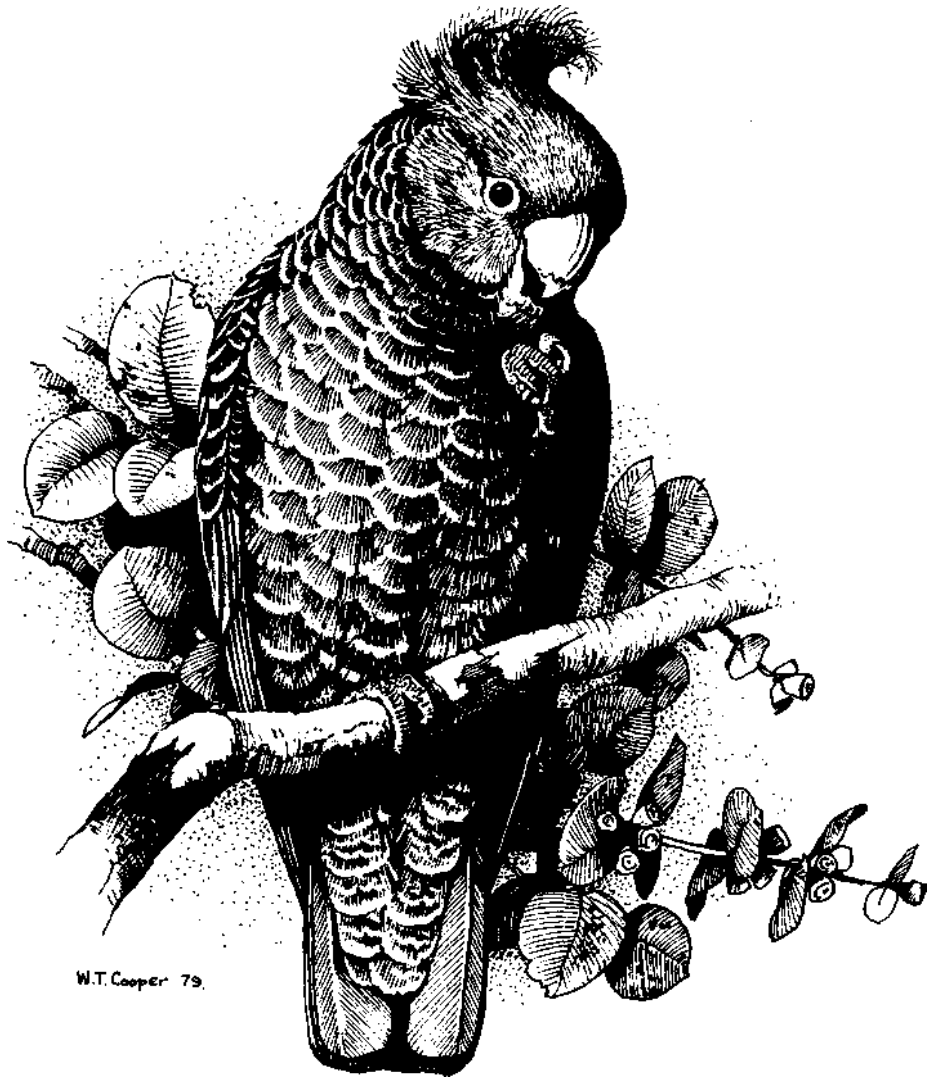


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(Continued inside back cover)

ANNUAL BIRD REPORT: 1 JULY 1992 TO 30 JUNE 1993

Canberra Ornithologists Group
PO Box 301, Civic Square, ACT 2608

Introduction

This Annual Bird Report summarises all records of species that occurred in the Canberra region, as defined by the Canberra Ornithologists Group (COG), between 1 July 1992 and 30 June 1993. The Canberra region is the description given by COG to its area of interest. The boundaries of the area lie along 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 is 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, Lake Ginninderra lies in grid cell J12. 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 1992-93 members collected data from 191 cells (compared with 215 in 1991-92). The locations of these cells are shown in Appendix 3, Map 3. Observers provided details of their observations on 689 record sheets (compared with 740 in 1991-92).

There were 210 species recorded in the region during the twelve month period to 30 June 1993 (compared with 219 in 1991-92).

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 they are submitted to the Rarities Panel.

Highlights of the Year

The highlights of the 1992-93 year in the Canberra region included:

- an unusual sighting of an Emu *Dromaius novaehollandiae* at Lake Bathurst;
- a large influx of Freckled Ducks *Stictonetta naevosa* at Lake George in May and June;
- a Red Knot *Calidris canutus* at Lake Bathurst, only the second record for the region;
- a Buff-breasted Sandpiper *Tryngites subruficollis* at Lake Bathurst, the first reported sighting of this species for the Canberra region;
- further evidence of the rapidly increasing population of the Crested Pigeon *Ocyphaps lophotes* in Canberra;
- further records of the Chestnut-rumped Heathwren *Hylacola pyrrhopygia* this year close to Canberra;
- evidence that numbers of the Rufous Whistler *Pachycephala rufiventris* continue to fall; and
- the first reported sighting for the region of a Red-whiskered Bulbul *Pycnonotus jocosus*.

Rainfall and Temperature

The total rainfall for the year was 768 mm (Figure 1), up on the previous year (672 mm), and well above the long-term yearly average of 633 mm. While spring and summer rains were generally higher than the long-term average, substantially so for

November, January and March, falls for the cooler months of July, April, May and June were well down on the averages for those months.

Average monthly temperatures were largely consistent with long-term figures (Figure 2).

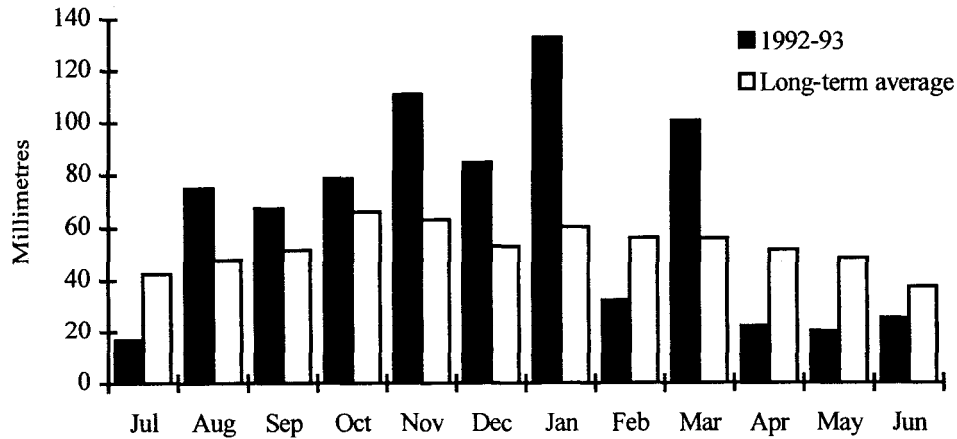


Figure 1. Monthly rainfall figures for 1992-93 and long-term averages.

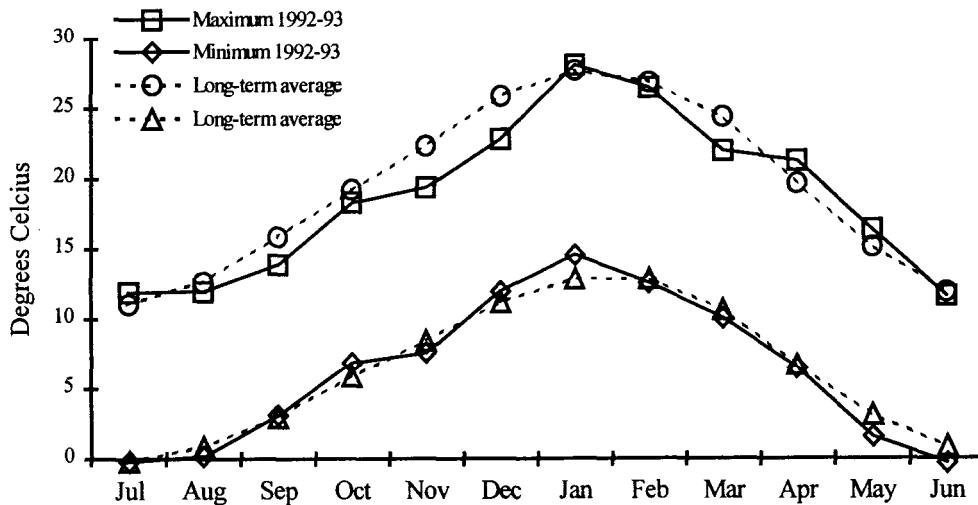


Figure 2. Monthly average maximum and minimum temperatures for 1992-93 and long-term averages.

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 m of their home or workplace. A detailed description of the GBS has been made by Hermes (1981). Sixty-five charts were received for 1992-93 (compared with 61 in 1991-92). The approximate locations of the sites are shown in Appendix 3, Map 4.

One hundred and twenty-nine species were recorded on GBS charts submitted for 1992-93. This figure does not include a number of

unconfirmed records of Status 3 species. Statistical values of abundance (A), distribution (F), presence (W), recording rate (R) and group size (G) for these species are shown in Table 1 together with the percentage change in these values when compared with the average of the previous year (1991-92). 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 area per observer-week. The greatest monthly A value has been used to determine the vertical scale of each histogram. Therefore, when comparing histograms from different years and/or species, allowance should be made for differences in this scale. For selected species, histograms have been provided for each of the past four years. These are all to the same vertical scale to enable them to be more easily compared.

TABLE 1. Values of A, F, W, R and G, with percentage change compared with previous year.

SPECIES NAME	A	d A %	F	d F %	W	d W %	R	d R %	G
Common Starling	10.7462	-9	98.5	2	52	0	78.42	5	13.70
House Sparrow	6.6009	-6	100	5	52	0	75.80	6	8.71
Silvereye	6.2918	9	98.5	0	52	0	71.23	5	8.83
Galah	5.2582	-14	100	0	52	0	80.38	5	6.54
Sulphur-crested Cockatoo	5.1250	23	98.5	4	52	0	68.72	5	7.46
Pied Currawong	3.9882	-9	98.5	-2	52	0	80.67	5	4.94
Crimson Rosella	2.8263	-5	98.5	-2	52	0	81.93	0	3.45
Australian Magpie	2.6400	8	100	2	52	0	84.10	5	3.14
Common Myna	2.1505	-42	76.9	9	52	0	45.08	10	4.77
Magpie-lark	2.1324	14	98.5	-2	52	0	79.38	10	2.69
Red Wattlebird	1.9856	7	98.5	2	52	0	77.06	3	2.58
Common Blackbird	1.9797	6	95.4	4	52	0	76.65	4	2.58
Silver Gull	1.5338	249	10.8	64	49	145	2.51	130	61.15
Eastern Rosella	1.3478	1	95.4	6	52	0	55.33	2	2.44
Yellow-faced Honeyeater	1.3146	-31	89.2	3	52	0	22.54	5	5.83
Yellow-rumped Thornbill	1.3117	1	87.7	9	52	0	36.11	12	3.63
Australian King-Parrot	1.1169	-16	76.9	7	52	0	33.16	-3	3.37
Rock Dove	1.0207	-19	46.2	8	52	0	16.53	4	6.18
Striated Pardalote	0.9771	61	76.9	2	52	0	34.49	5	2.83
Australian Raven	0.9399	-11	93.8	2	52	0	46.74	2	2.01

Table 1. (continued)

Noisy Friarbird	0.7392	-8	93.8	0	41	-11	36.33	4	2.03
Gang-gang Cockatoo	0.7064	38	69.2	8	52	0	22.5	30	3.14
Superb Fairy-wren	0.6385	11	64.6	-8	52	0	19.88	-3	3.21
Black-faced Cuckoo-shrike	0.6097	-8	93.8	0	52	0	40.13	1	1.52
Spotted Pardalote	0.6031	41	81.5	10	52	0	32.57	29	1.85
Eastern Spinebill	0.5433	-9	89.2	1	52	0	31.43	-12	1.73
Red-rumped Parrot	0.5242	-7	38.5	7	52	0	11.32	-7	4.63
Australian Wood Duck	0.4747	1280	20	35	51	65	4.17	151	11.39
Weebill	0.4659	44	60	31	52	0	17.85	24	2.61
Straw-necked Ibis	0.4072	-52	27.7	69	22	29	2.91	71	13.97
White-naped Honeyeater	0.4072	-9	47.7	0	34	6	6.42	8	6.34
Willie Wagtail	0.3917	-4	93.8	12	52	0	30.1	-4	1.3
Grey Fantail	0.3608	-9	84.6	1	52	0	24.71	1	1.46
White-winged Chough	0.2977	67	26.2	7	52	68	4.5	96	6.61
Laughing Kookaburra	0.2947	-23	76.9	9	52	0	19.37	-15	1.52
Crested Pigeon	0.2818	43	32.3	31	52	0	10.33	14	2.73
Eurasian Coot	0.2007	50075	1.5	-6	28	2700	1.03	2475	19.43
Red-browed Finch	0.1852	-47	15.4	-33	47	38	2.36	-33	7.84
Welcome Swallow	0.1756	-41	44.6	60	49	-4	5.64	0	3.11
Striated Thornhill	0.1653	5	29.2	-1	52	0	6.57	3	2.52
European Goldfinch	0.1512	-29	38.5	-16	51	2	5.79	-31	2.61
Golden Whistler	0.1273	-18	60	11	43	5	10.77	-13	1.18
Noisy Miner	0.1121	-44	21.5	1	50	-4	4.54	-38	2.47
Masked Lapwing	0.1099	61	32.3	-2	51	6	5.57	21	1.97
White-browed Scrubwren	0.1088	105	16.9	-6	52	13	6.05	64	1.8
Fuscous Honeyeater	0.0974	18	26.2	7	25	-7	3.28	-16	2.97
Satin Bowerbird	0.0882	42	13.8	-7	39	22	3.14	6	2.81
Rufous Whistler	0.0859	-37	56.9	-4	50	-2	7.49	-30	1.15
Brown Thornbill	0.0826	-52	30.8	-15	48	-8	5.16	-50	1.6
White-eared Honeyeater	0.0738	-6	49.2	11	32	23	5.83	-17	1.27
White-plumed Honeyeater	0.0668	-68	35.4	14	49	-6	3.98	-50	1.68
White-throated Needletail	0.0664	-63	16.9	3	14	40	0.77	0	8.57
Grey Shrike-thrush	0.0616	-16	30.8	-25	49	-4	5.42	-20	1.14
Olive-backed Oriole	0.0598	-1	46.2	4	32	-16	5.46	1	1.09
Purple Swamphen	0.0527	N A	1.5	N/A	42	N/A	1.55	N/A	3.4
White-faced Heron	0.0524	306	24.6	66	44	193	2.8	139	1.87
Pacific Black Duck	0.0494	616	10.8	227	34	1033	1.95	1525	2.53
White-throated Treecreeper	0.0494	7	13.8	41	51	6	4.06	12	1.22
Yellow-tailed Black-Cockatoo	0.0491	143	4.6	-6	5	25	0.22	38	22.17
Scarlet Robin	0.0421	-6	26.2	-6	37	23	2.84	2	1.48
Leaden Flycatcher	0.0398	56	15.4	18	27	42	2.47	60	1.61
Double-barred Finch	0.0373	42	10.8	-18	29	45	1.59	87	2.35
Little Raven	0.0328	-54	3.1	-53	3	-63	0.11	-73	29.67
Varied Sittella	0.0314	55	10.8	10	18	38	0.7	23	4.47
Australian White Ibis	0.0306	-74	16.9	156	14	75	0.74	131	4.15
Tree Martin	0.0302	127	9.2	12	16	78	0.63	58	4.82
Grey Currawong	0.0295	-22	26.2	-20	42	20	2.58	-20	1.14
Mistletoebird	0.0284	161	16.9	106	26	37	2.29	127	1.24
Black-shouldered Kite	0.0280	264	21.5	87	32	113	2.03	164	1.38
Australian Hobby	0.0266	16	32.3	23	39	63	2.47	39	1.07

Table 1. (continued)

Southern Boobook	0.0255	-36	29.2	-15	40	5	2.47	-30	1.03
New Holland Honeyeater	0.0225	99	7.7	17	28	133	1.29	87	1.74
Australian Pelican	0.0203	9	12.3	151	22	340	0.89	345	2.29
Crescent Honeyeater	0.0199	-50	9.2	12	22	-8	1.44	-43	1.38
Clamorous Reed-Warbler	0.0199	4875	1.5	-6	21	2000	0.77	1825	2.57
Buff-rumped Thornbill	0.0181	-84	10.8	-34	16	-62	0.66	-73	2.72
Richard's Pipit	0.0177	785	3.1	-6	8	100	0.33	65	5.33
Little Corella	0.0170	-17	6.2	27	20	-17	0.85	-19	2
Rose Robin	0.0159	-4	12.3	-42	21	0	1.51	-2	1.05
Black Swan	0.0140	N/A	3.1	N/A	15	N/A	0.55	N/A	2.53
Shining Bronze-Cuckoo	0.0140	57	13.8	20	26	37	1.4	57	1
Dollarbird	0.0129	-76	16.9	-43	20	-20	1	-71	1.3
Skylark	0.0129	N/A	3.1	N/A	8	N/A	0.3	N/A	4.38
Rainbow Lorikeet	0.0122	31	3.1	-6	16	45	0.63	29	1.94
Pallid Cuckoo	0.0122	-58	21.5	-34	15	-21	1.22	-55	1
Little Black Cormorant	0.0118	N/A	1.5	N/A	15	N/A	0.55	N/A	2.13
Flame Robin	0.0111	208	4.6	-6	5	-38	0.33	3	3.33
Common Bronzewing	0.0103	21	9.2	-6	17	31	0.77	12	1.33
Nankeen Kestrel	0.0100	45	12.3	7	21	50	0.85	49	1.17
Brown-headed Honeyeater	0.0096	96	3.1	-6	4	0	0.15	-6	6.5
Little Pied Cormorant	0.0089	2125	4.6	188	15	1400	0.59	1375	1.5
Collared Sparrowhawk	0.0089	37	16.9	29	20	54	0.85	39	1.04
Great Cormorant	0.0085	166	6.2	27	11	175	0.52	225	1.64
Brown Falcon	0.0081	103	13.8	68	17	183	0.63	75	1.29
White-throated Gerygone	0.0077	-49	13.8	-16	15	-25	0.77	-47	1
Brown Goshawk	0.0063	-48	20	-19	16	-20	0.63	-48	1
Sacred Kingfisher	0.0052	-52	18.5	-25	9	-53	0.52	-52	1
Rufous Fantail	0.0052	117	9.2	12	9	80	0.52	160	1
Scaly-breasted Lorikeet	0.0048	N/A	3.1	N/A	12	N/A	0.44	N/A	1.08
Horsfield's Bronze-Cuckoo	0.0048	-60	9.2	-38	9	-53	0.48	-60	1
Dusky Woodswallow	0.0044	-81	7.7	-33	6	-40	0.22	-58	2
Wedge-tailed Eagle	0.0041	-16	10.8	10	11	22	0.41	14	1
Fan-tailed Cuckoo	0.0041	-59	15.4	-22	10	-50	0.41	-59	1
Little Eagle	0.0037	-52	10.8	-27	10	-33	0.37	-46	1
Peregrine Falcon	0.0033	18	6.2	-6	7	0	0.33	18	1
White-winged Triller	0.0033	-57	7.7	-41	7	0	0.33	-46	1
Restless Flycatcher	0.0030	150	6.2	27	8	167	0.3	150	1
Western Gerygone	0.0030	N/A	4.6	N/A	8	N/A	0.3	N/A	1
Tawny Frogmouth	0.0026	-81	3.1	-6	4	-69	0.15	-72	1.75
Speckled Warbler	0.0026	63	4.6	39	6	50	0.22	38	1.17
Yellow Thornbill	0.0026	-57	4.6	-6	4	-50	0.15	-58	1.75
Satin Flycatcher	0.0026	8	7.7	17	5	25	0.26	30	1
Brush Cuckoo	0.0011	175	3.1	94	3	200	0.11	175	1
Grey Butcherbird	0.0011	38	3.1	-6	3	50	0.11	38	1
Australasian Grebe	0.0007	N/A	1.5	N/A	1	N/A	0.04	N/A	2
White-necked Heron	0.0007	-56	3.1	-37	2	-50	0.07	-56	1
Cattle Egret	0.0007	-96	1.5	-55	2	-50	0.07	-56	1
Australian Owllet-nightjar	0.0007	N/A	1.5	N/A	2	N/A	0.07	N/A	1
European Greenfinch	0.0007	N/A	1.5	N/A	2	N/A	0.07	N/A	1
Golden-headed Cisticola	0.0007	N/A	1.5	N/A	1	N/A	0.04	N/A	2

Table 1. (continued)		N/A	1.5	N/A	1	N/A	0.04	N/A	2
Bassian Thrush	0.0007								
Cockatiel	0.0004	-75	1.5	-55	1	-75	0.04	-75	1
Little Lorikeet	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	1
Superb Parrot	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	1
Barn Owl	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	1
Regent Honeyeater	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	1
Jacky Winter	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	1
Black-faced Monarch	0.0004	0	1.5	-6	1	0	0.04	0	1
Red-whiskered Bulbul	0.0004	N/A	1.5	N/A	1	N/A	0.04	N/A	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 survey includes visits to three locations at Lake Bathurst and to two locations at Lake George. Surveys were not completed at all locations at Lake Bathurst in August, February, March, April, May and June and at Lake George in July and August. Altogether 1464 records involving 110 species were received for the year.

The two-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 of 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 Bathurst and Lake George are shown in Table 2.

c) Miscellaneous Records

This category of records includes all observations from the Canberra region that were not collected specifically for the Waterbird or Garden Bird Surveys.

In addition to storing the records of specific surveys, the COG Database of Bird Observations includes numerous records collected by members and other interested enthusiasts.

The miscellaneous records form the bulk of the year's data and so represent an important source for the information COG needs to pursue its objective of promoting the conservation of our native birds and their habitat. For the year 1992-93 there were 8600 miscellaneous records involving 193 species

Acknowledgements

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

Mick Donohue and Tony Harding loaded Garden Bird Survey data from charts to disk. Philip Veerman provided invaluable assistance with Garden Bird Survey statistics. Paul Fennell and Andrew Newbery downloaded the data required for the compilation of this report.

The map of the Canberra region (Appendix 3, Map 1) and the diagram of the grid

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 (metres):</i>												
LBth	2.71	2.65	2.69	2.65	2.64	2.59	2.54	2.48	2.36	2.32	2.25	2.23
Morass	2.98	2.95	2.91	2.91	2.91	2.88	2.84	2.74	2.62	2.62	2.55	2.52
LGeo	2.43	2.40	2.51	2.49	2.53	2.47	2.48	2.41	2.32	2.31	2.23	2.23
<i>b) Number of waterbird species:</i>												
LBth	27	19	29	26	28	24	22	13	19	23	23	24
LGeo	14	16	22	22	26	17	20	25	20	26	26	25
<i>c) Number of waterbird individuals:</i>												
LBth	4907	3039	24258	10848	12142	9440	16232	<u>1886</u>	<u>15899</u>	<u>2044</u>	<u>4315</u>	<u>2779</u>
LGeo	777	845	2119	1847	1885	3320	2821	8126	10343	14281	7938	10975

system (Appendix 3, Map 2) were provided by Paul Sjöberg.

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 bird 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, '6/25 Mar Rose Lagoon GrU4 (LaB)', indicates 6 birds on 25 March at Rose Lagoon grid cell U4 and the observer was Brenda Lappski. 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(White-plumed Honeyeater)/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 may 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 1991-92.

Garden Bird Survey data are often 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 Table 2 and 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 summarised for all species in Table 1:

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 - 2711 hours 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 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 - 65 sites this year. If $F=26.2\%$ then a species has been recorded, at least once, at 17 sites (i.e. 26.2 per cent of the 65 sites).

W Number of weeks in the year for which a species has been recorded at any site. A resident species such as the Galah is present throughout the year, so $W=52$; whereas a migrant such as the Olive-backed Oriole, was only present for 32 weeks, i.e. $W=32$.

R 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, ie. 2711. For example, the Australian Magpie was recorded during 2280 of the weeks during which observations were made, thus $R = 84.10\%$.

G Average number of individuals of a species recorded in each observation. For example, the calculated G value for the Silver Gull is 61.15, 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 (1991-92) 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

- ad** adult
- ANBG** Australian National Botanic Gardens
- ANU** Australian National University, Acton
- Av** Avenue
- CBN** *Canberra Bird Notes*
- cf** carrying food
- Ck** creek
- co** copulation
- CSIRO** Commonwealth Scientific and Industrial Research Organisation. The abbreviation will be followed by the precise location, e.g. CSIRO Ginninderra
- di** display
- dy** dependent young
- E** East
- f** female
- GBS** Garden Bird Survey
- Gr** COG grid cell (number)
- Hs** Homestead
- Hwy** Highway
- ih** inspecting hollow
- imm** immature
- inc** inclusive
- juv** juvenile
- km** kilometre
- LBth** Lake Bathurst
- LBG** Lake Burley Griffin
- LGeo** Lake George
- LGin** Lake Ginninderra
- LTug** Lake Tuggeranong

m male
max maximum
Misc miscellaneous (records)
Mt/Mtn Mount/Mountain
N North
n nest with eggs or young
nb nest building
ne nest with eggs
NP National Park
nr near
NR Nature Reserve
ny nest with young
on bird on or observed leaving nest
Pk Park
R River
Ra Range
Rd/rd Road
S South
SF State Forest
UNIC University of Canberra, Bruce
unsp unspecified
W West
WBS Waterbird Survey
wk week

Status

Abundance

C Common
R Rare
U Uncommon

Breeding/Presence

B Breeding
E Escapee
M Migrant
R Resident
Va Vagrant
Vi 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.

AbD Abigail, Doug
AJR Allen, Julia & Richard
AIB Allan, Barbara
AIJ Allen, Julia
AIR Allen, Richard
AnF Antram, Frank
An! Anderson, Ian
AsM Aston, Margaret
AvJ Avery, John
BaJ Barr, Joe
BBG Browning, Betty & Graham
BeC Bennett, Catherine
BiJ Bissett, John
BoJ Bounds, Jenny
BrG Browning, Graham
BrM Brookfield, Muriel
BrW Brown, Wally
BuM Butterfield, Martin
CaJ Carnahan, June
CCR Cannon, C & R
ChV Chapman, Val
CIG Clark, Grahame
CIH Cliff, Ash
CIM Clayton, Mark
CoD Cowley, Del
CrI Crawford, Isobel
DaB Daly, Barbara
DaC Davey, Chris
DCM Dow, Coral & Murray
DoM Doyle, Mike
DuG Duggan, Geoff
FeP Fennell, Paul
FIB Fletcher, Brian
FrI Fraser, Ian
FyM Fyfe, Malcolm
GeJ Geue, Jean
GIJ Gleeson, John
GoT Gourlay, Tony
GrB Graham, Bill
Haj Holland, Andrea & Jack

HaK	Hahne, Kay	MuP	Muller, Pat
HaR	Harvey, Roy	NiA	Nicholls, Nick
HaS	Hamonet, Sue	NiJ	Nicholls, James
HeE	Header, Eleanor	OIH	Oldham, Hugh
HoB	Horrigan, Bill	OrM	Ormay, Mary
HoJ	Hone, Jim	PaN	Payne, Nick
HuG	Hunter, Glen	PeS	Pell, Stuart
JaG	James, Glenda	PfD	Pfanner, David
JoD	Johnson, Delia	PrJ	Price, Joan
KrS	Kral, Shirley	PuD	Purchase, David
LaC	Lane, Caroline	ReD	Rentz, David
LaM	Larkin, Matthew	ReR	Rehwinkel, Rainer
LaT	Lally, Terena	RoC	Rowell, Cecily
LeB	Lepschi, Brendan	SBD	Sledge, Bess and David
LeM	Lenz, Michael	ScF	Schlager, Felix
LiB	Lindenmayer, Bruce	ScG	Schoefl, Gutta
LiH	Linacre, Helen	StM	Stanger, Malcolm
LiM	Lintermans, Mark	TaM	Taylor, McComas
LoE	Longley, Eva	TeJ	Tennant, Jim
LuN	Luff, Noel	ThR	Thomas, Richard
MaD	Magrath, David	TrE	Truswell, Elizabeth
MaK	Mallett, Katy	TSR	Thomas, Richard and Sarah
MaW	Martin, Warren	VeP	Veerman, Philip
McA	McKenzie, Ann	WAH	Wright, Allan and Hazel
McD	McDonald, David	WeS	Webb, Sue
McG	McVeigh, Geoff	WhB	Whitworth, Benjamin
McI	McMahon, Ian	WhP	Whittington, P A
McR	McLachlan, Reid	WiS	Wilson, Steve
MoM1	Moncur, Mike	WoD	Wood, Don
MoM3	Moffat, Martyn	WrH	Wright, Hazel
MoR	Morphett, Rod		

Appendix 2. Systematic List

EMU

Emu *Dromaius novaehollandiae* U.BR
Misc: 2/16 Nov Paddys River Rd GrG17 (FyM), 1/28 Dec W shore LBth GrX8 (LeB).

QUAILS

Stubble Quail *Coturnix pectoralis* U.BR
WBS: 3 records from LBthE GrY8 (all LeM) — 5/1 Dec, 3/28 Dec, 5/24 Jan.
Misc: B/1 Jan Uriarra Rd GrG13 (FyM), A/9 May Property on Lade Vale Rd GrK4 (McR).

Brown Quail *Coturnix ypsilophora* R.BVi
Misc: 4/26 Mar LGin, E side GrJ12 (BuM), 8/23 May Muntoonen Ra GrI3 (McR).

GEESE

Domestic Goose *Anser anser*
Misc: Geese recorded for a second consecutive year from Jerrabomberra Wetlands — 20/23 Nov Jerrabomberra backwaters GrL14 (LiM), 10/4 Apr Kellys Swamp GrL14 (McI).

SWAN AND DUCKS

Blue-billed Duck *Oxyura australis* R.BVi
WBS: Recorded only at LBth. Numbers in winter and spring continued last year's high figures before dropping to low numbers from Nov onwards:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	30	32	24	31	3	0	5	0	5	0	0	0

Misc: 1/8 Feb Rose Lagoon GrU4 (HuG).

Musk Duck *Biziura lobata* U.BR
WBS: Recorded only at LBth. Although down on last year, numbers remain high. Max Sep, Oct:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	50	33	105	104	75	44	48	0	38	X	46	36

Misc: 10 records — 2/28 Jul and 1/4 Aug dam at CSIRO Ginninderra GrJ11 (GIJ), 4/3 Aug and 3/8 Nov Rose Lagoon GrU4 (FyM), 1/14 Oct Acacia Inlet GrK13 (LiM), 6/8 Nov Wollgorang Lagoon GrU3 (FyM), 3/24 Mar western foreshores Googong GrO17 (HuG), 6/9 Apr large farm dam 2.5 km E of Murrumbateman GrJ6 (FyM), 1/13 Jun and 2/22 Jun LGin Gr J12 (PuD, AnF).

Freckled Duck *Stictonetta naevosa*

U.Vi

WBS: LBth — numbers and frequency down on previous year. LGeo — absent Oct to Apr followed by an unusually large influx of birds in May and Jun (see also Davey and Fullagar 1995):

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	1	7	26	5	0	5	0	0	0	5	0
LGeo	2	8	99	0	0	0	0	0	0	0	728	660

Misc: 6 records — 5/26 Jul Jerrabomberra Wetlands GrL14 (McI), 1/28 Jul dam at CSIRO Ginninderra GrJ11 (G1J), 7/1 Aug Jerrabomberra Wetlands GrL14 (McD), 5/23 Aug Lake Rd to Wattle Pt GrR11 (FyM), X/5 Jun SW end LGeo GrR11 (FyM), 12/5 Jun Lake Rd GrR11 (WrH).

Black Swan *Cygnus atratus*

C.BR

GBS: Recorded from 2 sites: 1/1wk Jul Barton GrL14 (AJR) and 14 reports of up to 5 birds in Acton GrK13 (PeS).

WBS: LBth — numbers built up in spring and early summer to a max in Oct which was the largest at this site since Oct 1982 when 4306 were recorded. LGeo — numbers built up through the year to a max in May which was the largest at this site since Oct 1979 when 1284 were recorded:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	298	371	2467	2592	2230	1634	2172	870	200	76	397	392
LGeo	75	105	412	881	930	1058	1183	1631	1663	1890	2515	1456

Misc: 35 records from Canberra and areas to the north. 7 records of dependent young in Jul, Nov, Jan, Feb and Apr at Jerrabomberra Wetlands GrL14, and Oct at Acacia Inlet LBG GrK13.

Australian Shelduck *Tadorna tadornoides*

C.BR

WBS: LBth — present most months with a peak in Jan which is the largest at this site since Apr 1986 when 726 were recorded. LGeo — present most months with a peak in Dec which is the largest at this site since Nov 1984 when 1870 were recorded during an incomplete survey.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	53	0	6	12	296	400	600	22	66	4	2	3
LGeo	85	60	0	36	162	1278	310	1006	710	756	334	12

Misc: 8 records from Lake Rd GrR11 and GrR12, 4 records from Jerrabomberra Wetlands GrL14 and 6/8 Nov Wollgorang Lagoon GrU3 (FyM), 1/20 Nov Bendora Dam GrD18 (LiM), 2/27 Nov farm dam off Bungendore to Gundaroo rd GrQ 11 (FyM).

Australian Wood Duck *Chenonetta jubata*

C.BR

GBS: Recorded throughout the year from 13 sites. The measure of abundance increased markedly this year ($A=0.4747$) largely as a result of regular sightings of up to 60 birds from

a site in Acton GrK13 (PeS) from which data had not been previously collected. The figures for all other variables also increased. 10 breeding records n/2wk,3wk,4wk Sep, dy/lwk,3wk Oct, n/5wk Oct, n/lwk,2wk,3wk Nov all Yarralumla GrK14 (CCR), and dy/2wk Oct, dy/2wk Nov both Acton GrK13 (PeS).

WBS: Seasonal pattern of occurrence at both lakes similar to previous years. LBth — numbers up on previous year but not as high as in 1990-91. LGeo — overall numbers slightly down on previous year.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	1	0	5	11	170	7	137	X	27	0
LGeo	0	0	2	2	2	0	20	60	183	37	170	20

Misc: 133 records from many parts of the region. 6 breeding records — ih/12 Jul ANBG GrK13 (BuM), ih/Bruce Ridge to Gossan Hill GrK13 (BuM), dy/25 Oct Black Mtn and ANU GrK13 (McI), dy/17 Nov Freshford Rd and Tidbinbilla Rd GrI17 (FyM), dy/25 Nov Jerrabomberra backwaters GrL14 (LiM), dy/28 Feb LGin GrJ12 (McI).

Mallard *Anas platyrhynchos*

Misc: 5 records, all of which are considered to be escaped or released domestic ducks — 5/15 Oct Molonglo Rat Burbong Bridge GrP15 (LiM), 1/29 Oct, 2/22 Nov, 2/29 Nov, 1/23 Feb all Jerrabomberra Wetlands GrL14 (JoD, NiJ, McI, LiM).

Pacific Black Duck *Anas superciliosa* •

C.BR

GBS: 53 records from 7 sites. 1 breeding record — dy/5wk Jan Bruce GrK13 (BuM).

WBS: LBth — numbers continue the downward trend of the previous year. LGeo — summer numbers lower than previous years, but those in late summer through to early winter show an increase:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	38	16	13	15	43	48	106	0	33	X	20	81
LGeo	0	1	12	7	27	52	54	420	63	364	277	404

Misc: 112 records from many parts of the region. 11 breeding records — ne/20 Sep W of Coppins Crossing GrI13 (BuM), dy/I 1 Oct Commonwealth Pk GrL14 (McI), dy/25 Oct Black Mtn and ANU GrK13 (McI), dy/1 Nov LGin GrJ12 (BuM), dy/18 Nov Bendora Dam GrD17 (LiM), dy/23,24,28,29 Nov all Jerrabomberra Wetlands GrL14 (LiM, AnF, McI), dy/11 Jan Lake Rd GrR11 (HuG), dy/23 Feb Jerrabomberra Wetlands GrL14 (LiM).

Australasian Shoveler *Anas rhynchotis*

C.BVi

WBS: LBth — the increase in numbers has continued from last year and Mar is the highest recorded for this site (the previous was 1605 in Feb 1983). LGeo — numbers similar to last year with a marked peak in autumn:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	148	191	527	98	393	443	3785	318	5300	970	970	133
LGeo	0	6	1	3	17	200	19	170	612	382	535	152

Misc: 13 records from Jerrabomberra Wetlands GrL14, 3 records from Lake Rd, LGeo GrR11, 3 records from dam at CSIRO Ginninderra Grill, and 2/23 Aug LGeo GrJ12 (G1J), 9/23 Aug Bungendore including sewage ponds GrS 13 (FyM), 7/29 Aug Gundaroo Rd GrM10 (BuM), 1/17 Sep large dam Mulligans Flat GrL11 (LiM), 3/13 Jun LGeo GrJ12 (PuD).

Grey Teal *Anus gracilis* C.BR

WBS: LBth — overall numbers down on previous years except for the max in Mar. LGeo — the low numbers from mid-spring to mid-summer were followed by an increase to more usual totals
totals:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	140	91	416	167	300	113	515	22	1522	X	57	133
LGeo	360	380	780	3	19	55	62	2050	3877	3962	2475	3000

Misc: 43 records from many parts of the region. 2 breeding records — dy/14 and 23 Feb Jerrabomberra Wetlands GrL 14 (McI, LiM).

Chestnut Teal *Anas castanea* C.BR

WBS: LBth — overall numbers similar to last year with peaks in Jan and Mar. LGeo — few present until late autumn and early winter:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	136	33	155	178	230	78	353	<u>215</u>	<u>284</u>	<u>158</u>	<u>146</u>	69
LGeo	0	0	6	0	2	5	8	71	20	255	253	193

Misc: 5 records from LGeo and vicinity GrR11 and GrR12, including 4/12 Jul and 2/8 Aug both from a farm dam on Lake Rd GrR12 (FeP, BuM), 7 records from Jerrabomberra Wetlands GrL 14, and 2/23 Aug Bungendore including sewage ponds GrS 13 (FyM), 2/5 Sep Yaouk to Adaminaby Rd GrC29 (FyM), 2/6 Oct Tarago to Lake Bathurst GrX8 (NiJ).

Pink-eared Duck *Malacorhynchus membranaceus* C.Vi

WBS: LBth — present in variable numbers from Jul to Jan, with a peak in Sep, then largely absent except for an influx in Mar. LGeo — largely absent from Nov to Mar.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	143	<u>137</u>	972	250	52	50	420	0	<u>410</u>	0	2	0
LGeo	60	65	193	106	0	7	0	2	0	49	156	495

Misc: 7 records from Jerrabomberra Wetlands GrL14, 5 records from Lake Rd GrR11 and GrR12, and 9/23 Aug Bungendore including sewage ponds GrS13 (FyM), 2/8 Nov Wollongorang Lagoon GrU3 (FyM).

Hardhead *Aythya australis*

U.BVi

WBS: LBth — present in variable numbers throughout most of the year with a marked peak in Mar which is the largest number recorded from this site (the previous highest was 375 in Oct 1985). LGeo — absent except for 2 in May:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	40	<u>173</u>	67	76	3	8	4	0	<u>567</u>	5	18	77
LGeo	0	0	0	0	0	0	0	0	0	0	2	0

Misc: 4 records from dam at CSIRO Ginninderra GrJ11, 4 records from Jerrabomberra Wetlands GrL14, and 3/23 Aug silt trap Drakeford Dr GrJ17 (LeB), 10/29 Aug Gundaroo Rd GrM10 (BuM), 1/17 Sep large dam Mulligans Flat GrL11 (LiM), 3/27 Nov farm dam off Bungendore to Gundaroo rd GrQ11 (FyM), 2/5 Jun Lake Rd GrR11 (FyM).

GREBES**Australasian Grebe** *Tachybaptus novaehollandiae*

C.BR

GBS: 2/4wk May Acton GrK13 (PeS).

WBS: The numbers reported have continued to fall since the high numbers reported in 198889 and 1989-90, although this year's total for LGeo, because of the Nov and Mar figures, is slightly larger than last year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	0	0	0	0	0	0	3	0	0	0
LGeo	0	0	0	0	45	0	0	2	10	5	4	0

Misc: 56 records from 28 grid cells in all months except Jan; largest numbers CSIRO Ginninderra GrJ11 80/4 Aug, 70/28 Jul, 60/29 Jul (all GIJ), and 69/13 Mar Jerrabomberra Wetlands GrL14 (BuM); remainder <51 individuals.

Hoary-headed Grebe *Poliiocephalus poliocephalus*

C.BR

WBS: Although a little lower than last year, numbers reported for LBth remain high; those for LGeo continue to fall from the high numbers of 1989-90:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	98	<u>237</u>	1830	1482	<u>1864</u>	<u>1855</u>	2289	<u>174</u>	<u>1860</u>	89	<u>329</u>	<u>331</u>
LGeo	0	3	22	0	30	5	0	79	98	21	13	7

Misc: 23 records from 12 grid cells in all months except Sep, Jan and Feb; largest 25/4 Aug CSIRO Ginninderra GrJ11 (GU); all others <21 individuals.

Great Crested Grebe *Podiceps cristatus*

U.BR

WBS: Numbers reported have fallen from last year's unusually high figures but the pattern of low numbers during the colder months remains the same:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	8	2	4	16	39	16	65	0	0	5	0	0

DARTER, CORMORANTS AND PELICAN

Darter *Anhinga melanogaster*

U.BR

WBS: Only from LGeoN GrR6 — 3/27 Nov (BrG), 1/24 Feb (FyM), 1/28 Apr (FyM).

Misc: 10 records from 6 grid cells; 7 were single birds from LBG, Jerrabomberra Wetlands, and LGin; others were 1/5 Jul Sullivans Ck GrK13 (DCM), 4/8 Nov Wollogorang Lagoon GrU3 (FyM), 1/3 Jun nr Southwells Crossing GrI13 (JoD).

Little Pied Cormorant *Phalacrocorax melanoleucos*

C.BR

GBS: 16 records from sites in Evatt GrJ12 (LaM), Acton GrK13 (PeS), Curtin GrJ14 (AJR) in Jul, Aug, Sep, Oct, Apr, May; largest 5/1wk May Evatt.

WBS: Numbers sharply down on last three years and lowest since 1987-88 when none were reported from LBth (the main basin was dry) and LGeo (which had a low water level and was not surveyed):

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	12	0	1	0	0	0	0	0	2	30	0	0
LGeo	0	0	1	0	4	7	0	4	22	1	0	0

Misc: 33 non-breeding records from 18 grid cells (compared with 81 from 29 cells in 1991-92) in all months except Dec; all <21 individuals. 1 breeding record — on/27 Nov Farm dam off Bungendore—Gundaroo rd GrQ11 (FyM) (4 birds were present at the time of this observation).

Little Black Cormorant *Phalacrocorax sulcirostris*

C.BR

GBS: 15 records in all months from Jul to Jan from a site in Acton adjacent to LBG GrK13 (PeS); largest 5/4wk Sep.

WBS: Numbers lowest since 1988-89, but the fall not as marked as in the previous species:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	1	0	0	0	2	2	2	0	0	0	0	0
LGeo	0	0	0	0	15	0	4	19	0	1	3	0

Misc: 30 records from 10 grid cells in all months except Dec; largest 50/8 Nov Wollogorang Lagoon GrU3 (FyM) all others <16 individuals.

Great Cormorant *Phalacrocorax carbo*

C.BR

GBS: 14 records of 1 to 3 birds from sites in Kambah GrJ16 (WiS), Kambah GrI16 (WAH), Barton GrL14 (AJR), Acton GrK13 (PeS) in Jul, Aug, Sep (7 records), Oct, Dec, Jan, Apr.

WBS: Numbers and seasonal distribution similar to last year:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	2	0	0	0	0	0	4	0	6	0	0	0
LGeo	2	4	29	7	8	16	5	1	7	2	0	0

Misc: 22 records from 13 grid cells; no records Mar, Apr, May, Jul; largest 6/8 Nov Wollogorang Lagoon GrU3 (FyM), 5/1 Nov LGin GrJ12 (BuM).

Australian Pelican *Pelecanus conspicillatus*

C.Vi

GBS: 24 records from 8 sites in all months except Feb, Mar; largest 7/5wk Jul Kambah GrJ16 (WiS).

WBS: Numbers at LGeo have sharply increased and are the highest since 1980-81, whereas numbers have declined at LBth since last year's high figures; the seasonal distribution at LGeo is similar to previous years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	1	0	0	2	2	0	0	0	0	19	0	0
LGeo	1	2	227	299	312	323	182	207	42	66	41	56

Misc: 38 records from 9 grid cells in all months; 31 came from urban lakes and their environs in Canberra; largest 28/10 Oct and 28/28 Nov Jerrabomberra Wetlands GrL14 (AnF).

HERONS, EGRETS AND BITTERNS**White-faced Heron** *Egretta novaehollandiae*

C.BR

GBS: 76 records from 16 sites in all months with some unusually large numbers — 9/5wk Apr, 11/1wk May, 15/2wk May all from a site in Curtin GrJ14 (AJR), and 9/4wk Jun Melba GrJ12 (MoM1).

WBS: All numbers from LBth are down on the previous year, whereas those from LGeo are down in winter and spring but show a small rise in late summer and autumn although they are well below the figures for 1988 to 1991:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	2	0	1	0	1	0	2	1	13	6	2	2
LGeo	0	1	20	5	7	11	21	70	69	12	7	3

Misc: 85 records from 39 grid cells in all months; seasonal distribution — spring (28 records), summer (13), autumn (24), winter (20); 72 records were of 1 or 2 birds; largest 10/4 Apr Kellys Swamp GrL14 (McI), 8/2 May N Curtin playing fields GrJ14 (AvJ).

White-necked Heron *Ardea pacifica*

U.Vi

GBS: 1/1wk Jul Curtin GrJ14 (MoM3), 1/1wk Oct Acton GrK13 (PeS).

Misc: 9 records — 1/29 Jul CSIRO Ginninderra GrJ11 (GJ), 1/16 Aug Dingo Dell GrE12 (BuM), 1/11 Sep nr junction Sutton Rd and Pialligo Av GrN14 (ScG), 1/20 Sep Captains Flat mainline railway junction GrS21 (C1G), 1/13 Oct Horse Park wetland GrL10 (LiM), X/15 Oct Burbong Bridge GrP15 (LiM), 2/8 Nov Wollongorang Lagoon GrU3 (FyM), 1/6 Dec Mulligans Flat GrL10 (BoJ), 2/20 Jan nr HMAS Harman GrM15 (LiM).

Great Egret *Ardea alba*

U.Vi

All numbers down on the previous year.

WBS: Only one record — 1/27 May LGeoN GrR6 (FyM).

Misc: 7 records (compared with 16 last year); four were of 1 or 2 birds from Jerrabomberra Wetlands and Kellys Swamp in Mar, Apr and Jun; others were 1/30 Oct Cotter Flats GrD22 (LiM), 7/8 Nov Wollongorang Lagoon GrU3 (FyM), 1/9 May 10.5 km N of Gundaroo GrN5 (LeB).

Intermediate Egret *Ardea intermedia* R.Vi
Misc: 1/4 Apr Jerrabomberra Wetlands GrL14 (BiJ).

Cattle Egret *Ardea ibis* U.Vi
 All numbers down on the previous year.

GBS: 2 records of single birds — 1/4wk May, 1/1wk Jun both Curtin GrJ14 (AJR).

WBS: 6/29 Mar LGeoS GrR11 (LeM).

Misc: 21 records from six grid cells; no records from late Oct to late Mar; 5 records from Melba District playing fields (GrJ12) of up to 5 egrets feeding during the winter of 1992 (last seen 6 Aug) often in the company of Straw-necked Ibis (see COG 1993, 1996 for previous records from this site) (PuD); largest 10/10 Oct, 19/24 Apr, 19/25 Apr all Jerrabomberra Wetlands GrL14 (AnF, BuM).

Nankeen Night Heron *Nycticorax caledonicus* U.Vi
Misc: 1/15 Oct Burbong Bridge GrP15 (LiM), 1/24 Oct Lake Rd GrR11 (AnF), 7/8 Nov Wollogorang Lagoon GrU3 (FyM).

IBISES AND SPOONBILLS

Australian White Ibis *Threskiornis molucca* C.BR

GBS: 20 records from 11 sites in Kambah GrI16 and GrJ16, Pearce GrK15, Fisher GrJ15, Curtin GrJ14 and J15, Barton GrL14, Cook GrJ13, Evatt GrJ12 in Aug, Dec, Jan, Apr, May, Jun; largest 11/1wk May Curtin GrJ15 (AJR), 10/1wk Aug Pearce GrK15 (KrS).

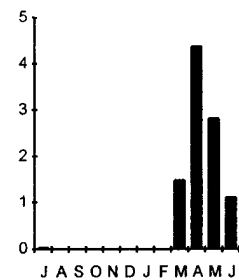
WBS: Unusually large numbers at LBth in autumn and early winter, 61 is the largest recorded since surveys began there in 1979-80 (the previous was 35 in Mar 1990); numbers at LGeo up slightly on last year but still well below those of earlier years:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	5	2	1	4	2	0	0	0	0	61	17	12
LGeo	0	0	0	31	13	6	25	24	0	0	1	1

Misc: 16 non-breeding records from 11 grid cells in Oct, Nov, Dec, Apr, May, Jun; largest . 80/16 May Shepherds Lookout to Sturt Island GrH12 (BoJ), 12/25 Nov Jerrabomberra backwaters GrL14 (LiM). 1 breeding record — on/27 Nov Farm dam off Bungendore—Gundaroo rd GrQ11 (FyM) (30 birds were present at the time of this observation).

Straw-necked Ibis *Threskiornis spinicollis* C.Vi

GBS: 79 records from 18 sites, 78 from the cooler months Jul, Aug, Sep, Apr, May, Jun; unlike the previous two years, when most records came from Weston Creek (COG 1996), this year they were more widespread, although largely confined to the southern suburbs, Tuggeranong (22 records from 2 sites), Woden (28 from 7) and Weston Creek (24 from 5), Belconnen (5 from 4); largest 60/4wk May Curtin GrJ14 (AJR), 53/5wk Apr Fisher GrJ15 (BiJ).



December 1997

WBS: Numbers continue to be low:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	1	13	0	0	0	0	0	0	2	1	4
LGeo	0	0	0	0	7	0	1	1	0	40	0	30

Misc: 30 records from 10 grid cells; all from the cooler months Jul, Aug, Apr, May, Jun; 13 records from Melba District playing fields GrJ12 (PuD) of up to 48 ibises feeding during the winters of 1992 (often in the company of Cattle Egrets) and 1993, also recorded from playing fields at Telopea Pk GrL14 (DoM), Weston GrJ15 (LeB), Chifley GrJ15 (BrW), N Curtin GrJ14 (AvJ), S Curtin GrJ14 (AvJ); largest 76/12 May Chifley oval GrJ15 (BrW).

Royal Spoonbill *Platalea regia*

U.Vi

WBS: There has been a fall from the high numbers recorded over the past three years and no records from LBth:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LGeo	0	0	3	28	5	8	1	10	4	4	0	1

Misc: 7 records — 1/24 Oct Kellys Swamp GrL14 (McD), 1/23 and 25 Nov Jerrabomberra backwaters GrL14 (LiM), 3/28 Nov, 1/29 Nov, 2/25 Apr all Jerrabomberra Wetlands GrL14 (AnF, McI), 4/8 Nov Wollongorang Lagoon GrU3 (FyM).

Yellow-billed Spoonbill *Platalea flavipes*

U.Vi

WBS: There has been a fall from the high numbers recorded over the past three years (particularly at LGeo):

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	5	0	7	0	0	0	0	0	0	0	6	5
LGeo	0	0	4	4	1	0	0	1	0	0	1	2

Misc: 3 records (compared with 24 last year) — 18/23 Aug Lake Rd GrR11 (FyM), 6/8 Nov Wollongorang Lagoon GrU3 (FyM), 3/29 Apr Jerrabomberra Wetlands GrL14 (JoD).

KITES, HARRIERS, GOSHAWKS, EAGLES AND FALCONS

Black-shouldered Kite *Elanus axillaris*

U.BR

GBS: Records from 14 sites covering all months. One breeding record — n/4wk Jul to 3wk Aug Kambah GrI16 (WAH).

WBS: 1/26 Apr Lake Rd GrR11 (WrH).

Misc: 17 records. All months except January. One breeding record — nb/23 Aug Bungendore GrS 13 (FyM)

Whistling Kite *Haliastur sphenurus*

U.BR

WBS: The total number of birds (24) is down on 1991-92 (40), which was the highest during the past five years. LBth, unlike last year, dominates the number of reports.

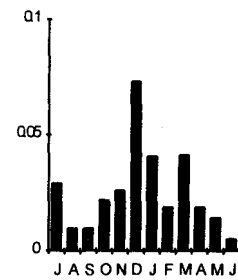
Misc: 6 reports of 7 birds. All observations associated with water from lakes to farm dams.

- White-bellied Sea-Eagle** *Haliaeetus leucogaster* U.BVi
WBS: 3 records, 4 birds at LGeo and 1 record at LBth.
Misc: 12 records including a record of nest building 31 May (DaC).
- Spotted Harrier** *Circus assimilis* R.Vi
Misc: 1/13 Mar Jerrabomberra Wetlands GrL14 (BuM).
- Swamp Harrier** *Circus approximans* U.BR
WBS: 18 records, 11 from LBth and 7 from LGeo.
Misc: 4 records from Rose Lagoon GrU4, Wollogorang Lagoon GrU3 and Jerrabomberra Wetlands GrL14.
- Brown Goshawk** *Accipiter fasciatus* U.BM
GBS: 17 records from 13 sites. Values down again after a slight rise in 1991-92.
Misc: 29 records of 1 or 2 birds, distributed throughout the region. 1 breeding record — on/8 Nov Campbell Pk GrM13 (AnF).
- Grey Goshawk** *Accipiter novaehollandiae* R.Vi
Misc: 5 records of single birds, two of them in urban areas — 2 Oct Aranda Bushland GrJ13 (WeS), 31 Jan Kaleen GrK12 (CIM), 20 Feb Hawker GrI13 (WhB), 3 Jun Southwells Crossing GrJ14 (JoD), 9 Jun Cotter Rd GrJ14 (ScF).
- Collared Sparrowhawk** *Accipiter cirrhocephalus* U.BM
GBS: 23 records from 11 sites.
Misc: 7 records of which 4 were within urban Canberra. 1 record of urban nest building — 14 Sep Woden GrK15 (VeP).
- Wedge-tailed Eagle** *Aquila audax* C.BR
GBS: 11 birds reported from 7 sites, consistent with records of recent years.
WBS: 4 records (7 birds) from LBth and 4 records (5 birds) from LGeo.
Misc: 39 records from 35 locations. 1 breeding record — on/23 Aug Lake Rd GrR11 (FyM).
- Little Eagle** *Hieraaetus morphnoides* U.BR
GBS: Records of 10 birds from 7 sites, fewer than 1991-92 (16 birds from 9 sites).
WBS: 9 records, 7 from LBth and 2 from LGeo.
Misc: 17 records from 17 locations. No breeding records.
- Brown Falcon** *Falco berigora* U.BR
GBS: 22 birds reported from 9 sites. Statistical values up from the lows of 1991-92 to about the levels of long-term average figures.
WBS: 12 records, 10 from LBth and 2 from LGeo.
Misc: 34 records of 42 birds. No records for Jul. 1 breeding record — on/6 Sep Old Boboyan Rd GrG26 (FyM).

Australian Hobby *Falco longipennis*

U.BM

GBS: Values up on 1991-92 and generally consistent with long-term average figures. Most sightings during Dec to Mar with peak in Dec. 1 breeding record — n/1wk Nov Turner GrL13 (BaJ). **Misc:** 13 records at 11 locations, 2 in urban areas. First 28 Sep, last 13 May.



Peregrine Falcon *Falco peregrinus*

U.BR

GBS: 9 records at 4 sites in Ainslie GrL13 (LeM), Barton GrL14 (AJR), Isabella Plains GrK 17 (TeJ) and Kambah GrJ16 (VeP).

WBS: 1/27 Nov LGeoN GrR6 (BrG), well down on the 13 sightings in 1991-92.

Misc: 6 records of 8 birds including — 3/16 May Uriarra Crossing GrG12 (BoJ).

Nankeen Kestrel *Falco cenchroides*

C.BR

GBS: Records all months except Jan and Feb. Although up on 1991-92 figures, values are still down by some 50% on average values for recent years.

WBS: 14 records from LBth and 4 from LGeo, covering all months except Nov and Feb.

Misc: 56 records totalling 67 birds. All months except Feb. 1 breeding record — on/29 Oct Yankee Hat track GrG25 (C1G).

RAILS AND WATERHENS

Australian Spotted Crake *Porzana fluminea*

R.BR

Misc: 1/28 Feb Kellys Swamp GrL14 (AnF)

Purple Swamphen *Porphyrio porphyrio*

C.BR

GBS: Recorded at one site in Acton, adjacent to LBG GrK13 (PeS), all months except Dec, 1 to 8 birds.

WBS: 4 records from LGeoN GrR6 — 2/2 Oct, 4/5 Jan, 1/28 Apr, 10/24 Jun.

Misc: 55 records covering all months except Dec. All from Canberra's urban lakes apart from 1 from Wollongorang Lagoon GrU3 and 2 from Rose Lagoon GrU4, including 88/3 Aug. 1 breeding record — dy/25 Nov Acacia Inlet GrK13 (LiM).

Dusky Moorhen *Gallinula tenebrosa*

C.BR

Misc: 57 records, all months except Dec. Most from Jerrabomberra Wetlands and urban lakes. Others — 1(15 Oct Molonglo R at Burbong GrP15 (LiM), 2/8 Nov Wollongorang Lagoon GrU3 (FyM), 1/11 Jun Frogs Hollow GrR30 (FyM). Breeding records — dy/23-25 Nov Jerrabomberra backwaters GrL14 (LiM), on/29 Nov Jerrabomberra Wetlands GrL14 (McI), dy/18 Jan Acacia Inlet GrK13 (LiM), dy/26 Jan and 14 Feb Jerrabomberra Wetlands GrL14 (McI).

Eurasian **Coot** *Fulica atra*

C.BR

GBS: Regularly recorded at a site in Acton above LBG GrK13 (PeS), Jul to Oct and Mar to Jun. Up to 40 birds.

WBS: LBth — after a significant increase in 1991-92 a return to numbers recorded in the previous two years. Notable max Sep. LGeo — down on 1991-92 numbers but still higher than earlier years. The Apr max is the highest monthly figure on record for the site:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	2561	1626	15810	3835	3462	1920	2726	89	2150	392	2200	720
LGeo	75	190	165	254	11	0	200	950	2600	6025	120	1720

Misc: 61 records covering all months. Most from urban lakes but also: CSIRO dam, Ginninderra GrJ11, Bungendore sewage ponds GrS13, Gundaroo Rd GrM10, Yaouk GrD26, nr Tarago GrX8, Wollongorang Lagoon GrU3, Farm dam GrQ11, Cooma Rd GrM18, and Frogs Hollow GrR30. No breeding records.

BUTTON-QUAIL

Painted Button-quail *Turnix varia*

R.BR

Misc: 1/10 Jan Mulligans Flat GrL10 (LeB), 1/31 Jan Black Mtn GrK13 (McI), 2/10 Apr Property off Lade Vale Rd GrK4 (FyM), X/29 May Campbell Pk GrM13 (MuP), 1/25 Jun Mt Majura GrM12 (GoT).

SANDPIPERS AND ALLIES

Latham's Snipe *Gallinago hardwickii*

U.M

Misc: 24 records, Jul to Nov, Jan and Feb, 14 from Jerrabomberra Wetlands. Others — 3/8 Sep and 5/20 Jan nr HMAS Harman GrM15 (LiM), 1/9 Sep, 1/14 Oct and 2/18 Jan Acacia Inlet GrK13 (LiM), 14/17 Sep and 16/13 Oct Horse Park wetland GrL10 (LiM), 2/17 Sep Mulligans Flat GrL11 (LiM), 1/18 Oct Gundaroo Rd GrM10 (BuM), 1/24 Oct McKellar GrJ12 (GU) and 1/14 Mar Grassy Ck area GrH28 (DoM).

Marsh Sandpiper *Tringa stagnatilis*

R.Va

Addendum: 1991-1992 Annual Bird Report (CBN 21(4): p. 94) — WBS: Add — '3/22 Dec LBthW GrY8 (CrI)'.
WBS: 4/20 Feb LBthW GrY8 (CrI).

Misc: 1/8 Aug Dam on Lake Rd GrR12 (BuM).

Common Greenshank *Tringa nebularia*

R.Vi

WBS: 1/28 Dec LBthW GrY8 (LeM).

Wood Sandpiper *Tringa glareola*

U.Va

Misc: 1/16 Mar Kellys Swamp GrL14 (FIB).

Red Knot *Calidris canutus*

R.Vi

WBS: First record since Sep 1986 — 3/1 Oct LBthE GrY8 (LeM).

Red-necked Stint *Calidris ruficollis*

U.Vi

WBS: LBth — numbers greater than recent years. LGeo — 1 record Jun:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	46	88	109	183	240	0	177	11	0	5
LGeo	0	0	0	0	0	0	0	0	0	0	0	3

Pectoral Sandpiper *Calidris melanotos*

R.Vi

WBS: 3 records from LBthE GrY8 — 2/1 Dec, 1/28 Dec, 1/29 Mar (all LeM).

Sharp-tailed Sandpiper *Calidris acuminata*

C.M

WBS: LBth — first records in Sep, consistent with the past three years. No winter records.

LGeo — present only Nov, Jan and Apr:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	132	15	77	108	0	0	75	0	0	0
LGeo	0	0	0	0	8	0	20	0	0	37	0	0

Misc: 1/10 Oct Jerrabomberra Wetlands GrL14 (AnF), 2/16 Oct Kellys Swamp GrL14 (MoM3).

Curlew Sandpiper *Calidris ferruginea*

U.Vi

WBS: Recorded at LBth only. Small numbers Sep to Dec and Mar. No winter records:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	9	5	8	4	0	0	1	0	0	0

Buff-breasted Sandpiper *Tryngites subruficollis*

R.Va

WBS: First record for the Canberra region — 1/7 to 16 Jan and 27 Feb LBthE GrY8 (ThR, LeM).

STILT AND AVOCET**Black-winged Stilt** *Himantopus himantopus*

U.BVi

WBS: An increase in numbers at LBth but numbers down at LGeo. Max again late summer early autumn:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	7	0	25	36	56	40	70	88	59	36	10	9
LGeo	10	9	30	6	2	4	26	90	86	135	42	52

Misc: 6 records Jul, Aug, Oct and Jun, all in vicinity of LGeoS GrR12, 6 to 12 birds.

Red-necked Avocet *Recurvirostra novaehollandiae*

U.Vi

WBS: 1/26 Jul LGeoS GrR11 (LeB), 12/2 Oct LGeoN GrR6 (LeM).

Misc: 4 records of single birds all at LGeoS GrR12 — 12 Jul (FeP), 19 Jul (ReR), 1 Aug (ReR), 8 Aug (BuM) and 11/22 Jun LGeoN GrR6 (FyM).

PLOVERS, DOTTERELS AND LAPWINGS

Pacific Golden Plover *Pluvialis fulva*

R.Vi

WBS: Recorded only at LBth. Numbers down. Usual pattern of spring/summer records:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	0	0	6	1	0	11	0	0	9	0	0	0

Red-capped Plover *Charadrius ruficapillus*

C.BR

WBS: LBth — present all months, max again Mar. Numbers well down on previous years at LGeo:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	160	26	58	117	252	287	155	4	<u>403</u>	39	11	11
LGeo	0	0	5	15	33	0	0	1	0	45	62	121

Double-banded Plover *Charadrius bicinctus*

U.Vi

WBS: LBth — Following increasing numbers Apr, May, Jun 1991-92 a notable high count in Jul, then absent again until Mar—Jun, when numbers were lower than last year. LGeo — 1 record only:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	241	0	0	0	0	0	0	0	93	0	6	14
LGeo	0	0	0	0	0	0	0	0	0	0	1	0

Black-fronted Dotterel *Elseyaornis melanops*

U.BR

WBS: Present in small numbers except during summer months:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	4	8	3	2	3	0	0	0	10	29	3	1
LGeo	17	5	7	1	0	0	0	0	3	7	11	10

Misc: 26 records covering all months except Dec. Principally from Jerrabomberra Wetlands and LGeoS. Others from Naas Ck GrJ22 (BrM), Smiths Rd Reserve GrJ19 (HuG), Kambah GrI16 (WrH) and farm dam in GrI13 (FyM).

Red-kneed Dotterel *Erythrogonys cinctus*

U.Vi

WBS: Very few records with most again at LGeo:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	2	0	0	0	2	0	0	0	1	0	0	0
LGeo	6	2	7	0	0	0	0	0	0	23	26	30

Misc: 4 records, 1 to 8 birds, in Jul, Aug and Oct, from Lake Rd GrR12 and Jerrabomberra Wetlands.

Banded Lapwing *Vanellus tricolor*

R.BVi

WBS: 3 records from LBthE GrY8 (all LeM) — 4/27 Oct, 7/1 Dec and 6/29 Mar.**Masked Lapwing** *Vanellus miles*

C.BR

GBS: Values of abundance and distribution consistent with those of recent years. Records for all months with most concentrated between Oct and Jan.**WBS:** Recorded all months at both sites. Numbers somewhat greater than previously with peaks from Dec to Mar:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	38	42	44	73	83	77	104	10	<u>152</u>	64	38	25
LGeo	18	4	59	89	103	165	249	351	198	79	28	42

Misc: 96 records covering all months and widely distributed across the region. Largest counts from LGeoS GrR11 and Jerrabomberra Wetlands GrL14. 4 breeding records — on/11 Aug Anzac Pde GrL13 (TaM), dy/19 Sep Deua NP GrZ30 (MoM3), dy/13 Oct nr HMAS Harman GrM15 (LiM), on/25 Oct Googong foreshores GrN17 (AnI).**GULLS AND TERNS****Silver Gull** *Larus novaehollandiae*

C.BR

GBS: Reported from seven sites with the bulk of records coming from three sites in Holt (close to Belconnen tip), Evatt (close to LGIN) and Acton (above the shores of LBG). All values are significantly higher as a result of records received from the Acton site where birds were recorded for 48 weeks, with more than 100 birds on 8 occasions. A=1.5338, F=10.8%, W=49, R=2.51%, G=61.15.**WBS:** LBth — recorded all months with peak Nov to Jan. LGeo — absent only Aug when LGeoN was not surveyed:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBth	683	17	1505	1606	2540	2100	2391	65	<u>660</u>	48	2	15
LGeo	65	0	35	53	109	120	427	905	70	81	132	74

Misc: 32 records, almost all from Canberra's urban lakes and environs.**Whiskered Tern** *Chlidonias hybridus*

R.Vi

WBS: 3/2 Oct LGeoS GrR11 (LeM), 3/8 Nov LGeoN GrR6 (BrG), 7/27 Nov LGeoN GrR6 (BrG).**Misc:** 2/18 Oct Jerrabomberra Wetlands GrL14 (AnF), 4/8 Nov Wollongorang Lagoon GrU3 (FyM).**PIGEONS AND DOVES****Rock Dove** *Columba livia*

C.BR

GBS: Records from 30 sites and covering all months of the year. Abundance down on 1991-92 but other values steady at earlier levels. 2 breeding records — nb/4wk Aug Barton GrL14 (AJR), ny/4wk Jun Curtin (AJR).

Misc: 30 records, of which only one was outside the Canberra suburban area - 1/23 Aug Lake Rd GrR11 (FyM). Breeding record - ny/22 Nov Campbell Pk GrM13 (TaM).

Common Bronzewing *Phaps chalcoptera*

U.BR

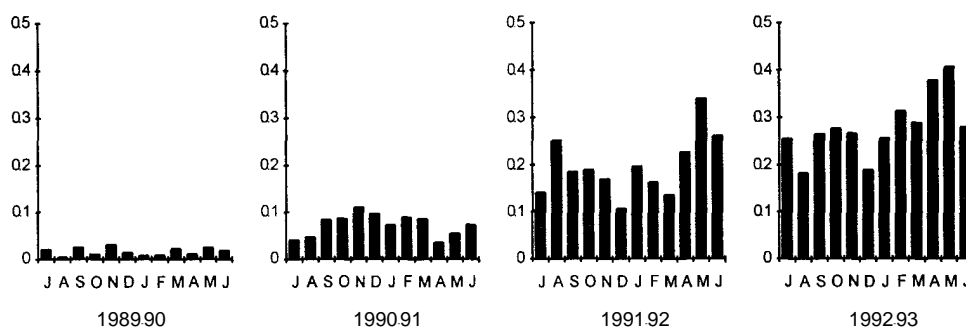
GBS: 21 records of 1 or 2 birds at six sites in Chapman, Aranda, Bruce, Holder and Acton. Most from 4wk Oct to 1wk Apr, with 2 in Jun (Acton). Abundance (A) has recovered to the level of 1989-90 after a significant fall in 1990-91. However, while distribution (F) is up, other values remain below the average figures for the past six years.

Misc: 16 records from Aug to May, 8 of them from Campbell Pk GrM13. 2 records of breeding from the same location on the same day - on/22 Nov Campbell Pk GrM13 (TaM, ThR).

Crested Pigeon *Ocyphaps lophotes*

U.BR

GBS: Records from 21 sites (cf 4 sites in 1986-87, 10 in 1989-90, and 15 in 1991-92) in 18 suburbs south to Isabella Plains and Calwell, both GrK17. The measure of abundance (A=0.2818) has also risen markedly (1986-87 =0.004, 1989-90 =0.0161, 1991-92 =0.1977) by as much as 464% when compared with the average of the past six years. Other values have also risen quite as significantly.



Misc: 55 reported observations, slightly down on 1991-92 (64), but still well up on previous years. Reports from Yass GrG3, Mulligans Flat GrL10, Uriarra Crossing GrG12, Gigerline GrJ19 and numerous locations across Canberra. Largest group, twice reported from areas adjacent to Yowani golf course GrK12 - 44 in May and 48 in Jun.

Wonga Pigeon *Leucosarcia melanoleuca*

C.BR

Misc: 10 records, 3 from the Bendethera Caves area of Deua NP - 2/19 Sep GrZ30, 4/20 Sep GrZ29 and 1/20 Sep GrY29 (all MoM3). Others were all from Tidbinbilla NR and the Brindabella Ra.

COCKATOOS

Glossy Black-Cockatoo *Calyptorhynchus lathami*

R. Vi

Misc: 6 records from Mt Majura GrM12 - 8/8 Aug (McG), 8/22 Aug N slopes (HoB), 5/23 Aug SE of road to summit (McD), 11/29 Aug NW slopes (McI), 2/29 Aug NE Slopes (BoJ), 10/9 May (McG) and one from Red Hill, N side GrK14 - 4/14 May (CIH)

Yellow-tailed Black-Cockatoo *Calyptorhynchus funereus* C. BR

GBS: Records from 3 sites in Barton, Chapman and Curtin. Largest number 60/3wk Aug Chapman GrI15 (McA).

WBS: 3/29 Mar LGeoS GrR11 (LeM).

Misc: 25 non-breeding records mostly outside the suburban area. Largest flocks 40/3 Jul Gudgenby Gap GrF25 (LuN), 40/30 Sep Tanners Flat GrH16 (CIG).

Gang-gang Cockatoo *Callocephalon fimbriatum* C. BR

GBS: Abundance value (A=0.7064) up from 1991-92 (0.511). Breeding record — dy/2wk Apr Barton L14 (AJR).

Misc: 41 non-breeding records. No breeding records.

Galah *Cacatua roseicapilla* C. BR

GBS: Abundance value (A=5.2582) down from 1991-92 (6.1483). Breeding records from 12 sites.

WBS: Regularly sighted around LGeo and LBth with largest flock of 35/27 Jun LBth, The Morass GrZ7 (DoM).

Misc: 187 non-breeding records. Breeding records: ih/29 Aug Mt Majura GrM12 (McI), ih/6 Sep Naas Rd GrJ22 (BrM), dy/22 Nov Campbell Pk GrM13 (McI).

Long-billed Corella *Cacatua tenuirostris* R.Va

Misc: 1/8 Feb Canberra Grammar School GrK14 (NiJ).

Little Corella *Cacatua sanguinea* U.BR

GBS: Up to 5 birds recorded regularly throughout the year from two sites in Holt GrI12 (DaC, EGR). Also 1/2wk Apr in Fisher (BiJ) and 6/2wk Apr Barton (AJR).

Misc: 12/13 Jul Narrabundah GrL15 (AbD), 2/2 Dec Canberra Grammar School GrK14 (NiJ), 5/4 Jan 'Pine Ridge' GrI12 (DaC).

Sulphur-crested Cockatoo *Cacatua galerita* . BR

GBS: Slight increase in abundance over 1991-92 (A=4.1637). Breeding records from two sites: n/4wk Nov-3wk Dec Kambah GrJ16 (WiS), dy/4wk Mar, 2wk Apr Barton GrL14 (AJR). A=5.1262, F=98.5%, W=52, R=68.76%, G=7.46

WBS: Usually present LBth. Largest flock 150/23 Aug LBth, The Morass GrZ7 (DoM).

Misc: 164 non-breeding records. No breeding records.

Cockatiel *Nymphicus hollandicus*

GBS: One record (escapee) — 1/2 wk Jan Scullin GrI12 (FeP).

LORIKEETS

Rainbow Lorikeet *Trichoglossus haematodus* R. Vi

GBS: A continuation of regular reports from two sites in Aranda GrJ13, which started in 1986-87. Usually 2 birds — Jul, Aug, Sep and Nov (MaD), Oct, Nov, Dec (HaK).

Misc: 2/2 May Wanniasa Hill GrK16 (GrB).

Scaly-breasted Lorikeet *Trichoglossus chlorolepidotus* Va
GBS: 2 records (escapees) — 2/2wk Jun Kambah GrJ16 (WiS), 1/3 Jan Scullin GrI12 (FeP).

Little Lorikeet *Glossopsitta pusilla* R. Vi
GBS: 1/3wk Dec Weston GrJ15 (LeB), 2/9 Feb Mt Ainslie GrL13 (LeM).

PARROTS

Australian King Parrot *Alisterus scapularis* C. BR
GBS: Abundance value (A=1.1169) down from 1991-92 (1.3367). 4 breeding records — dy/5wk Jan-3wk Apr Weston GrJ15 (LeB), dy/1wk Feb Holder GrJ15 (AsM), dy/3wk Feb Fisher GrJ15 (BiJ), dy/1wk Mar Barton GrL14 (AJR).
Misc: 19 non-breeding records and — cf/17 Jan Warks Rd GrE15 (BoJ).

Superb Parrot *Polytelis swainsonii* R. Vi
Misc: 1/27 Sep Melba GrJ12 (OrM), 1/15 Oct Melba GrJ12 (OrM) (see also Ormay 1994), 1/9 and 13 April Mt Arawang GrJ15 (BiJ).

Princess Parrot *Polytelis alexandrae*
Misc: 1 record (escapee) — 1/5 Oct Aranda Bushland GrJ13 (WeS).

Crimson Rosella *Platycercus elegans* C. BR
GBS: Slightly less abundant than 1991-92 (A=2.9729). Breeding records from 8 sites.
WBS: Usually present at LBth GrY8 and LGeoS GrR11.
Misc: 252 non-breeding records. 9 breeding records including — ny/25 Oct Googong GrO 17 (AnI), ny/25 Oct Black Mtn GrK13 (McI), dy/22 Nov Campbell Pk GrM13 (McI), dy/8 Jan Smiths Road Reserve GrJ19 (HuG), dy/26 Jan Yarramundi Reach GrJ14 (AvJ).

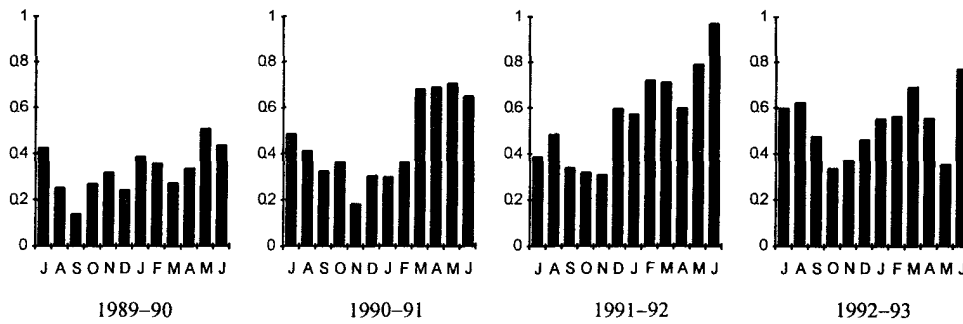
Eastern Rosella *Platycercus eximius* C. BR
GBS: Abundance similar to 1991-92 (A=1.3399). 3 breeding records: n/1wk Sep Hughes GrK15 (AnI), dy/1-2wk Feb Fisher GrJ15 (BiJ), dy/4wk Dec Macquarie GrJ13 (CoD).
A=1.3467, F=93.8%, W=52, R=55.29%, G=2.44.
WBS: Recorded at LBth GrY8, and The Morass GrZ7
Misc: 149 non-breeding records. Breeding records — ih/3 Oct Bruce Ridge GrK13 (BuM), dy/6 Dec O'Connor Ridge GrK13 (McI), ih/11 Oct Campbell Pk GrM13 (McI).

Australian Ringneck *Barnardius zonarius*
Misc: 2 records (escapees) — 1/12 Sep Campbell GrM13 (LaT), 2/28 Feb Oxley GrJ16 (FyM).

Red-rumped Parrot *Psephotus haematonotus*

C. BR

GBS: A decline of 55% in the measure of abundance between 1985-86 (A=0.675) and 1989-90 (A=0.303), was followed by a recovery to 1991-92 (A=0.563). This year there was a slight reversal (A=0.5242). 1 breeding record — dy/1wk Dec Kambah GrJ16 (VeP).



Misc: 76 non-breeding records.

Lovebird *Agapornis sp.*

Misc: 1 record (escapee) — 1/1 May Weston GrJ15 (LeB).

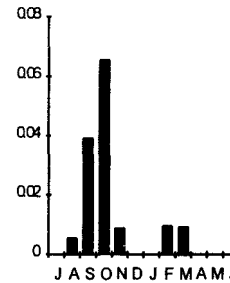
CUCKOOS

Pallid Cuckoo *Cuculus pallidus*

C.BM

GBS: 33 records of single birds at 14 sites (67 records at 20 sites in 1991-92). Measures of abundance (A=0.0122) and distribution (F=21.5) are close to the lowest figures recorded during the previous eight years (1986-87 A= 0.009, F=14.6). First 4wk Aug, last 2wk Mar.

Misc: 13 records (36 in 1991-92), 5 of them from Campbell Pk GrM13 including — 4/16 Oct (MoM3). First 1/21 Aug Tinderry Ra GrN24 (FyM), last 2/26 Jan Castle Hill GrI18 (BoJ).



Brush Cuckoo *Cacomantis variolosus*

U.BM

GBS: 3 records — 1/4wk Oct and 1/4wk Dec Weston GrJ15 (LeB), 1/4wk Mar Kambah GrJ16 (VeP).

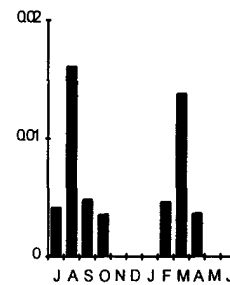
Misc: 15 records of single birds. First 1/12 Oct Mt Ainslie GrL13 (LeM), last 1/7 Mar Lowden Forest Pk GrW19 (AIR).

Fan-tailed Cuckoo *Cacomantis flabelliformis*

C.BM

GBS: 11 records of single birds from 10 sites (25 from 12 sites in 1991-92). The measure of abundance (A) is the lowest since the survey began and all values are significantly below the long-term averages. The number of weeks when the species was recorded (W) is also markedly down on the four years 1986-90 (W=30 or 31). First 4wk Jul and last wk Apr but no records in Nov, Dec or Jan. A=0.0041, F=15.4, W=10.

Misc: 41 records from across the region, including — 6/20 Sep Deua



NP GrZ29 (MoM3). First 1/8 Aug Mt Ainslie summit GrL13 (TaM), last 1/23 May Molonglo Gorge GrN14 (BoJ).

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

GBS: 13 records from six sites (1991-92 — 30 from 9 sites). All values well down this year, abundance (A) by as much as 48% on the average figure for the period since 1986. First 4wk Sep (late), last 2wk Mar.

Misc: 16 widely distributed records. First 1/2 Aug Enchanted Hill area GrL17 (LeB), last 1/26 Jan Gigerline GrJ19 (BoJ).

Shining Bronze-Cuckoo *Chrysococcyx lucidus* C.BM

GBS: 38 records from 9 sites. Unlike the previous species, values have recovered to the levels pre-1990-91 following a noticeable drop in that year (A=0.0053, F=8.5, W=9), and abundance (A) for example, is 42% above the long-term average. A=0.014, F=13.8%, W=26. First 4wk Jul (early), last 3wk Mar.

Misc: 27 records including — 6/10 Mar Bluetts Forest Drive GrI14 (MoM3). First 1/2 Aug Enchanted Hill area GrL17 (LeB), last 1/5 Jun Lake Rd GrR11 (FyM).

OWLS

Southern Boobook *Ninox novaeseelandiae* C.BR

GBS: 69 records, down on 1991-92 (98). Other values were consistent with average figures for recent years. 1 breeding record — adult feeding 2dy/1 Jan Weetangera GrJ13 (FyM).

Misc: 12 breeding records, 4 in urban areas, including 1 breeding record — 2ad, 3dy/13 Jan Higgins GrI12 (HaR) (see also Harvey 1994).

Barn Owl *Tyto alba* R.Vi

GBS: 1/1wk Sep Barton GrL14 (AJR).

FROGMOUTH AND NIGHTJAR

Tawny Frogmouth *Podargus strigoides* U.BR

GBS: 3 records from Chapman GrI15 — 2/4wk and 5wk Jan, 2/2wk Mar (BBG) and 1/2wk Feb Garran GrK15 (TSR).

Misc: 1/29 Jan Tuggeranong Pkwy GrJ13 (LeB), 1/24 Mar Lady Denman Dr GrJ14 (LeB), 1/29 Apr Hackett GrL12 (GoT).

Australian Owlet-nightjar *Aegotheles cristatus* U.BR

GBS: 1/5wk Apr and 1/1wk May Weetangera GrJ13 (FyM).

Misc: 2/6 Mar Badja SF GrV30 and 3/11 Apr Lade Vale Rd GrK4 (both FyM).

SWIFT

White-throated Needletail *Hirundapus caudacutus* C.M

GBS: Recorded at 11 sites. Average group size was around 10, half that of last year but similar to the two previous years. First record 2/2wk Oct then no more until 1/4wk Dec

both at Chapman GrI15 (McA), then recorded in small numbers each week until wk Mar.
Later records — 2/4wk Mar, 7/1wk Apr and 3/4wk Apr.

Misc: 5 records. First — C/6 Dec Mulligans Flat GrL10 (BoJ), last — both 6 Mar, 60/nr
Widgiewa GrR16 (FyM) and 20/nr Hoskinstown GrS17 (All).

KINGFISHERS, BEE-EATER AND DOLLARBIRD

Laughing Kookaburra *Dacelo novaeguineae* C.BR

GBS: Recorded at 50 sites throughout the year. No breeding records.

WBS: 6/26 Jul and 4/22 Aug LGeoS GrR11 (both LeB), 2/28 Apr LGeoN GrR6 (FyM).

Misc: 197 non-breeding records. 2 breeding records — ny/22 Nov Campbell Pk GrM 13
(ThR, TaM), on/15 Nov Campbell Pk GrM13 (PM).

Sacred Kingfisher *Todiramphus sanctus* U.BM

GBS: A total of 14 observations from 12 sites. First 1/1wk Oct Evatt GrJ12 (GIJ) and
Kambah GrJ16 (VeP). Last 1/4wk Feb Acton GrK13 (PeS).

WBS: 1/24 Feb LGeoS GrR11 (FyM).

Misc: 27 records. First 1/29 Aug Mt Majura GrM12 (BoJ), last 1/6 Mar Badja SF GrV30
(FyM). Only breeding record — ih/14 Dec Naas R GrJ22 (BrM).

Rainbow Bee-eater *Merops ornatus* C.BM

Misc: 23 records. First X/27 Sep Shepherds Lookout GrH12 (FrI), last 10/15 Mar
Murrumbateman GrI6 (GrB). Two breeding records — nb/14 Dec Naas R GrJ22 (BrM) and
dy/8 Jan Smiths Rd GrJ19 (HuG).

Dollarbird *Eurystomus orientalis* U.BM

GBS: Records from 11 sites totalling 27 observations. First 1/4wk Sep Chapman GrI15
(McA), last 1/1wk Mar Macgregor GrI12 (MoR) — apart from one odd bird wk May
Aranda GrJ13 (GeJ). 2 breeding records — dy at Cook as last year wk Jan GrJ13 (BrM)
and dy/3wk Feb Downer GrL12 (LoE). There seems to be a gradual decrease in recording
of this species over the last few years.

Misc: 20 non-breeding records. First 1/30 Oct Cotter Hut GrD22 (LiM), last 3/14 Feb
Jerrabomberra Wetlands GrL14 (McI).

LYREBIRD

Superb Lyrebird *Menura novaehollandiae* C.BR

Misc: 37 non-breeding records covering most parts of the year. All except one from southern
parts of the region, including — Gudgenby Gap GrF25, Tinderry Ra GrO24, Shannons Flat
to Yaouk GrF27, Yaouk to Adaminaby GrC28, Sutton Rd GrO13, Bendora Rd GrD16,
Molonglo Gorge GrN14, Badja SF GrV30 and Booroomba Rocks GrI20.

TREECREEPERS

White-throated Treecreeper *Cormobates leucophaeus* C.BR

GBS: Recorded mainly from sites in Belconnen, but also reported from O'Connor and Kambah. 1 breeding record — dy/4wk Dec and 3wk Jan Aranda GrJ13 (GeJ).

WBS: 1 record from LGeo.

Misc: 114 non-breeding records, and 3 breeding records — dy/18 Oct Nursery Swamp track GrG22 (McD) and ny/16 Nov and dy/23 Nov Naas R/Gudgenby Ck GrJ22 (BrM).

Red-browed Treecreeper *Climacteris erythroptis* U.BR

Misc: 4 non-breeding records — X/5 Oct Boboyan Trig GrH26 (HoJ), 1/17 Nov nr Booroomba Rocks GrH20 (FyM), 1/21 Jan Booroomba Rocks GrI20 (GIJ) and 2/16 May Lyrebird Trail, Tidbinbilla NR GrF18 (McD).

Brown Treecreeper *Climacteris picumnus* C.BR

Misc: 32 non-breeding records, including 3/6 Mar Tallaganda SF GrW19 (MaW) and 1/30 May ANBG GrK13 (BoJ).

WRENS

Superb Fairy-wren *Malurus cyaneus* C.BR

GBS: The measure of abundance (A) is up slightly to a level consistent with an average of the figures for the past eight years. Although down on the values recorded for the past four years, distribution (F) remains consistent with the longer-term average. 1 breeding record — n/3wk Jan Yarralumla GrK14 (CCR).

WBS: 6 records from LBth and 4 from LGeo, spread throughout the year.

Misc: 217 records from all months and from all parts of the region. 1 breeding record — dy/7 Jan O'Connor Ridge GrK13 (HuG).

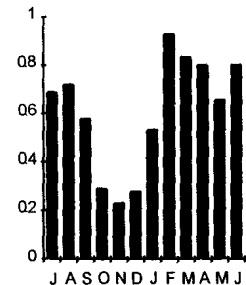
PARDALOTES AND ALLIES

Spotted Pardalote *Pardalotus punctatus* C.BR

GBS: Recorded at 53 sites, consistent with the pattern of distribution over recent years. Abundance (A) up by 41% following a steady decline since the large numbers of 1985 to 1988. Breeding records — n/2wk Aug Kambah GrJ16, dy/2wk Feb Weetangera GrJ13.

WBS: Only one observation recorded — 1/27 May LGeoN GrR6

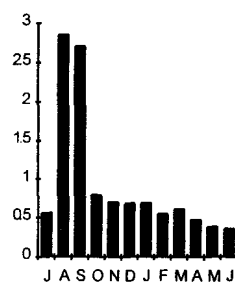
Misc: 118 observations including 2 breeding records — nb/21 Jul CSIRO, Black Mtn GrK13 (LeB), nb/2 Aug Enchanted Hill area GrL17 (LeB).



Striated Pardalote *Pardalotus striatus* C.BR

Addendum: 1991-92 Annual Bird Report (CBN 21(4): p. 105. Add — **Misc:** 154 non-breeding records. 5 breeding records — ih/13 Oct Cotter Rd GrH15 (WrH), dy/2 Nov Mulligans Flat GrL11 (LiB), cf/16 Nov Boolboolma Crossing GrR25 (FyM), nb/17 Nov Jerangle Rd GrS26 (MoM3).

GBS: The measure of abundance (A) up by 48% on last year and 29% above the average figure for the past six years. The typical spring peak saw large numbers recorded in late Aug, early Sep with one flock of 200 reported moving through a Weetangera garden in 4wk Aug. No discernible peak in autumn. Breeding reported from six sites including an early nest/2wk Jul Aranda GrJ13, others — n/4wk Oct Aranda, n/2wk Dec Yarralumla GrK14, n/3wk Jan Bruce GrK13, ny/2wk and dy/4wk Jan Barton GrL14 and dy/2wk Jan Aranda.



Misc: 136 observations including 2 breeding records — ih/14 Dec Naas R GrJ22 (BrM), dy/6 Mar Hoskinstown area GrS 17 (AIJ).

Pilotbird *Pycnoptilus floccosus*

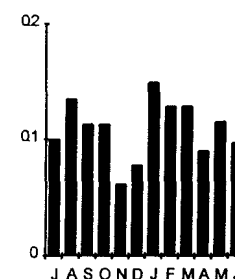
U.BR

Misc: X/24 Nov Cotter R area GrE16 (TaM), 1/6 Mar Tallaganda SF GrV19 (AU).

White-browed Scrubwren *Sericornis frontalis*

C.BR

GBS: Recorded from eleven sites. The measure of abundance (A) back up to the level of 1989-90 (A=0.108) and 46% above the average figure for the period since 1986-87. Distribution (F) down on levels for the last four years but remains consistent with the longer term pattern. 1 breeding record — n/4wk Dec Aranda GrJ13 (GeJ).



WBS: 1 record of a single bird at LGeoN GrR6, 27 May.

Misc: 88 recorded observations. No breeding records.

Chestnut-rumped Heathwren *Hylacola pyrrhopygia*

R.BR

Misc: 1/19 Jan Mt Rob Roy GrL18 (ReR), 2/19 Feb Mt Majura GrM12 (WhP), 1/8 Apr Mundoonen Ra GrL4 (HaS), 2/24 Jun Mt Jerrabomberra GrN16 (TaN).

Speckled Warbler *Chthonicola sagittata*

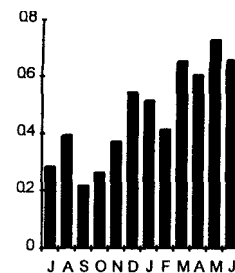
U.BR

GBS: 6 records from three sites — 1/1wk, 1/2wk and 1/4wk Jul Acton GrK13 (PeS), 2/4wk Oct Campbell GrL14 (RoC) and 1/4wk Jan and 1/4wk Mar Bruce GrK13 (BuM). Misc: 41 observations involving 78 birds, in all months. 1 breeding record — dy/10 Mar Bluetts Forest Dr GrI14 (MoM3).

Weebill *Smicromis brevirostris*

C.BR

GBS: Last year the measure of abundance fell to the 1984-85 level (A=0.323), following a period of gradual increase (1989-90 A=0.682). This year saw a slight recovery (A=0.4659) but this remains 11% below the long term average. The distribution (F) on the other hand is at the highest level, with records received from 39 sites (F=60%). 1 breeding record — nb/4wk Jul Weetangera GrJ13 (this nest was later predated by Pied Currawongs).



Misc: 68 records covering all months except Feb. No evidence of breeding reported.

Yellow Thornbill *Acanthiza nana*

U.BR

GBS: There appears to have been a steady decline in the abundance of this species since 1984-85 $A=0.031$, 1992-93 $A=0.0026$. Statistics of distribution (F) and recording rate (R) have also fallen. 4 observations from 3 sites — 2/2wk and 3wk Jul Cook GrJ13 (BrM), 1/3wk Apr Weetangera GrJ13 (WoD) and 2/1wk May Page GrJ12 (LiH).

WBS: X/22 Aug LGeoS GrR11 (LeB).

Misc: 11 observations, none between 9 Sep and 24 Mar.

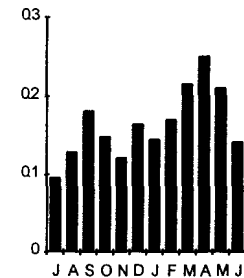
Striated Thornbill *Acanthiza lineata*

C.BR

Addendum: 1991-92 Annual Bird Report (*CBN* 21(4): p. 106)

GBS: Second line, amend `F=29.5%' to read `F=32.8%'.

GBS: Abundance (A) has fluctuated since the 'marked increase in numbers' of 1986-87 ($A=0.290$). This year's figure ($A=0.1653$) is 22% below the average figure for the last six years. Distribution (F) is also down, by 24%, on the average figure. Seasonal pattern consistent with past years. Breeding recorded at 1 site — dy/2wk and 3wk Oct and 3wk Dec Weetangera GrJ13.



Misc: 89 observations. All months except Feb with a preponderance in Mar to Jun.

Southern Whiteface *Aphelocephala leucopsis*

U.BR

WBS: 2 records from LGeoS GrR11 — 1/24 Feb (FyM), 7/22 Jun (LeM).

Misc: 19 records. 6 reports of breeding from grids J21 and J22 including — nb/6 Sep Naas Rd GrJ22 (BrM), ny/20 Sep Caloola Farm GrJ21 (AlJ), ny/28 Sep Gudgenby Ck GrJ22 (BrM) and fs/16 Nov Naas R/Gudgenby Ck GrJ22 (BrM).

HONEYEATERS

Red Wattlebird *Anthochaera carunculata*

C.BR

GBS: Present throughout the year. Recorded at 64 sites normally in small numbers (up to half a dozen) but with larger flocks (10 to 22) seen from the end of Feb to mid-May. Abundance ($A=1.9856$) similar to that of the last three years (1.93, 2.02 and 1.86). Breeding reported from 15 sites. First — nb/1wk Aug continuing to a final record of dy/3wk Oct Cook GrJ13 (BrM). Last — dy/2wk Mar Kambah GrJ16 (WiS).

WBS: 2/27 Nov LGeoN GrR6 (BrG).

Misc: 123 records covering all months of the year (only 3 records in Jul — all near water) throughout the region. 23/31 Jan Yankee Hat GrG24 (FyM) — unusual for this time of year? Breeding records — nb/16 Dec Cooma Road GrN17 (FyM), ny/24 Dec, ny/7 Jan and dy/10 Jan all at O'Connor Ridge GrK13 (HuG) and dy/28 Feb Kowen GrR14 (KrS).

Noisy **Friarbird** *Philemon corniculatus*

C.BM

GBS: Abundance ($A=0.74$) down slightly on last 2 years (0.76 and 0.81) and also on prior 3 years (around 1.0 each year). Recorded from 61 sites. Most records start in 2wk Sep and finish at end of Apr. Recorded at no sites in Jul, 1 in Aug, 11 in May, and 2 in Jun. Breeding recorded from only 8 sites, the earliest n/3wk Dec Cook GrJ13 (BrM) and the latest dy/4wk Feb Farrer GrK16 (ReD).

WBS: 1/20 Feb LBthW GrY8 (CrI) and 4/24 Feb LGeoS GrR11 (FyM).

Misc: 64 records. First — X/3 Oct Bruce Ridge GrK13 (BuM), last — 2/3 May ANU GrK13 (WrH). Breeding — nb/14 Nov nr Rehwindels GrP11 (LiM), nb/22 Nov Campbell Pk GrM13 (ThR, TaM), dy/24 Dec O'Connor Ridge GrK13 (HuG) and dy/6 Mar in Grids S16 (AlJ) and U18(AIR).

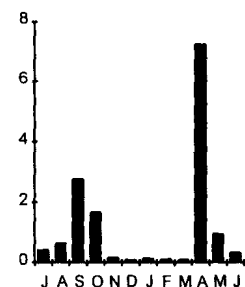
Little Friarbird *Philemon citreogularis* R.M
Misc: 1 breeding record at Mulligans Flat GrL 10 — nb/6 Dec and on/20 Dec (BoJ).

Regent Honeyeater *Xanthomyza phrygia* R.Va
GBS: 1/17 Jan Weetangera GrJ13 (WoD).
Misc: 1/26 Sep to 9 Oct Curtin GrJ14 (OIH), 1/11 Oct ANBG GrK13 (LaC) and 1/6 Dec Mulligans Flat GrL10 (BoJ).

Noisy Miner *Manorina melanocephala* C.BR
GBS: Recorded from 14 sites at all times of the year. After abundance (A) had risen during the previous 2 years to 0.2, it has now fallen back to the level it was 3 years previously (0.11). 1 breeding record — dy/2wk and 3wk Oct Garran GrK15 (TSR).
Misc: 59 records in all months except Jun and Feb. 2 breeding records — dy/15 Nov Mulligans Flat GrL 11 (BuM) and dy/1 Dec nr Sutton Gr N11 (FyM).

Lewin's Honeyeater *Meliphaga lewinii* R.Va
Misc: 2/28 and 29 Jul Gungahlin Hill GrK12 (G1J), 1/17 Feb ANBG GrK13 (GU), 1/27 Jun ANBG GrK13 (NiJ).

Yellow-faced Honeyeater *Lichenostomus chrysops* C.BM
GBS: Recorded from 36 sites with usual spring and autumn peaks, the autumn peak being the larger. Summer recordings were few — 5 sites in Dec and 10 in Jan — in fact less than winter recordings. No breeding recorded. Decreases this year in abundance (A) down from 1.89 and group size (G) down from 8.85. A=1.3146, F=89.2%, W=52, R=22.54%, G=5.83.



WBS: 3 records, all at LGeoS GrR11 — X/22 Aug (LeB), 5/24 Feb (FvM) and 1/26 Apr (WrH)

Misc: A total of 119 records in all months, with only 1 in Jul, 1 in Feb and 2 in Jun. 2 breeding records — dy/18 Oct Nursery Swamp track GrG22 (McD) and nb/14 Dec Gudgenby Ck GrJ22 (BrM).

White-eared Honeyeater *Lichenostomus leucotis* C.BR
GBS: Reported from 32 sites, no breeding. Similar abundance to last year. No records from 5wk Oct until wk Apr, apart from single birds in 4wk Feb and wk Mar.
WBS: 1/26 Jul LGeoS GrR11 (LeB).
Misc: 85 records in all months except Feb, and in most areas with no urban records from Sep through to Apr. No recorded breeding.

Yellow-tufted Honeyeater *Lichenostomus melanops* R.Vi
Misc: 2 records at Googong Dam GrO17 — 1/6 Jul (GrB) and 1/25 Oct (AnI).

Fuscous **Honeyeater** *Lichenostomus fuscus*

C.BR

GBS: Recorded from 17 sites, no breeding. No records from 4wk Oct through to 4wk Apr.

Peak in numbers in Aug and Sep. Abundance (A) up slightly from last year (0.0825) but still down on previous year (0.124).

Misc: 9 records throughout the year. 1 breeding record — dy/31 Jan Yankee Hat GrG24 (FyM).

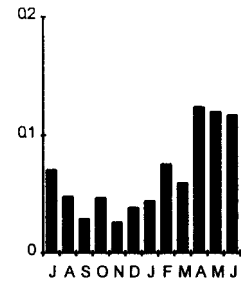
White-plumed Honeyeater *Lichenostomus penicillatus* GBS:

C.BR

Reported from 23 sites, mainly in winter and autumn, although some records in most months. Recorded regularly at one site in Calwell GrK17 (ChV) throughout the year. One breeding record — dy/2wk Apr Barton GrL14 (AJR). Abundance (A) a new low of 0.0668, a decrease from last year's 0.2086 and previous year's low of 0.089. A=0.0668, F=35.4%, W=49, R=3.98%, G=1.68.

Misc: 82 records in all months. 5 breeding records — nb/21 Sep Naas Ck GrJ22 (BrM), ny/1 Nov LGen GrJ12 (BuM), dy/13 Dec Campbell Pk GrM13 (McI), ny/11 Jan LGeoS GrR11 (HuG) and

dy/26 Jan Castle Hill GrI18 (BoJ).



Brown-headed Honeyeater *Melithreptus brevirostris*

U.BR

GBS: Recorded at 2 sites only. 14/3wk Feb, 5/4wk Feb Kambah GrJ16 (WiS) and 3/2wk, 4/3wk Jun Chapman GrI15 (HAJ).

WBS: 26/22 Jun LGeoN GrR6 (FyM).

Misc: 24 records throughout the year — no breeding recorded.

White-naped Honeyeater *Melithreptus lunatus*

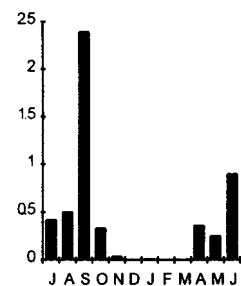
C.BM

GBS: Recorded from 31 sites — no breeding. No records from 4wk Oct through to 4wk Mar, apart from 1/4wk Nov Deakin GrK14 (NiA) and 1/2wk Jan Rivett GrI15 (HeE). Unusually for this species the spring peak was larger than the autumn one.

Abundance similar to last two years.

WBS: 5/26 Apr LGeoS GrR11 (WrH) and 12/22 Jun LGeoN GrR6 (FyM).

Misc: 43 records in all months except Feb and single records only in May and Jun. 1 breeding record — dy/31 Jan Yankee Hat GrG24 (FyM).



Crescent Honeyeater *Phylidonyris pyrrhoptera*

U.BR

GBS: Recorded at 6 sites — no breeding. No records wk Oct through to 2wk Apr.

4/12 Jul ANBG GrK13 (BuM), 1/8 Nov Murrumbidgee R GrI16 (McI), 2/6 Mar Tallaganda SF GrV19 (AU), 20/6 Mar Badja SF GrV30 (FyM), 3/23 Mar Upper Nursery Ck GrG22 (MaW), 3/16 May Tidbinbilla NR GrF18 (McD) and 6/13 Jun Boboyan Forest GrH25 (PeH).

New Holland Honeyeater *Phylidonyris novaehollandiae* U.BR

GBS: Recorded from 5 sites — no breeding. Records scattered throughout year.

Misc: 8 non-breeding records, including — 2/9 Aug Black Mtn /ANU campus GrK13 (McI), 2/8 Nov Murrumbidgee R Gr 116 (McI), 1/16 May Shepherds Lookout area GrH12 (BoJ), 2/13 Jun Boboyan Forest GrH25 (PeH).

Eastern Spinebill *Acanthorhynchus tenuirostris* C.BR

GBS: Recorded from 58 sites. Far less common over summer months (Nov to Feb) but regularly present at 6 sites and irregularly at 14 sites. 1 breeding record, dy/1wk Jan Aranda GrJ13 (GeJ). Abundance (A=0.54) down on last year (0.6) and previous year (0.79), similar to 1987-88 (0.55).

WBS: 1/22 Aug LGeoS GrR11 (LeB),

Misc: 59 non-breeding records throughout the year.

White-fronted Chat *Epthianura albifrons* U.BR

WBS: Recorded normally in small numbers (but a max of 30 in Mar) during most months at LBthE and W GrY8. Also 8/29 Mar LGeoS GrR11 (LeM) and 1/27 May LGeoN GrR6 (FyM).

Misc: 1 record — 1/16 Nov Emu Bank, Belconnen GrJ12 (AnF).

ROBINS

Jacky Winter *Microeca fascinans* U.BR

GBS: 1/3wk Jul Chapman GrI15 (McA).

Misc: 6 non-breeding records through year. 1 breeding record — on/6 Dec Mulligans Flat GrL10 (BoJ).

Scarlet Robin *Petroica multicolor* C.BR

GBS: Recorded at 17 sites but at only one, Bruce GrK13 (BuM), throughout the year. Other 16 sites had no records from wk Sep through to 3wk Mar. Abundance similar to last year.

Misc: 84 records in all months — no breeding recorded.

Red-capped Robin *Petroica goodenovii* R.Vi

Misc: 11 records from 6 grid cells — 1/1 Jul Mt. Ainslie GrL13 (PaN), 1/12 Aug nr Mt Stromlo GrI14 (MoM3), 1/23 Aug Campbell Pk GrM13 (AnF), 2/28 Oct Surveyors Hill GrH11 (DaC), 1/22 Nov Campbell Pk GrM12 (ThR), 1 to 4 birds nr Macgregor Grill (PrJ) from 25 Dec to 6 Mar, 2/3 and 27 Jun nr Southwells Crossing GrJ14 (JoD, AvJ). 1 breeding record — ny/25 Dec nr Fassifern Equestrian Centre Gill 1 (PrJ) (see also Price 1994).

Flame Robin *Petroica phoenicea* C.BR

GBS: Recorded at 3 sites from 3wk May to end Jul.

WBS: 2 winter records — 1/26 Jul LBthW GrY8 (CrI) and 3/22 Jun LGeoS GrR11 (LeM).

Misc: 57 records, no breeding. Largest numbers 36/5 Sep Mt. Clear GrI28 (FyM) and 24/14 Mar Snow Gum Arboretum GrC17 (FyM).

Rose Robin *Petroica rosea* U .BM
GBS: Recorded from only 8 sites with no records in Jul or from 1wk Oct through to 2wk
Apr.
Misc: 17 records with none in Nov, Dec, Feb and Jun. No breeding.

Hooded **Robin** *Melanodryas cucullata* U.BR
Misc: 20 records from 15 grid cells — no breeding. Most months of the year and scattered
throughout the area. Including 6/25 Oct Googong foreshores GrO17 (AnI) and 3/2 Aug
Enchanted Hill GrL17 (LeB). Other records of 1 or 2 birds.

Eastern Yellow Robin *Eopsaltria australis* C.BR
Misc: 51 non-breeding records in all months and throughout the area — only 1 breeding
record — dy/10 Mar Bluetts Forest Drive GrI14 (MoM3).

WHIPBIRD AND QUAIL-THRUSH

Eastern Whipbird *Psophodes olivacea* U.BR
Misc: 9 non-breeding records from Deua NP GrZ29 and Z30, Badja SF GrV29 and V30,
Tallaganda SF GrV19 and W19, Warks Rd GrE15 and Blundells Flat GrE14.

Spotted Quail-thrush *Cinclosoma punctatum* U.BR
Misc: 9 non-breeding records from S and W ACT, except: 1/6 Mar Badja SF GrV30 (FyM),
1/8 Mar Jinden Ridge fire trail GrV29 (FyM) and 1/9 May Mundoonen NR GrJ2 (LeB).

SITTELLA

Varied Sittella *Daphoenositta chrysoptera* U.BR
GBS: All values slightly higher, following a drop in 1991-92. Predominantly recorded in the
Belconnen area.
Misc: 27 non-breeding records.

WHISTLERS AND ALLIES

Crested Shrike-tit *Falcunculus frontatus* U.BR
Misc: 17 records from 11 locations, including 1 breeding record — ny/10 Dec Campbell Pk
GrM13 (TrE) (see also Truswell 1993).

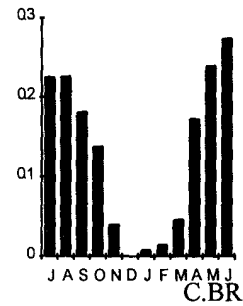
Olive Whistler *Pachycephala olivacea* U.BR
Misc: 5 records from 4 grid cells — X/9 Jan nr Mt Kelly GrF24 (JaG), 1/6 Mar Tallaganda SF
GrV 19 (AlJ), 2/7 Mar Tallaganda SF GrV 19 (MaW), 1/8 Mar Slap Up fire trail GrU29
(FyM), 2/14 Mar Mt Franklin Rd GrC17 (DuG).

Golden Whistler *Pachycephala pectoralis*

C.BR

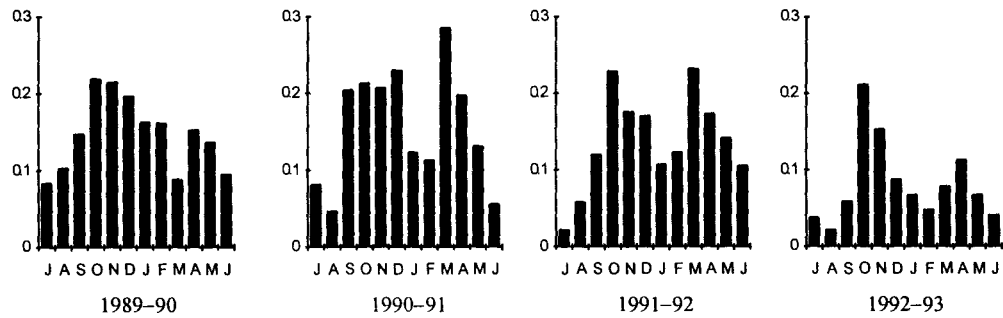
GBS: Recorded at 39 sites, with only scattered records from 1wk Nov to 1wk Mar inc. Abundance (A=0.127) continuing to decline — by 18% from last year — and lowest for last six years (from 1987-88 A=0.142, 0.134, 0.146, 0.203, 0.155). A=0.1273, F=60%, W=43, R=10.77%, G=1.18.

Misc: 68 records — no breeding recorded. The vast majority of summer records are from the higher altitudes of our area.



Rufous Whistler *Pachycephala rufiventris*

GBS: Recorded at 37 sites. Present all year but majority of records in spring and autumn with few records in Jul, Aug and Jun. Abundance value (A) of this species also declining — by 37% from last year — and is now also the lowest for six years (from 1987-88 A= 0.144, 0.173, 0.146, 0.161, 0.137). A=0.0859, F=56.9%, W=50, R=7.49%, G=1.15.



WBS: 2 birds recorded at LBthW GrY8 on 4 occasions — 1 Oct, 27 Oct, 28 Dec and 29 Mar (all LeM)

Misc: 113 non-breeding records with none recorded before 12 Aug or after 16 May. 2 breeding records — dy/26 Jan Gigerline GrJ 19 (BoJ), dy/ 10 Mar Bluetts Forest Drive GrI4 (MoM3).

Grey Shrike-thrush *Colluricincla harmonica*

C.BR

GBS: Recorded at 20 sites throughout the year. Abundance value (A) down somewhat on last three years but higher than 1988-89 (0.572). A=0.0616, F=30.8%, W=49, R=5.42%, G=1.14.

WBS: 1/22 Aug LGeoS GrR11 (LeB).

Misc: 140 records — no breeding recorded.

FLYCATCHERS

Black-faced Monarch *Monarcha melanopsis*

R.Vi

GBS: 1/4 wk Mar Curtin GrJ15 (AvJ).

Misc: 1/20 Dec Mulligans Flat GrL10 (BoJ), 1/6 Mar Tallaganda SF GrV19 (AJR).

- Leaden Flycatcher** *Myiagra rubecula* C.BM
Addendum: 1990-91 Annual Bird Report (*CBN* 18(4): p. 93) **GBS:** Amend the first sentence to read '68 reports from 14 gardens'.
GBS: Recorded at 10 sites. All records in period 3wk Oct to 2wk Mar, except for a couple of records in 3,4,5/wk Apr and 4wk May.
WBS: 1/2 Oct LGeoN GrR6(LeM).
Misc: 29 non-breeding records, first 1/10 Oct Mt Majura GrM12 (McI), last 2/23 Mar Upper Nursery Ck GrG22 (MaW). 3 breeding records — nb/16 Dec Monaro Hwy GrL20 (FyM), nb/16 Dec Cooma Rd GrN17 (FyM), dy/13 Feb O'Connor GrK13 (HuG).
- Satin Flycatcher** *Myiagra cyanoleuca* C.BM
GBS: 7 observations of single birds at 5 sites, all in period 2wk Oct to 4wk Nov.
Misc: X/24 Nov E of Cotter R GrE16 (TaM), 2/21 Jan Booroomba Rocks GrI20 (GIJ). 1 breeding record — on/15 Nov Campbell Pk GrM13 (ND).
- Restless Flycatcher** *Myiagra inquieta* U.BR
GBS: 8 observations of single birds at 4 sites, scattered through the year.
Misc: 31 non-breeding records. 1 breeding record — on/20 Dec Mulligans Flat GrL10 (BoJ).
- Magpie-lark** *Grallina cyanoleuca* C.BR
GBS: Recorded at 64 sites throughout the year. Abundance up slightly on last year to a level similar to 1990-91. Breeding recorded at 13 sites — first n/4wk Sep at both Page GrJ12 (AIB) and Acton GrK13 (PeS), last dy/2wk Mar Campbell GrL14 (RoC).
WBS: 29 records, from all sites, with flocks of 20+ being recorded in Apr, May, Jun. 1 breeding record — on/8 Nov LGeoN GrR6 (BrG).
Misc: 180 non-breeding records with flocks of 20+ in Apr, May. 14 breeding records, first — nb/18 Sep Ainslie GrL13 (TaM) and on/13 Oct nr HMAS Harman GrM15 (LiM), last dy/28 Mar Campbell Pk GrM13 (McI).
- Rufous Fantail** *Rhipidura rufifrons* U.BM
GBS: Records of single birds at 6 sites either in period 5wk Oct to 4wk Nov or 2wk Mar to 3wk Apr.
Misc: 14 non-breeding records — first, 4/2 Jan Tallaganda SF GrW19 (AIR), last 1/29 Mar ANBG (LiB), with a late record 1/2 May Black Mtn GrK13 (McI).
- Grey Fantail** *Rhipidura fuliginosa* C.BR
GBS: Recorded at 55 sites throughout the year with a summer and autumn peak and lesser numbers in Jul and Aug. Abundance (A=0.3608) similar to last few years although down slightly (9%) on 1991-92 (0.3957).
WBS: 2/28 Dec LBthW GrY8 (LeM), 1/26 Apr LGeoS GrR11 (WrH), 1/27 May LGeoN (FyM).
Misc: 196 non-breeding records, mostly in the warmer months (only 4 in Jul and 7 in Jun). 2 breeding records — dy/6 Dec O'Connor GrK13 (McI), on/8 Jan Smiths Rd GrJ19 (HuG).

Willie Wagtail *Rhipidura leucophrys*

C.BR

GBS: Recorded at 61 sites throughout the year. Abundance (A) similar to last three years.

WBS: 16 records throughout the year including nb/8 Nov LGeoN GrR6 (BrG).

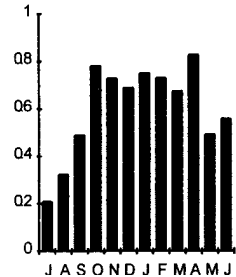
Misc: 155 non-breeding records, mostly in the warmer months (only 6 in Jul and 7 in Jun.). 6 breeding records — ny/15 Nov Mulligans Flat GrL11 (BuM), dy/17 Nov Huntly Hs GrH13 (FyM), ne/22 Nov Campbell Pk GrM13 (TaM), dy/13 Dec Campbell Pk GrM13 (McI), nb/17 Dec Uriarra Crossing GrG12 (JoD), ny/20 Dec Mulligans Flat GrL10 (BoJ).

CUCKOO-SHRIKES AND ALLIES

Black-faced Cuckoo-shrike *Coracina novaehollandiae*

C.BR

GBS: Recorded from 61 sites throughout the year although fewer records in winter. No group larger than seven and only 5 sightings of more than four birds. 4 breeding records — dy/3wk Feb Aranda GrJ13 (HaK), dy/4wk Feb Acton GrK13 (PeS), dy/1wk Mar Weston GrJ15 (BoJ), dy/3wk, 4wk Mar and 1 wk, 2wk Apr Reid GrL13 (CaJ). Abundance (A=0.6164) slightly less than 1991-92 (0.6471).



WBS: 2/28 Apr LGeoN GrR6 (FyM).

Misc: 137 records throughout the year although only 1 record in Jul

and 3 in Jun. 4 breeding records — nb/24 Dec O'Connor Ridge Gr K13 (HuG), ny/13 Jan Higgins GrI12 (HaR), ny/9 Feb Mt Painter GrJ13 (DaB) and dy/11 Mar Black Mtn GrK13 (LeB).

White-bellied Cuckoo-shrike *Coracina papuensis*

R.Va

Misc: 1/30 Aug Ainslie GrL13 (DCM), 1(dark morph)/6 Sep Kingston foreshore GrL14 (NiJ) and 2(dark morph)/2 Jun W side Mt Rogers GrJ11 (MaK).

Cicadabird *Coracina tenuirostris*

U.M

Misc: 2/17 Jan Warks Rd GrE15 (BoJ).

White-winged Triller *Lalage sueurii*

U.BM

GBS: 9 reports of single birds from 5 sites — no breeding. First for year 3wk Oct Stirling GrJ15 (JoD), last 2 wk Jan Page GrJ12 (LiH).

Misc: 20 records. Single bird on 29 Aug Mt Majura GrM12 (McI), next record not until 1/11 Oct Commonwealth Pk GrL 14 (McI) then regularly until last record 2/26 Jan Naas Rd GrJ21 (BrM). 1 breeding record — on/6 Dec Mulligans Flat GrL10 (BoJ).

ORIOLE

Olive-backed Oriole *Oriolus sagittatus*

U.BM

GBS: First 1/5wk Jul Lyneham GrK13 (McI) (early), last 1/5wk Apr Weston GrJ15 (BoJ). Also 4/5wk Oct (HAJ) and 5/4wk Nov (SBD), both Chapman GrI15.

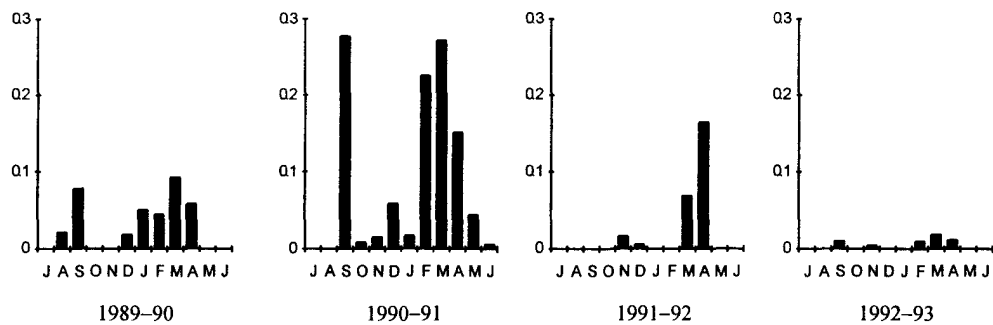
Misc: 32 non-breeding records, including 8/16 Oct Campbell Pk GrM13 (MoM3).

WOODSWALLOWS, BUTCHERBIRD, MAGPIE AND CURRAWONGS

Dusky Woodswallow *Artamus cyanopterus*

C.BM

GBS: All values for this species continue to drop noticeably, for example abundance (A) is down by 86% on the average figure for the past six years.



Misc: 59 non-breeding records, 6 breeding records.

Grey Butcherbird *Cracticus torquatus*

U.BR

GBS: 1/4wk Jun Curtin GrJ14 (AJR), 1/1wk Jan and 1/2wk Feb Page GrJ12 (LiH).

WBS: 3 records from LGeo.

Misc: 27 non-breeding records.

Australian Magpie *Gymnorhina tibicen*

C.BR

GBS: No appreciable change from previous years, although all values (except W) are slightly higher than in 1991-92. Breeding recorded from 30 sites. First n/2wk Jul Chapman GrI15 (BBG), last 1/1wk Nov Turner GrL13 (BaJ). First dy/4wk Sep Reid GrL13 (CaJ), last dy/2wk Jan Curtin GrJ15 (AvJ). A=2.64, F=100%, W=52, R=84.1%, G=3.41.

WBS: 28 records from LBth and LGeo.

Misc: 268 non-breeding records, 26 breeding records.

Pied Currawong *Strepera graculina*

C.BR

GBS: Values largely similar to previous years, although average number seen (A=3.9882) is lower than for 1991-92 (4.3884), reversing the trend of previous years. Breeding recorded from 27 sites. First 1/5wk Jul Chapman GrI15 (BBG), last 1/3wk Nov Hughes GrK15 (AnI) and Farrer GrK16 (ReD). First dy/1wk Nov Bruce GrJ12 (HaK) and Holder GrJ15 (AsM), last dy/1wk Mar Page GrJ12 (AIB) (very late).

WBS: 2 records from LGeo.

Misc: 186 non-breeding records, 7 breeding records.

Grey Currawong *Strepera versicolor* C.BR
GBS: Considerably more widespread than in 1991-92, with records from 17 sites (although regularly recorded from only 2 sites in Campbell and Cook). 1 breeding record — dy/1wk, 2wk Dec Campbell GrL14 (RoC).
Misc: 47 non-breeding records, including 5/6 Mar Badja SF GrV30 (FyM). Breeding records — on/23 Aug Stirling Ridge GrK14 (NiJ), ny/1 Nov O'Connor Ridge GrK12 (McI), ny/10 Nov nr Rehwinkel's Animal Park GrP11 (LiM), dy/23 Dec Black Mtn GrK13 (HuG), dy/31 Jan Black Mtn GrK13 (McI).

RAVENS

Australian Raven *Corvus coronoides* C.BR
GBS: Average number seen (A=0.9399) marginally lower than in 1991-92 (1.0598), reversing the trend of the previous 5 years. Breeding recorded from 5 sites.
WBS: 19 records from LBth and LGeo.
Misc: 212 non-breeding records, 4 breeding records.

Little Raven *Corvus mellori* U.BR
GBS: Recorded from 2 sites — 1 wk, 2wk Aug Scullin GrI12 (FeP) and 3wk May Kambah GrI16 (WAH).
WBS: 18 records, all but 2 from LBth.
Misc: 31 non-breeding records.

CHOUGH

White-winged Chough *Corcorax melanorhamphos* C.BR
GBS: All values slightly higher than in 1991-92. Breeding records (dy) from Acton and Reid.
Misc: 68 non-breeding records, including 40/13 Feb O'Connor Ridge GrK13 (HuG), 35/11 Apr Lade Vale Rd GrK4 (FyM). 7 breeding records.

BOWERBIRD

Satin Bowerbird *Ptilonorhynchus violaceus* U.BR
GBS: Recorded from 9 sites, 7 in the Weston Creek area, and 1 each in Yarralumla and Kambah. All values except (F) slightly up on 1991-92, pattern otherwise unchanged.
Misc: 11 non-breeding records, including an unusual suburban record from the Woden area — 2/3 May Pearce GrJ15 (BeC).

LARKS

Singing Bushlark *Mirafra javanica* R.SM
WBS: 2/23 May LBth, The Morass GrZ7 (DoM).

Skylark *Alauda arvensis*

C.BR

GBS: Recorded at two sites — 1/4wk Aug Palmerston GrK11 (StM) and from 5wk Apr to 4wk Jun in numbers up to 12 at Curtin GrJ14 (AJR).

WBS: 16 records at LBthE and W GrY8 and The Morass GrZ7, most months in small numbers (up to 20). Also 6 records (of up to 10 birds) at LGeoN GrR6 throughout year (BrG, FyM). X/22 Aug at LGeoS GrR11 (LeB).

Misc: 28 non-breeding records in most months throughout the year.

PIPIT**Richard's Pipit** *Anthus novaeseelandiae*

C.BR

GBS: Recorded at 2 sites. During May and Jun in Curtin GrJ14 (AJR) and in Aug, May, Jun in Kambah GrI16 (WAH).

WBS: 20 records (max 16 birds) throughout the year at LBthE and W GrY8 and The Morass GrZ7. 7 records (max 23 birds) spread throughout the year at LGeo GrR6 and R11.

Misc: 53 records in all months except Feb and Jun. Only breeding record — cf/1 Jan Uriarra Rd GrG13 (FyM).

SPARROW AND GRASS-FINCHES**House Sparrow** *Passer domesticus*

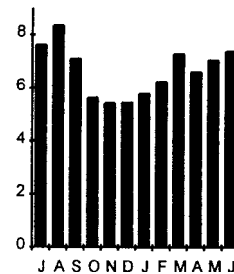
C.BR

GBS: Recorded at all sites and in all months. Statistical values are generally steady with the exception of the measure of abundance (A) which continues its downward trend, 1984-85 A=8.64, 1986-87 =8.75, 1988-89 =8.18, 1990-91 =6.66, 1992-93 =6.60.

Breeding records from 10 sites — first ne/1wk Oct Page GrJ12 (AlB) and Evatt GrJ12 (LaM), last dy/4wk Jan Page GrJ12. WBS: 1 record from LGeoS GrR11.

Misc: Records from most parts of the region and for all months.

1 breeding record — ny/25 Oct ANU campus GrK13 (McI).

**Double-barred Finch** *Taeniopygia bichenovii*

U.BR

GBS: Records from 7 sites, half of the records were from one site in Bruce GrK13 (BuM).

All months except Sep with most from 2wk Mar to end May.

Misc: 35 records including — 6/6 Jul Googong Dam GrO17 (GrB), 10/28 Aug Aranda Bushland GrJ13 (WeS), 10/26 Apr Tuggeranong Hill GrK17 (GrB) and 8/30 Jun Jerrabomberra Wetlands GrL14 (McI). No breeding records.

Red-browed Finch *Neochmia temporalis*

C.BR

GBS: Recorded consistently at 1 site in Acton GrK13 from wk Jul to 5wk Jan. Records at 9 other sites almost entirely confined to 2wk Mar to 4wk Jun. Apart from the indicator of the number of weeks recorded (W), values were down. Following high levels in 1990-91

(0.48) and 1991-92 (0.35), abundance (A) fell to a level more consistent with those recorded between 1984-90. A=0.1852, F=15.4, W=47, R=2.36, G=7.84.

WBS: Records from LGeoS GrR11 in Jul and Aug (LeB).

Misc: 88 records widespread around the region and covering all months. 4 breeding records — nb/25 Oct Stony Ck GrA2 (LeB), nb/14 Dec Naas R GrJ22 (BrM), dy/13 Feb O'Connor Ridge GrK13 (HuG), dy/8 Apr Coppins Crossing GrI14 (JoD).

Diamond Firetail *Stagonopleura guttata*

U.BR

Misc: 25 records, all months except Dec, including — 4/2 Aug Enchanted Hill area GrL17 (LeB), 5/6 Mar Hoskinstown area GrS17 (AlJ), 6/14 Mar Googong foreshores GrN17 (GrB), 6/5 Jun Lake Rd GrR11 (WrH).

FINCHES

European Greenfinch *Carduelis chloris*

U.BR

Misc: 2 records — 4/26 Jan and 2/14 Feb Jerrabomberra Wetlands GrL14 (McI).

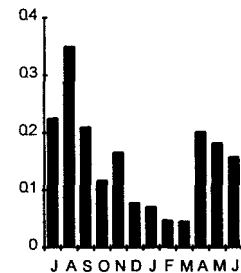
European Goldfinch *Carduelis carduelis*

C.BR

GBS: Measure of abundance (A) well down (1990-91 — 0.36, 1991-92 — 0.21). Recorded at 25 sites. A=0.1512, F=38.5%, W=51, R=5.79%, G=2.61.

WBS: 1 record in Oct at LBth and 2 in Nov at LGeo.

Misc: 94 non-breeding records.



MISTLETOEBIRD

Mistletoebird *Dicaeum hirundinaceum*

U.BM

GBS: Records from 11 sites. 1 or 2 birds in all weeks from 3wk Oct to 2wk Apr, with one late record — 3wk May Weston (BoJ).

WBS: 1 record from LGeoN GrR6 — 2/24 Feb.

Misc: 20 non-breeding records. First — 2/18 Oct Naas Ck valley GrJ27 (BoJ), last — 2/9 May Mundoonen NR GrJ2 (LeB).

SWALLOWS AND MARTINS

Welcome Swallow *Hirundo neoxena*

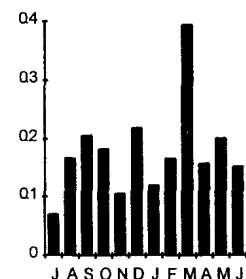
C.BR

GBS: Recorded at 29 sites — no breeding. Noted in all months but fewer in Jun, Jul. Flocks (20 — 40) occurring in Feb, Mar (apart from 1 flock of 20 in 3wk Dec). Abundance (A) and group size (G) down from 1991-92 (0.2955, 5.22 respectively). A=0.1756, F=44.6%, W=49, R=5.64%, G=3.11

WBS: 22 records in all months except Sep. Numbers varied from a few birds in winter months up to 150/2 Feb LGeoS GrR11 (FyM). Only 2 sightings at The Morass GrZ7 — 1/25 Oct and 2/27 Jun (both DoM).

Misc: 146 records in all months although only 5 in Jul and 7 in Jun.

5 breeding records — nb/20 Sep nr Coppins Crossing GrI13 (BuM), ny/13 Oct nr HMAS Harman GrM15 (LiM), on/25 Oct ANU GrK13 (McI), nb/16 Nov Paddys River Rd GrG17 (FyM) and nb/16 Dec Monaro Hwy GrL21 (FyM).



Tree Martin *Hirundo nigricans* C.BM
GBS: Recorded at 6 sites. Peak of numbers, number of sightings and group sizes, from Jan through to Apr, although scattered sightings of small numbers in other months except Dec, May and Jun.
WBS: 5 records (max 12 birds) at LBth GrY8 between 1 Oct and 20 Feb (LeM, CrI). 100/28 Dec The Morass GrZ7 (LeM), 25/24 Feb LGeoS GrR11 (FyM).
Misc: 36 records in all months except Jul and Jun. 1 breeding record — ih/18 Oct Gundaroo Rd GrM10 (BuM).

Fairy Martin *Hirundo ariel* U.BM
WBS: B/22 Aug LGeoS GrR11 (LeB).
Misc: 6 non-breeding records between 6 Sep and 8 Jan.

BULBUL

Red-whiskered Bulbul *Pycnonotus jocosus*
GBS: First reported record for the Canberra region — 1/16 May Kambah GrJ16 (WiS) (see also Wilson 1993).

OLD WORLD WARBLERS

Clamorous Reed-Warbler *Acrocephalus stentoreus* C.BM
GBS: Recorded from 1 site — 2 to 4 birds/1wk Sep to 5wk Jan Acton GrK13 (PeS).
WBS: 3 records from LGeo.
Misc: 29 non-breeding records.

Little Grassbird *Megalurus gramineus* U.BR
Misc: 5 non-breeding records, 4 from the Jerrabomberra Wetlands area, and 6/8 Nov Rose Lagoon GrU4 (FyM).

Rufous Songlark *Cincloramphus mathewsi* U.BM
Misc: 14 non-breeding records, including — 1/14 Nov Yass Showgrounds GrG3 (LeB) and 3/16 Jan Yaouk GrD26 (BrG).

Brown Songlark *Cincloramphus cruralis* U.BM
WBS: 1/1 Oct LBthE GrY8 (LeM).
Misc: Only 2 records following high numbers in 1991-92. 1/25 Oct Yass to Wee Jasper Rd GrF4 and 1/10 Jan nr Horse Park Hs GrL10 (both LeB).

Golden-headed Cisticola *Cisticola exilis* U.BR
GBS: Unusual suburban record — 2/4wk Jun Curtin GrJ14 (AJR).
WBS: 6 records from LGeo.
Misc: 19 non-breeding records, including some from higher altitude areas, e.g. — A/9 Jan nr Boboyan Rd GrH24 (JaG), 2/16 Mar Yankee Hat GrG25 (McD) and 2/31 Mar Bogong Ck GrH24 (FyM).

SILVEREYE

Silvereye *Zosterops lateralis*

C.BR

GBS: Recorded at all but one site, as was the case last year. Over time the measure of abundance (A) shows a small increase (1984-85 — 5.81, 1987-88 — 5.95, 1990-91 — 6.25, 1992-93 — 6.29). Distribution (F) and recording rate (R) remain fairly steady. Seasonal pattern similar, with lower numbers in Dec and Jan at most sites. Breeding reported from 9 sites in Ainslie, Bruce, Weetangera, Charnwood, Barton, Curtin and Rivett.

WBS: 2 records from LGeo.

Misc: 88 observations covering all months. 1 breeding record — dy/7 Mar Lowden Forest Pk GrW19 (AIR).

THRUSHES

Bassian Thrush *Zoothera lunulata*

U.BR

GBS: 2/1wk Apr Chapman GrI15 (McA).

Misc: 2/2 Aug and 1/16 Aug Stromlo pine forest GrI14 (DaB) (see also Dabb 1992), 1/29 May ANBG GrK13 (MuP).

Common Blackbird *Turdus merula*

C.BR

GBS: Recorded at 62 sites. Present throughout the year. Abundance similar to last few years. Breeding recorded at 11 sites with first records — n/4wk Sep Ainslie GrL13 (LeM), ny/5wk Oct Barton GrL14 (AJR), and last — dy/2wk Feb Page GrJ12 (AIB) and Weston GrJ15 (BoJ).

Misc: 61 records, covering all months. 1 breeding record — cf/23 Nov Jerrabomberra Wetlands GrL14 (LiM).

STARLING AND MYNA

Common Starling *Sturnus vulgaris*

C. BR

GBS: Remains by far Canberra's most common bird. Recorded at 98.5% of sites during all weeks of the year. However, abundance (A) shows a small decline over the past eight years (1984-85 A=13.10, 1987-88 =12.02, 1991-92 =11.77, 1992-93 =10.75) Distribution (F) and recording rate (R), remain unchanged. Breeding recorded at 14 sites.

WBS: Usually present at LBth, The Morass and LGeo. Largest number 400/24 Jan LBthE GrY8 (LeM).

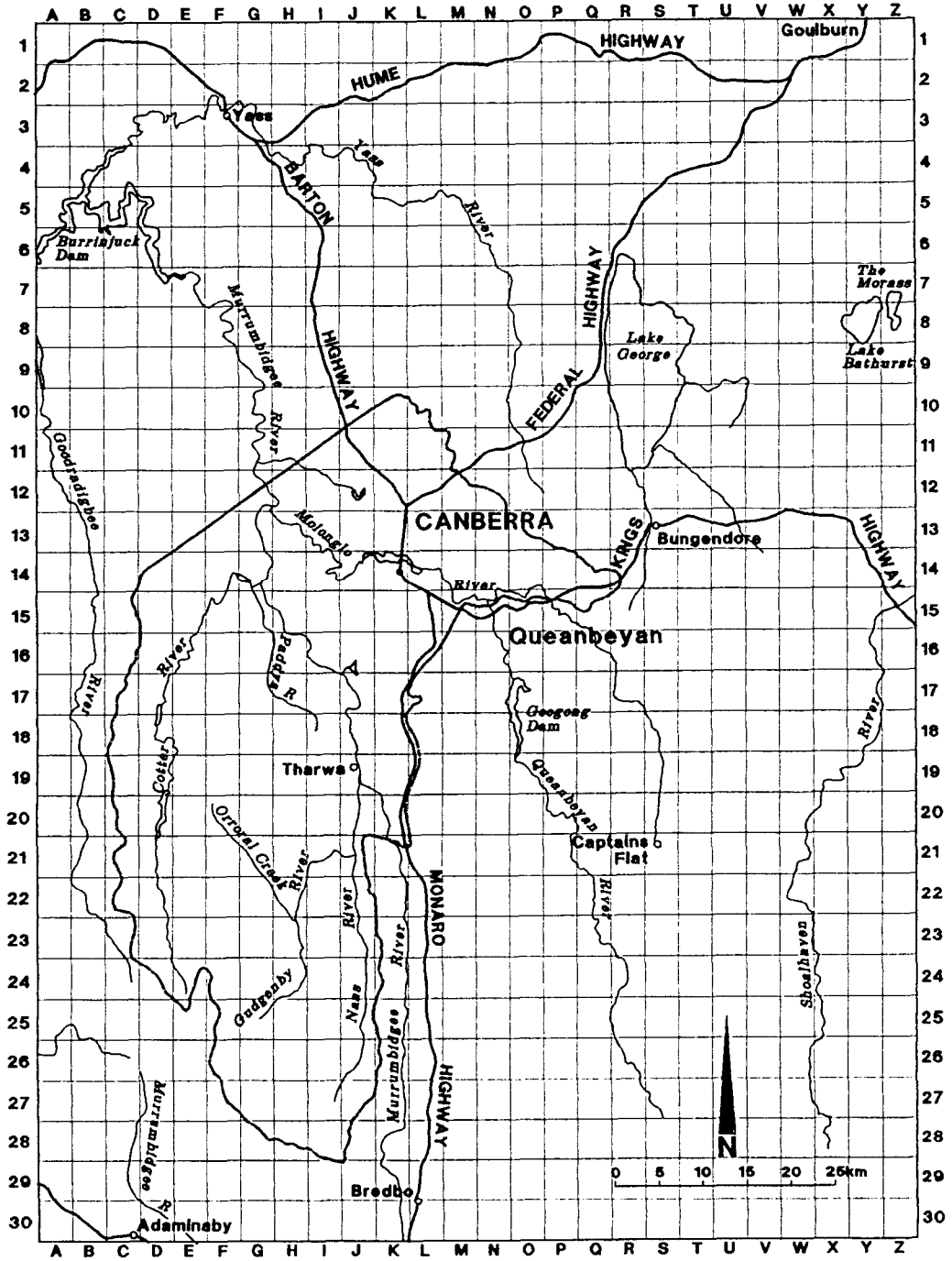
Misc: 199 non-breeding records. 12 breeding records.

Common Myna *Acridotheres tristis*

C. BR

GBS: An uncharacteristic drop in the abundance value (A) following marked increases since 1984-85 A=0.584, 1986-87 A=0.660, 1988-89 =1.202, 1991-92 =3.729. Distribution, however, continues to expand — 1984-85 F=33, 1986-87 =34.83, 1988-89 =46.4, 1991-92 =70.5. The recording rate (R) has also risen by 150% since 1984-85 R=18. A=2.1505, F=76.9%, W=52 R=45.08%, G=4.77. Breeding recorded at 7 sites.

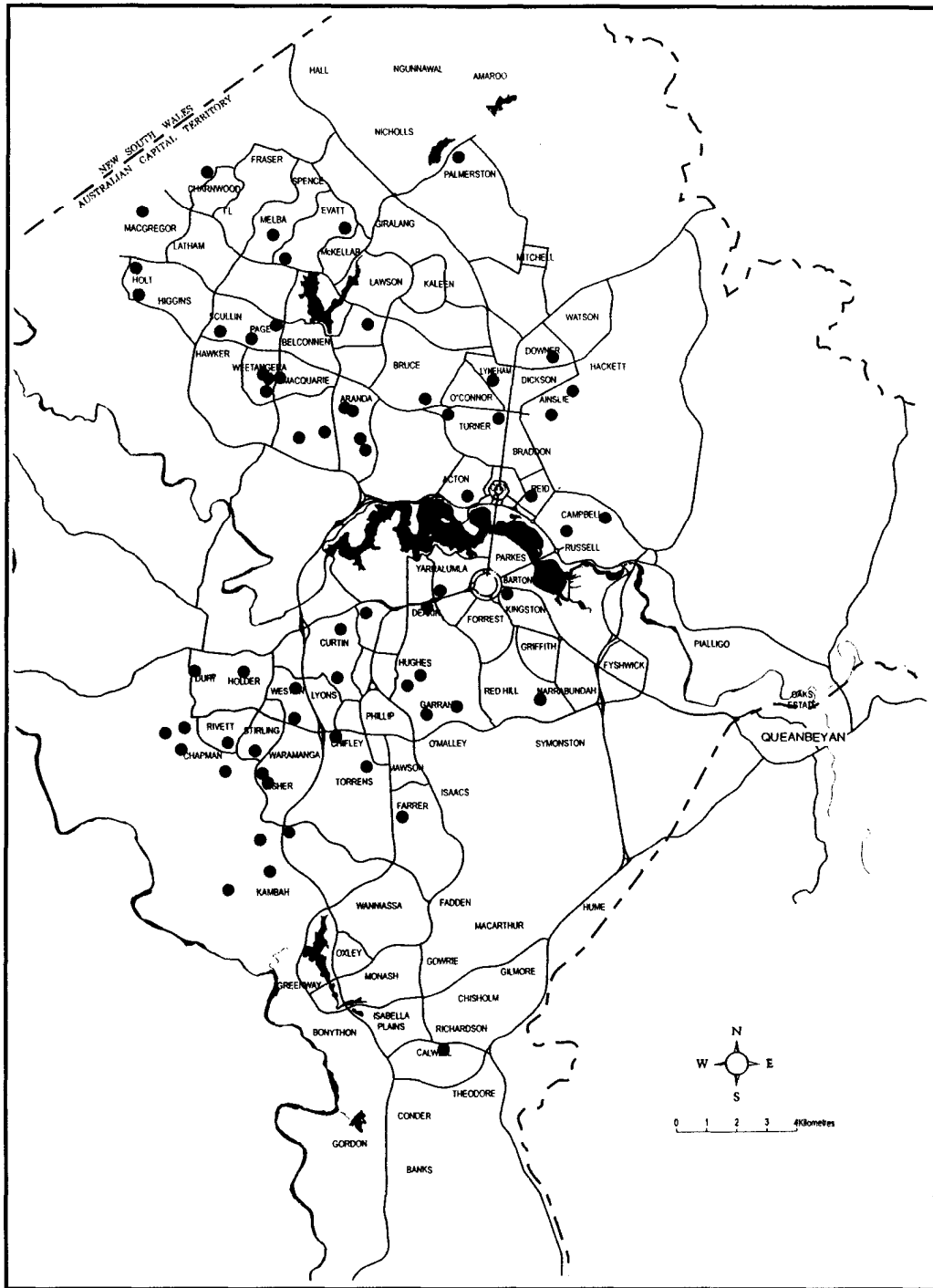
Misc: 50 non-breeding records. 1 breeding record — dy/19 Jan Ainslie GrL13 (TaM).



Map 2. Location of the COG Database grids.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1																											
2	x									x															x		
3								x														x					
4					x					x	x											x					
5														x													
6								x	x	x									x								
7				x								x															x
8													x												x	x	x
9			x										x					x				x		x			
10			x			x	x	x		x	x	x	x	x	x	x											
11			x					x	x	x	x	x	x	x	x	x		x	x	x							
12				x		x	x	x	x	x	x	x	x	x	x		x		x	x							
13					x	x	x	x	x	x	x	x	x	x		x											x
14			x	x		x		x	x	x	x		x														x
15		x	x	x	x			x	x	x	x	x	x	x	x	x	x	x									x
16		x	x	x	x	x	x	x	x	x	x		x									x	x				
17		x	x		x	x	x	x	x	x	x	x	x	x	x							x	x				
18			x		x	x		x	x			x	x	x											x		
19		x								x		x											x	x	x		
20								x	x		x	x															
21							x			x		x		x									x				
22			x				x			x																	
23							x																				
24							x	x	x					x	x	x	x	x									
25							x	x	x	x																	
26				x	x		x	x																			
27				x			x	x	x	x	x																x
28			x				x	x	x																	x	
29			x				x																			x	x
30			x	x	x	x	x																				x

Map 3. Grid cells from which data were collected in 1992–93.



Map 4. Location of Garden Bird Survey sites from which data were collected in 1992–93.

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(Continued from inside front cover)

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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 5000 words); short notes and "Odd Obs" (up to about 400 words); reviews of books and articles (up to about 800 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 do David Purchase, 5 Orchard Place, Melba, ACT 2615 (Tel 6258 2252).

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