Gigerline GrJ19 (VeP), nb/27 Nov Campbell Pk GrM13 (LiB), dy/23 Feb Goodradigbee R GrC23 (PaR).

**Satin Flycatcher** *Myiagra cyanoleuca* C.BM

**GBS:** Recorded at 4 sites. Present from Oct to Feb.

**Misc:** 10 records including 2/1 Mar Stockyard Spur, W of Corin Dam GrD19 (LeB) and 1/12 Apr Corin Dam Rd GrF19 (WrH).

**Restless Flycatcher** *Myiagra inquieta* U.BR

**GBS:** Recorded at 3 sites.

**Misc:** 22 records in 20 grid cells. 2/28 Jul Kirawin Res GrE8 (WrH), 6/3 Dec Castle Hill GrJ18 (FyM) and 5/17 Apr Bibaringa Paddock GrH15 (WrH).

**Magpie-lark** *Grallina cyanoleuca*

C.BR

**GBS:** Recorded at 61 sites. Present all year. After significant rise last year abundance value down again. A=1.8751, F=100%, W=52, R=72.43%, G=2.59. Breeding records from 9 sites.

**WBS:** 20 records in 4 grid cells including 30/6 Jul, 12/2 Sep LGeo, N GrR6 and 20/1 Jun LGeo, S GrR11 (LeM).

**Misc:** 192 non-breeding in 81 grid cells. 18 breeding records.

**Rufous Fantail** *Rhipidura rufifrons*

U.BM

**Misc:** 5 records — 1/19 Oct Badja SF GrV30 (FyM), 1/23 Dec Ainslie GrL13 (TaM), 1/1 Mar Stockyard Spur GrD19 (LeB) and A/24 Mar and 7Apr Tidbinbilla NR GrF17/G17 (GIJ)

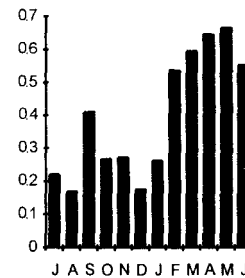
**Grey Fantail** *Rhipidura fuliginosa*

C.BR

**GBS:** Recorded at 51 sites. Present all year. A=0.3957, F=83.6%, W=52, R=24.45%, G=1.62.

**WBS:** 1 record — 2/24 Apr LGeo, S GrR11 (LeB)

**Misc:** 187 non-breeding records in 97 grid cells including — 15/29 Sep Baldy Ra GrE6 (LeB), 20/19 Oct Murrumbidgee Rat Smith's Rd GrJ19 (McD) and 20/29 Mar Black Mtn GrK13 (McI). 2 breeding records in grids T26 and V30.



**Willie Wagtail** *Rhipidura leucophrys*

C.BR

**GBS:** Recorded at 51 sites. Present all year. A=0.4099, F=83.6%, W=52, R=31.24%, G=1.31.

**WBS:** 13 records, including 4/ 25 Apr LBth, west basin GrY8 (CrI).

**Misc:** 168 non-breeding records records from 86 grid cells. 12 breeding records — first nb/5 Oct LGin GrJ12 (EGR) and last ny/3 Dec Castle Hill GrJ18 (FyM).

**CUCKOO-SHRIKES AND ALLIES**

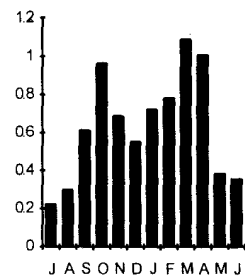
**Black-faced Cuckoo-shrike** *Coracina novaehollandiae*

C.BR

**GBS:** Recorded at 57 sites with a total of 1601 sightings. Recorded throughout the year but again with a noticeable decline in winter, especially in Jul this year. A=0.6471, F=93.4%, W=52, R=39.73%, G=1.63.

**WBS:** Three records at LBth — 1/22 Dec LBth, E basin GrY8 (LeM) and 1/22 Dec LBth, W basin GrY8 (CrI) (same bird?), and 1/24 May LBth, W basin GrY8 (CrI).

**Misc:** A total of 151 records in all months except Jun, although only 2 in both Jul and Aug. 5 breeding records as follows — nb/5 Oct LGin GrJ12 (EGR), dy/10 Nov Campbell Pk GrL13 (McI), ny/12 Nov LGin GrJ12 (FyM), dy/17 Nov Black Mtn GrK13 (McI), nb/1 Dec Campbell Pk GrM13 (HaF).



**White-bellied Cuckoo-shrike** *Coracina papuensis* R.Va  
**Misc:** Two records — 1/3 Oct ANU GrK13 (LeM), 1/22 May Ainslie GrL13 (TaM).

**White-winged Triller** *Lalage sueurii* U.BM  
**GBS:** Recorded at 8 sites with a total of 19 sightings. First 2/2wk Oct Fraser GrJ11 (PeJ) and last 1/3wk Nov Lyneham GrK13 (McI). All sightings involved single birds except for Fraser where there were 2 birds in 2, 3, 4 and 5wk Oct.  
**Misc:** A total of 27 records between 1/12 Oct Macgregor GrI12 (LiB) and 1/17 Feb Queanbeyan GrM15 (LiB). Four breeding records — nb/17 Nov Campbell Pk GrM13 (TaM), nb/24 Nov Gigerline GrJ19 (VeP), on/ 1 Dec Campbell Pk GrM13 (HaF), dy/30 Jan Canberra Yacht Club GrK14 (JoD).

## ORIOLE

**Olive-backed Oriole** *Oriolus sagittatus* U.BM  
**GBS:** First 1/4wk Jul Turner GrL13 (BaJ) (early), last 1/4wk May Ainslie GrL13 (LeM) (late). A=0.0606, F=44.3%, W=38, R=5.42%, G=1.12.  
**Misc:** 27 records. First 1/7 Sep LGin GrJ12 (McI), last 1/6 Apr Shoalhaven R, Deua NP GrX28 (FyM). 2 breeding records (from same nest) — on/6 Nov and ny/27 Nov Mt Jerrabomberra GrM16 (LiB).

## WOODSWALLOWS, BUTCHERBIRD, MAGPIE AND CURRAWONGS

**Masked Woodswallow** *Artamus personatus* R.Vi  
**Misc:** 1/3 Dec Castle Hill GrJ18 (FyM), 6/16 Jan Rocky Knoll, LGin GrJ12 (MB).

**White-browed Woodswallow** *Artamus superciliosus* U.BM  
**GBS:** First GBS records since the influx of 1988-89. 18/3wk Oct and 15/4wk Nov Weetangera GrJ13 (FyM), 25/3wk Dec Barton GrL14 (AJR). A=0.0234, F=3.3%, W=3, R=0.12%, G=19.33.  
**WBS:** 12/22 Dec LBth GrY8 (LeM).  
**Misc:** Recorded in comparable frequency to 1988-89 following low numbers in the intervening two years. 23 records, mostly from the Gunning—Gundaroo area and well surveyed sites such as Campbell Pk, Castle Hill and Mt Jerrabomberra. 3 records from mid to high-altitude sites — X/13 Jan Boboyan Pine Plantation GrH25 (HoJ), A/24 Mar Tidbinbilla NR GrF 17, Nursery Swamp GrH23 (both GIJ). 4 breeding records — on/1 Dec Campbell Pk GrM13 (HaF), dy/29 Dec Castle Hill GrI18 (VeP), cf/1 Jan Mt Jerrabomberra GrM15 (LiB), dy/13 Jan LGin GrJ12 (PuD).

**Dusky Woodswallow** *Artamus cyanopterus* C.BM  
**GBS:** All values down by approximately 50% on 1990-91 values. A=0.0226, F=11.5%, W=10, R=0.53%, G=4.31.  
**Misc:** 81 non-breeding records. 12 breeding records, mostly from LGin and Campbell Pk.



**Grey Butcherbird** *Cracticus torquatus*

U.BR

**GBS:** 1/3wk Dec Hughes GrK15 (AnI), 1/4wk Jun Gilmore GrK17 (GrB).

**Misc:** 25 non-breeding records.

**Australian Magpie** *Gymnorhina tibicen*

C.BR

**GBS:** Steady pattern of previous years continues for all values. Breeding recorded from 18 sites. First n/4wk Jul Ainslie GrL13 (LeM), last n/1wk Jan Hughes GrK15 (AnI). First dy/1wk Sep Ainslie GrL13 (LeM), last dy/1wk Feb Weetangera GrJ13 (FyM). A=2.4414, F=98.4%, W=52, R=79.99%, G=3.05.

**WBS:** 25 records, all but 3 from LBth.

**Misc:** 284 records. 2 records of large flocks — 48/26 Jul The Mullion Hs GrE10 (WrH), 40/28 Jul Sawyers Creek Rd GrD9 (WrH). 34 breeding records, including nb/27 Jul Ainslie GrL13 (TaM).

**Pied Currawong** *Strepera graculina*

C.BR

**GBS:** Average number seen (A) continues to rise gradually, other values largely unchanged. Unusual record of a very large group 320/2wk Jun Curtin GrJ14 (MoM3). Breeding recorded from 21 sites; first n/2wk Sep Macquarie GrJ13 (CoD), last n/3wk Dec Aranda GrJ13 (MaD). First dy/4wk Oct Macquarie GrJ13 (CoD) and Chapman GrI15 (McA), last dy/2wk Jan Aranda GrJ13 (HaK). A=4.3884, F=100%, W=52, R=77.04%, G=5.70.

**WBS:** 1 non-breeding and 1 breeding record from LGeo.

**Misc:** 191 records, including 100/14 Jun O'Connor Ridge GrK13 (HuG). 7 breeding records.

**Grey Currawong** *Strepera versicolor*

C.BR

**GBS:** 2 non-breeding records — 1/4wk Dec Hughes GrK15 (AnI) and 1/4wk Jun Gilmore GrK17 (GrB). Single breeding record — 2dy/5wk Jan Cook GrJ13 (BrM). A=0.0380, F=32.8%, W=35, R=3.23%, G=1.18.

**WBS:** 1 non-breeding record from LGeo.

**Misc:** 49 non-breeding records. 1 breeding record — cf/27 Sep SE base Black Mtn GrK13 (LeB).

**RAVENS**

**Australian Raven** *Corvus coronoides*

C.BR

**GBS:** Average number seen (A) continues to rise, following trend of past 4 years. 3 breeding records: ny/4wk Sep & 1wk Oct Chapman GrI15 (BBG), dy/4wk Oct Barton GrL14 (AJR), dy/2wk & 3wk Dec Farrer GrK16 (ReD). A=1.0598, F=91.8%, W=52, R=45.80%, G=2.31.

**WBS:** 11 records, all but 2 from LBth.

**Misc:** 226 records. 5 breeding records, including nb/20 Jul ANBG GrK13 (DoM), dy/24 Nov CSIRO Black Mtn GrK13 (LeB).

**Little Raven** *Corvus mellori* U.BR  
**GBS:** Recorded from 4 sites, including 100/4wk Jan Weston GrJ15 (LeB).  
A=0.0711, F=6.6%, W=8, R=0.40%, G=17.60.  
**WBS:** 17 records, all but 2 from LBth.  
**Misc:** 24 non-breeding records.

## CHOUGH

**White-winged Chough** *Corcorax melanorhamphos* C.BR  
**GBS:** Values show a return to levels comparable to those seen in 1989-90 after a peak last year. A=0.1783, F=24.6%, W=31, R=2.30%, G=7.74.  
**Misc:** 60 records. 7 breeding records.

## BOWERBIRD

**Satin Bowerbird** *Ptilonorhynchus violaceus* U.BR  
**GBS:** 73 records from 7 sites in Weston Creek (Chapman, Duffy, Fisher) and 2 sites in Kambah. Max 9/2wk & 3wk Jul Chapman GrI15 (BBG). Pattern has remained much the same for the previous 2 years at least. A=0.0622, F=14.8%, W=32, R=2.95%, G=2.11.  
**Misc:** 10 records, all from the Brindabella Ra except 13/28 Jul Fairlight Hs GrF12 (WrH), 1/24 Aug, 6 Sep Kambah GrJ16 (McD), 1/6 Apr Shoalhaven R, Deua NP GrX28 (FyM).

## LARKS

**Skylark** *Alauda arvensis* C.BR  
**WBS:** 23 records throughout the year at LBth GrY8 and the Morass GrZ7, and 5/6 Jul LGeo, N GrR6 (LeM).  
**Misc:** A total of 20 non-breeding records scattered over all months except Aug and Mar.

## PIPIT

**Richard's Pipit** *Anthus novaeseelandiae* C.BR  
**GBS:** Records from only two sites. A single bird 3wk Oct to 1wk Nov Gilmore GrK15 (GrB) and 1/1wk Nov Calwell GrK17 (BAG).  
**WBS:** 21 records in all months except Aug and Mar, at LBth, E and W basins GrY8 and the Morass GrZ7. Other records — 4/6 Jul LGeo, N GrR6 (LeM), 10/26 Apr LGeo, S GrR11 (LeB).  
**Misc:** A total of 71 records covering all months. Three breeding records — ne/7 Oct Site within GrH16 (LaD), cf/29 Dec Bedulluck rd to Nanima GrK7 (LeB), dy/31 Jan Jerrabomberra Wetlands GrL14 (LiB).

## SPARROW AND GRASS-FINCHES

### **House Sparrow** *Passer domesticus* C.BR

**GBS:** Recorded at 58 of the 61 sites and present all months. The downward trend in the measure of abundance (A), evident over the past five years, halted and there was a slight increase over 1990-91. A=7.0457, F=95.1%, W=52, R=71.34%, G=9.88. Breeding records from 6 sites — first n/4wk Sep, last dy/4wk Feb.

**Misc:** Recorded on 11% of sheets. Reports for all months. One breeding record outside the urban areas — ny/27 Feb Burrinjuck W of Taemas bridge GrE7 (LeB) (Lepschi 1992).

### **Zebra Finch** *Taeniopygia guttata*

**GBS:** One record (escapee) — 1/3wk Dec Weetangera GrJ13 (FyM).

### **Double-barred Finch** *Taeniopygia bichenovii* U.BR

**GBS:** Observations recorded at 9 sites. Only one record Nov to Feb. Measure of abundance down again, continuing the pattern of the past five years. A=0.0263, F=13.1%, W=20, R=0.85%, G=3.1.

**Misc:** Twenty-three reports principally from areas north and east of Canberra. All months except Jun and Jul.

### **Red-browed Finch** *Neochmia temporalis* C.BR

**GBS:** Reports at 14 sites with highest numbers Jul to Sep. Only few records Nov to Mar. Measure of abundance slightly down on high figure of 1990-91 (A=0.4803). A=0.3464, F=22.9%, W=34, R=3.52%, G=9.85.

**WBS:** Regularly reported along Lake Rd at the southern end of LGeo GrR11.

**Misc:** Reported on 11% of sheets, down from the 21% in 1990-91 and 33% in 1989-90. Records for all months. Regularly recorded in groups of 20-30 at Jerrabomberra Wetlands. Other reports principally from around Canberra and the north and east of the region. Breeding records — ny/28 Sep Jerrabomberra Wetlands GrL14 (McI), nb/6 Oct Isaacs Ridge GrK15 (HoA), nb/20 Nov Isaacs Ridge GrK15 (HoA)

### **Diamond Firetail** *Stagonopleura guttata* U.BR

**WBS:** One record — 2/30 Mar Dam on Lake Rd GrR12 (LeM).

**Misc:** 20 records from Jul to Apr, including — 3/7 Jul "Malcolmvalle", Majura Rd GrN13 (StG), 4/20 Jul Campbell Pk GrM13 (McI), 1/24 Nov Gigerline GrJ19 (VeP), 1/16 Dec Gunning GrL2 (LeB), 4/16 Feb Yalgum GrQ14 (GrB), 1/9 Mar SW of Jerrawa GrL3 (LeB), 1/22 Mar Newington Rd, Wamboin GrP11 (CoG).

## FINCHES

### **European Greenfinch** *Carduelis chloris* U.BR

**Misc:** 3/23 Jul Kelly's Swamp GrL14 (LuN), 1/17 Oct Capital Hill GrL13 (FyM).

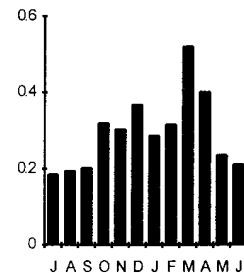
**European Goldfinch** *Carduelis carduelis* C.BR  
 GBS: Abundance significantly down on 1990-91 (A=0.36). Recorded at 45.9% of sites, down from 61%. A=0.2126, F=45.9%, W=50, R=8.41%, G=2.53. **WBS:** Recorded at LBth and LGeo. Largest number 60/25 Sep LGeo GrR11 (LeM).  
**Misc:** 100 non-breeding records. No breeding records.

**MISTLETOEBIRD**

**Mistletoebird** *Dicaeum hirundinaceum* U.BM  
 GBS: Recorded from 5 sites. Abundance and distribution down. A=0.0109, F=8.2%, W=19, R=1.01%, G=1.08.  
**WBS:** 3 records from LGeo.  
 Misc: 27 non-breeding records.

**SWALLOWS AND MARTINS**

**Welcome Swallow** *Hirundo neoxena* C.BR  
 GBS: Recorded from 17 sites, a total of 731 birds. Recorded throughout the year, with a small peak after summer and with very few records in May, Jun and Jul. A=0.2955, F=27.9%, W=51, R=5.66%, G=5.22.



**WBS:** 19 records in most months, Aug, Oct, Nov and Mar being the exceptions. Numbers varied from a few birds in the winter months to 100 in Sep LGeo, N GrR6 and Dec LBth, E basin GrY8.

**Misc:** 150 records in all months although only two in Jun. Three breeding records — nb/29 Sep nr Captains Flat/Jerangle Rd GrR22 (LiB), ne/21 Oct and ny/28 Oct nr Balcome Hill GrQ16 (JoR).

**Tree Martin** *Hirundo nigricans* C.BM  
 GBS: Recorded from 5 sites, with a total of 33 sightings. First 1/4wk Oct Fisher GrJ15 (BiJ), last 2/2wk Mar Bruce GrK13 (BuM). A=0.0133, F=8.2%, W=9, R=0.4%, G=3.3.

**WBS:** Six records scattered through the year. In Sep 3 birds at LGeo. Single birds in Sep, Jan and Apr at LBth and 40/23 Feb LBth, W basin GrY8 (LeM).

**Misc:** 43 records in all months except May and Jun. Max numbers 80/12 Mar and 50/24 Mar LGeo GrJ12 (PuD). Two breeding records — cf/15 Nov Wild Cattle Flat rd GrT22 (FyM) and ih/17 Nov nr Queanbeyan R GrS26 (MoM3).

**Fairy Martin** *Hirundo ariel* U.BM  
**WBS:** Only one record — 1/6 Jul LGeo, S GrR11 (LeM).  
**Misc:** 14 records with only one after Feb — 8/17 Apr Bibaringa, Cotter Rd GrH15 (WrH).

## OLD WORLD WARBLERS

**Clamorous Reed-Warbler** *Acrocephalus stentoreus* C.BM

**GBS:** One record only — 1/2wk Feb Barton GrL14 (AJR).

**WBS:** 1 Sep record from LGeo, N GrR6.

**Misc:** 47 records, including 3 breeding records: nb/21 Oct LGIN GrJ12 (PuD), dy/8 Dec Jerrabomberra Wetlands GrL14 (McI) and dy/18 Jan LGIN GrJ12 (McI).

**Little Grassbird** *Megalurus gramineus* U.BR

**WBS:** 1 Jul record from LGeo, N GrR6.

**Misc:** 11 non-breeding records, all but 3 from Jerrabomberra Wetlands. These include: 2/8 Oct Farm dam, 2km W of LGeo GrQ11 (FyM), 1/10 Nov Wet Lagoon NR GrS2 (LuN), 1/29 Dec Bedulluck rd GrK7 (LeB).

**Rufous Songlark** *Cincloramphus mathewsi* U.BM

**GBS:** 2/5wk Oct & 1/2wk Nov Holt GrI12 (EGR), 1/4wk Oct to 1/wk Nov Gilmore GrK17 (GrB). A=0.0024, F=3.3%, W=4, R=0.20%, G=1.20.

**Misc:** 21 non-breeding records.

**Brown Songlark** *Cincloramphus cruralis* R.BR

**WBS:** 3/22 Dec LBth, E basin GrY8 (LeM), 1/31 Jan LGeo GrR6 (LeM).

**Misc:** Regularly recorded north of the ACT in the Gundaroo, Gunning, Murrumbateman and Nanima districts during Dec—Jan (13 records), including: 1/9 Dec Hawthorn Hs GrI5, 2/16 Dec 7.5 km W of Gunning GrM1, 1/13 Jan 3km SSW of Gundaroo GrO8 (all LeB). Also 1/21 Sep LBth, E basin GrY8 (MiP) and a single record from southern Canberra — A/15 Feb Gordon Dam GrJ18 (StHl).

**Golden-headed Cisticola** *Cisticola exilis* U.BR

**WBS:** 2 records from LBth, 3 from LGeo.

**Misc:** 29 records, predominantly from Jerrabomberra Wetlands, LGeo, LGIN and LTug/Point Hut Crossing, but also: A/30 Dec 7.5 km W of Gunning GrM1, A/23 Jan 10km WNW Gunning GrL1 (both LeB), 6/13 Feb & 8/16 Feb Yalgum Hs GrQ14 (GrB), 1/17 May 11.5 km WSW of Gunning GrL3 (LeB) and 1/28 Jun Spring Range rd GrJ10 (BuM).

## SILVEREYE

**Silvereye** *Zosterops lateralis* C.BR

**GBS:** Records from 60 sites. Seasonal pattern similar to past years, with lower average numbers in the warmer months. Abundance and distribution similar to last year. A=5.7943, F=98.4%, W=52, R=67.83%, G=8.54. Breeding at 6 sites — n/3wk Nov to 4wk Dec Barton GrL14 (AJR), dy/1wk Dec Chapman GrI15 (HAJ), ny/2wk and 3wk Jan, ny/ 2wk, 3wk and 4wk Jan Evatt GrJ12 (GU), n/4wk Jan Yarralumla GrK14 (CCR), ny/2wk and 3wk Feb Evatt GrJ12 (GU), dy/2wk and 3wk Feb Kambah GrJ16 (VeP).

**WBS:** 3 records from LGeo, LBth and Lake Rd.

**Misc:** 115 non-breeding records.

## THRUSHES

**Bassian Thrush** *Zoothera lunulata* U.BR  
**Misc:** 2 records — 1/3 May Hyles Block, Uriarra Forest GrG13 (BuM) and 2/31 May ANBG GrK13 (BoJ).

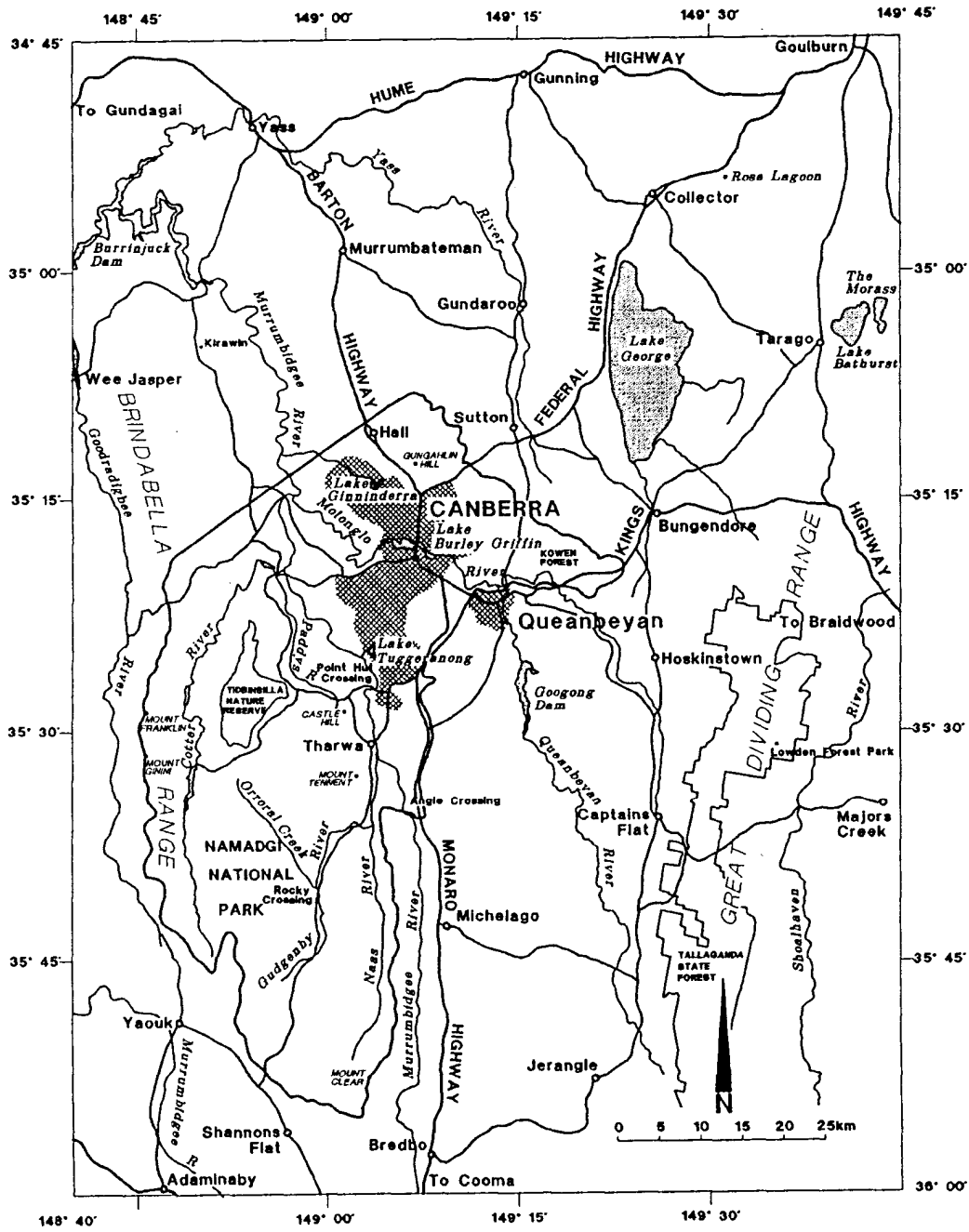
**Common Blackbird** *Turdus merula* C.BR  
**GBS:** Recorded at 56 sites. Present all year. Numbers peaked Jan—May.  
A=1.8605, F=91.8%, W=52, R=73.85%, G=2.52.  
**Misc:** 67 records in 27 grid cells, including — 20/5 Oct LGin GrJ12 (EGR), 1/7 Oct Larrys Ck area GrH16 (LaD), 3/19 Oct Murrumbidgee R at Smith's Rd GrJ19 (McD), 1/20 Oct Jembaicumbene Ck GrZ19 (LeB), 1/16 Nov Boolboolma Crossing GrR25 (FyM), 1/8 Mar Warks Rd GrE15 (BoJ), 5/17 May 9.2 km ENE of Murrumbateman PO GrK5 (LeB) and C/18 May Brandy Flat to Glendale depot GrI23 (McD).

## STARLING AND MYNA

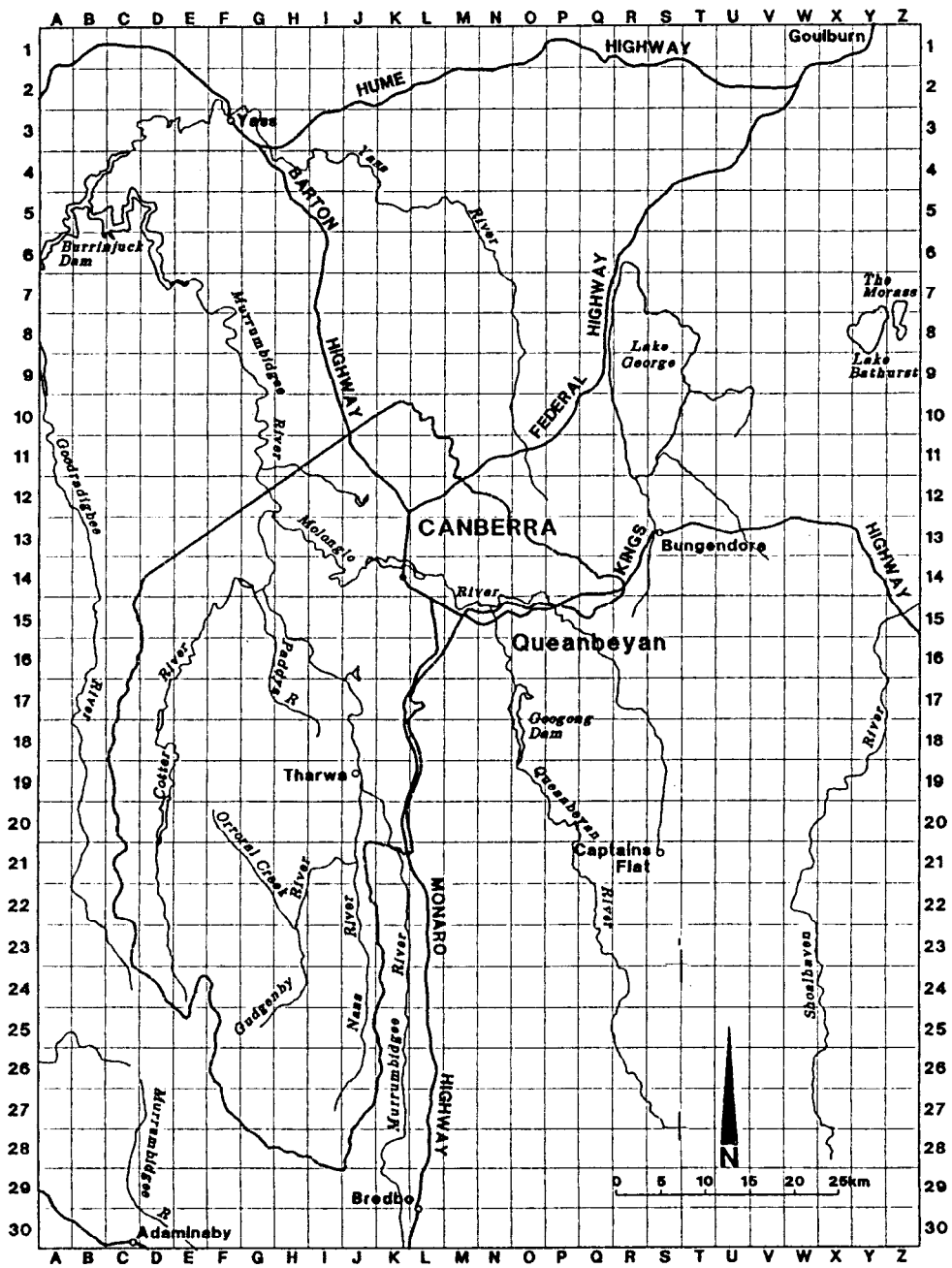
**Common Starling** *Sturnus vulgaris* C.BR  
**GBS:** Abundance slightly up. Recorded at 96.7% of sites over all weeks of the year. Evidence of breeding at 10 sites. A=11.768, F=96.7%, W=52, R=74.78%, G=15.74.  
**WBS:** Usually present at LBth GrY8 and The Morass GrZ7. Largest number 402/25 Apr LBth, E basin GrY8 (MiP).  
**Misc:** 205 records. Breeding records included: nb/12 Oct Macgregor GrI12 (LiB), cf/2 Nov Mulligan's Flat GrL11 (LiB), ny/3 Nov Kowen Forestry settlement GrO14 (LeB), cf/6 Nov Mt Jerrabomberra GrM16 (LiB), ny/7 Nov Mt Rogers (JoD), ny/9 Nov Coinda and Bogo grid GrA3 (LuN), ny/16 Nov Boolboolma Crossing GrR25 (FyM), dy/22 Nov nr Rehwinkels Animal Farm GrO11 (LeB), cf/30 Nov Aranda Bushland GrJ13 (WeS), cf/1 Dec Campbell Pk GrM13 (HaF), ny/23 Dec Catherines Ck GrK1 (LeB).

**Common Myna** *Acridotheres tristis* C.BR  
**GBS:** Abundance continues to grow (1990-91 A=2.79). Recorded at 70.5% of sites, up from 54.24%. Evidence of breeding from 4 sites. A=3.7288, F=70.5%, W=52, R=41.11%, G=9.07.  
**WBS:** One record — 1/27 Jun Lake Rd GrR12 (LeM).  
**Misc:** 30 records. 4 breeding records: ih/1 Oct E of Chisholm GrL17 (FyM), nb/26 Oct Kambah GrJ16 (AnL), cf/25 Nov Barton GrL14 (LeB), ny/1 Dec Weston GrJ15 (LeB).

APPENDIX 3. Maps of the Canberra region, grid system and Garden Bird Survey sites.

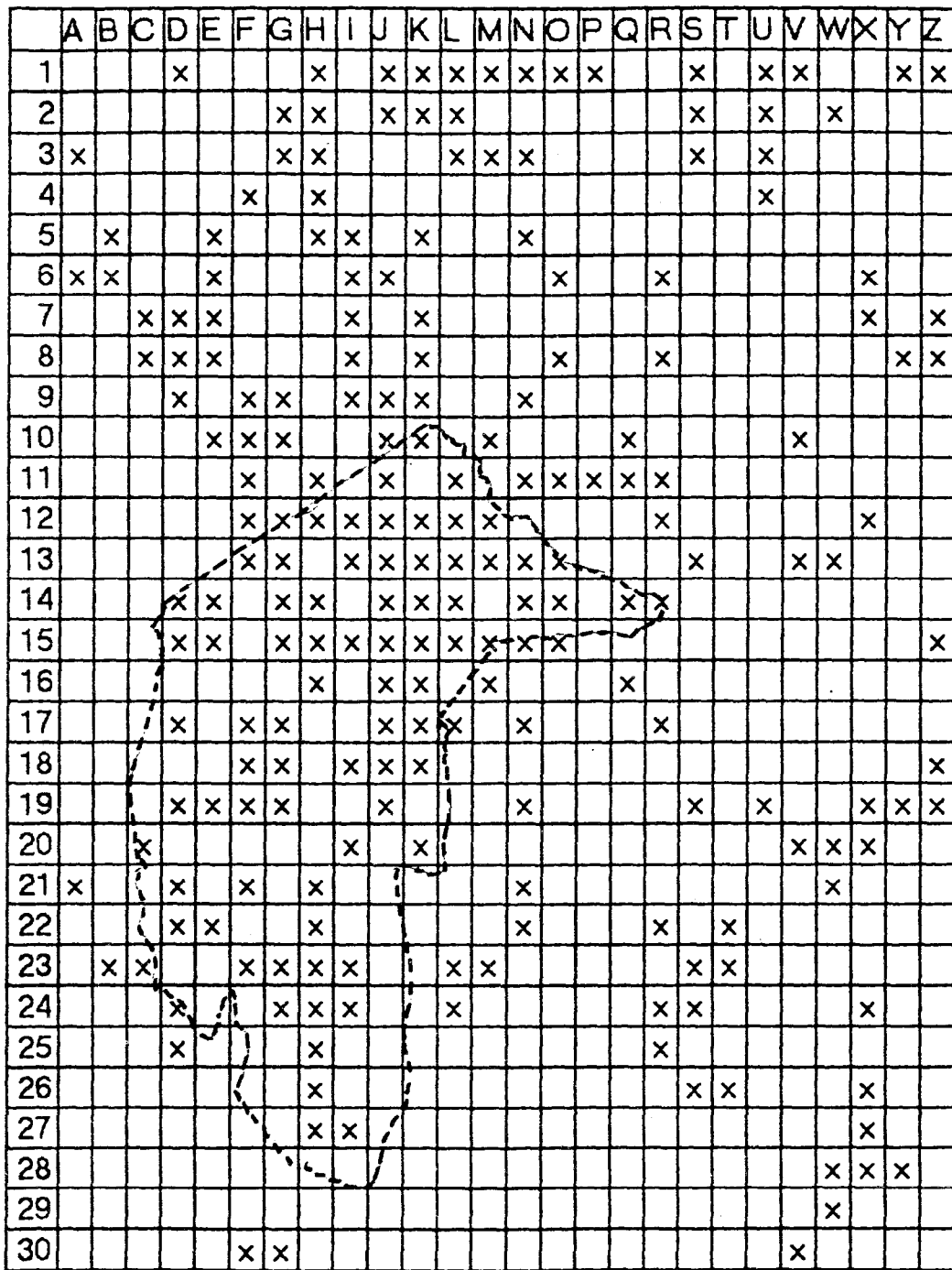


Map 1: The Canberra region.

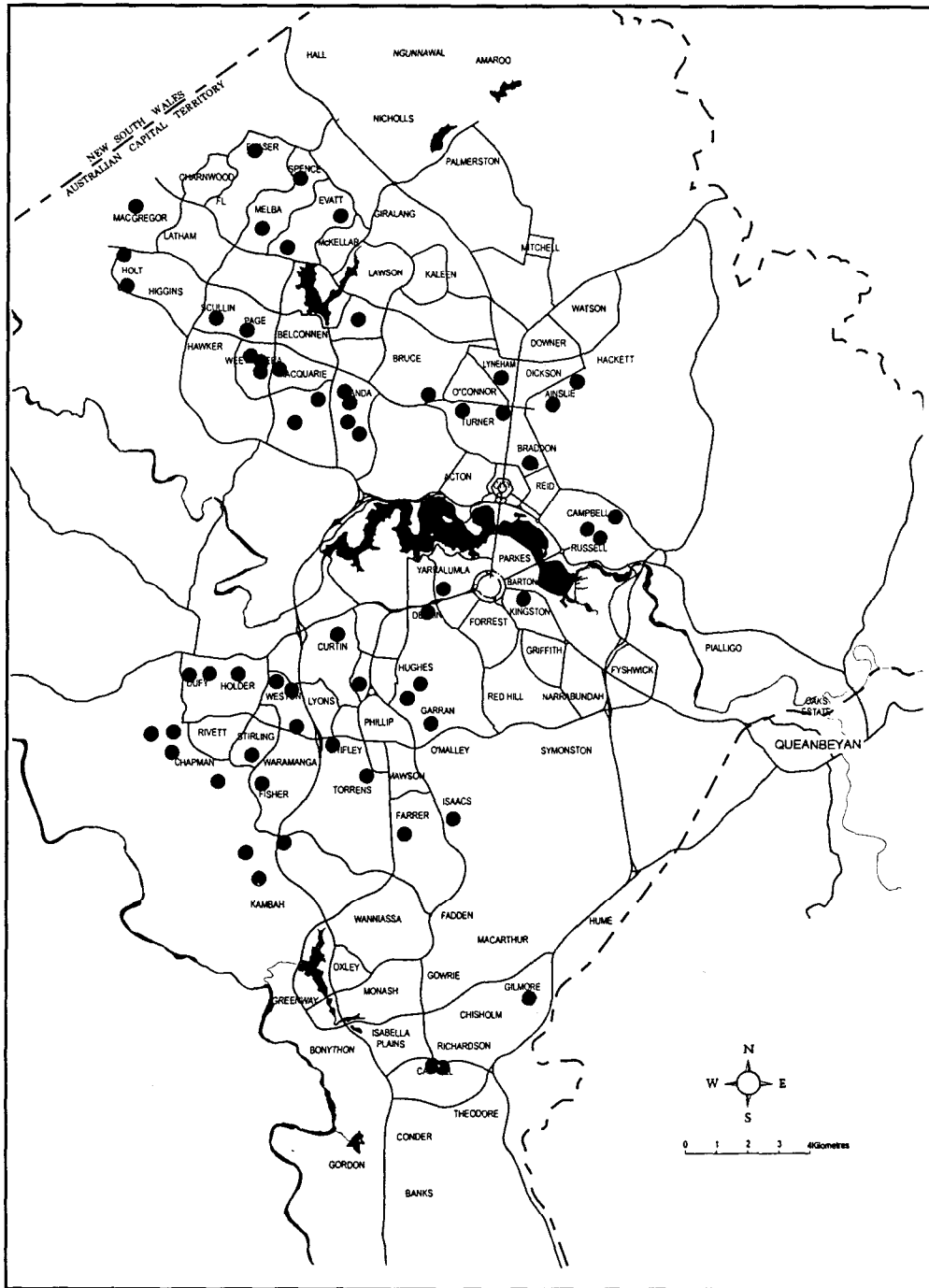


Map 2. Location of the COG Database grids.





Map 3. Grid cells from which data were collected in 1991-92.



**Map 4.** Location of the Garden Bird Survey sites.

(Continued from inside front cover)

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<i>Publications</i>	Carol Macleay	286 2624
<i>Records- Officer</i>	Andrew Newbery	254 0960
<i>Regent Honeyeater Survey</i> <i>(Capertee Valley), Coordinator</i>	Joan Price	259 2739
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Production and distribution of *Canberra Bird Notes*:

**Camera-ready Copy:** Cedric Bear

**Printing:** Lowes - Printer

**Distribution:** Ann McKenzie and helpers

Annual Subscriptions for 1996 are: Student (18 years of age and younger) \$15.00; Individual \$25.00; Family \$25.00; Institutions \$25.00. All receive one copy of *Canberra Bird Notes*.

*Canberra Bird Notes* is published quarterly by the Canberra Ornithologists Group. Contributions are welcome. These should fit into one of the following categories: major articles (up to about 3000 words); short notes and "Odd Obs" (up to about 300 words); reviews of books and articles (up to about 500 words); and where to watch birds (up to about 800 words). The articles and notes should cover matters of the distribution, identification, and behaviour of birds occurring in the Australian Capital Territory and surrounding area (i.e. New South Wales coast north to Jervis Bay, and west to the Riverina). Contributions can be sent, preferably on an IBM-formatted disk together with a hard copy, to the editors c/o David Purchase, 5 Orchard Place, Melba, ACT 2615 (Tel 258 2252).

## CONTENTS

*Canberra Bird Notes* 21(4) December 1996

Annual Bird Report: 1 July 1991 to 30 June 1992

*Canberra Ornithologist Group*

Introduction	69
Highlights of the Year	69
Rainfall and Temperature	70
Sources of Data	71
<i>a) Garden Bird Survey</i>	
<i>b) Waterbird Survey</i>	74
<i>c) Miscellaneous Records</i>	75
<i>d) Bird of the Year Project</i>	75
Acknowledgements	75
References	76
	77
Appendix 1 (Explanatory Notes, Statistical Methods, Abbreviations, and Observer Codes)	
Appendix 2 (Systematic List)	82
Appendix 3 (Maps of the Canberra region, grid system and Garden Bird Survey sites)	121

(Printed November 1996)