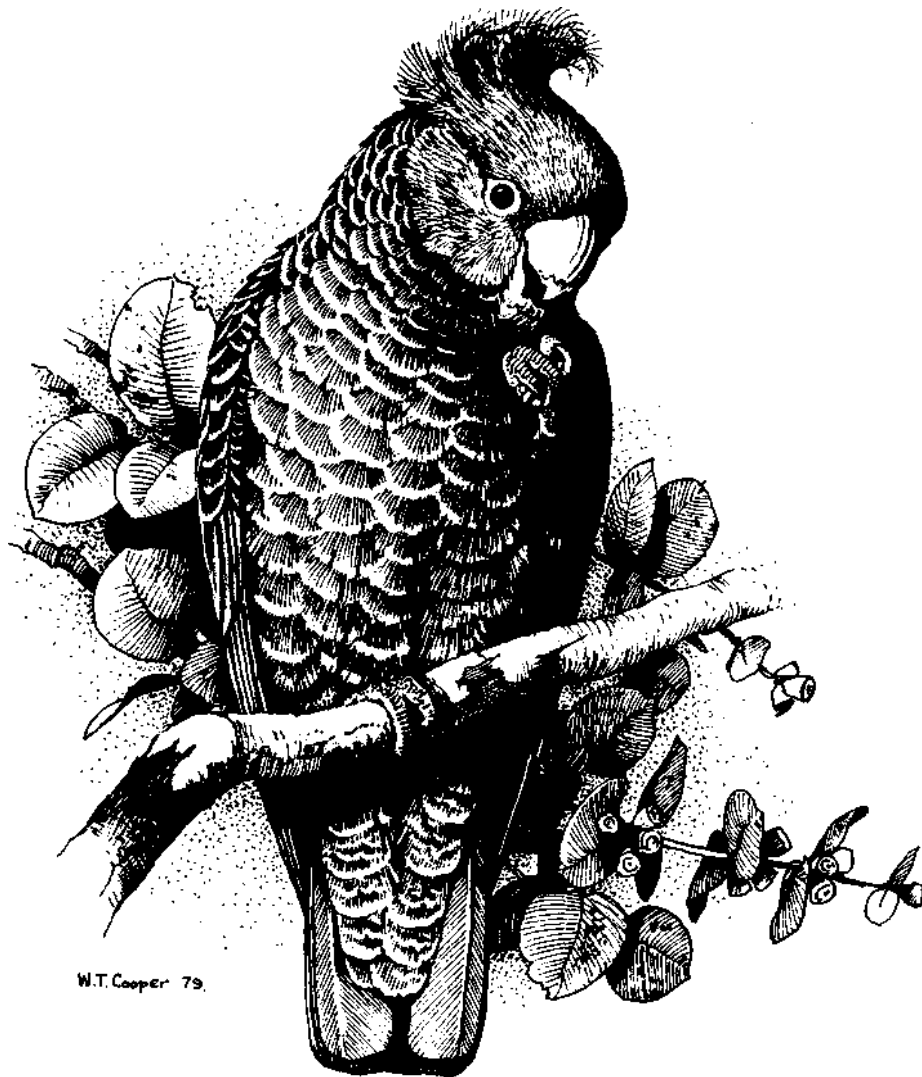


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INTRODUCTION

The 1983-84 Annual Bird Report largely conforms in style and content to the precedents laid down in the 1982-83 Report. The quality and quantity of records contained in this year's Report match or even surpass the previous years. This year an emphasis has been placed on brevity to keep production costs down. Some tables have been compressed or omitted but it is hoped that this will not detract from the usefulness of the Report as a repository for data.

It will be noticed that the table entitled GBS Figures has been dropped and that the histograms have been placed next to the species entry. A summary of GBS data has also been included with each entry.

The names of birds and the order in which they appear conform with the RAOU's 'Recommended English Names for Australian Birds, Emu 77, Supplement (May 1978).

The status of each species has been given in an abbreviated form, although the conventional definition of each status has remained unchanged (see CBN 9 (3) 53). The status of each bird consists of two parts, abundance and breeding status, separated by a period. For example 'MC.BR' means moderately common breeding resident. Abbreviations are as follows

ABUNDANCE		BREEDING STATUS	
C	common	A	altitudinal migrant
I	irregular	BM	breeding migrant
L	localised	BR	breeding resident
MC	moderately common	BV	breeding visitor
O	occasional	BSM	breeding summer migrant
R	rare	E	escapee
U	uncommon	N	nomad
VC	very common	NBSM	non-breeding summer migrant.
VR	very rare	PM	partial migrant
VU	very uncommon	SU	status uncertain
		SV	summer visitor-
		OW	over-wintering
		V	visitor
		WM	winter migrant

A further variable has been added for each species recorded during the Garden Bird Survey. The value shown as represents the percentage of sites at which each species was recorded. For example, under the species entry for Superb Fairy Wren the value of F is 51%. This means that this species was recorded in 51% of all gardens surveyed.

HIGHLIGHTS

The highlights of the 1983-84 bird-watching year in the Canberra area include the following

1. substantial reduction in the numbers of waterbirds;

this was particularly apparent on Lake Bathurst whose importance as a refuge has been underlined by the recent drought;

2. the first record of a Scaly-breasted Lorikeet;

3. the second record of a Scarlet Honeyeater;

4. the first record of a Musk Lorikeet for at least a decade

5. first breeding record of the Little Bittern;

6. second breeding record of the Yellow Thornbill;

7. records of the following unusual species Blue-billed Duck

Bailion's Crake, Red-necked Avocet, Eastern Curlew, Common sandpiper, Greenshank, Swift Parrot, White's Thrush, Black-faced Monarch, Brown Gerygone, Zebra Finch;

8. unusual breeding records of the Great Crested Grebe and Eurasian Coot;

9. a return to 1991-92 levels for the Yellow-faced Honeyeater after very low numbers in 1992-83;

10. a continued increase in numbers of the Crested Pigeon;

11. a continued decline in the numbers of Striated and Spotted Pardalotes;

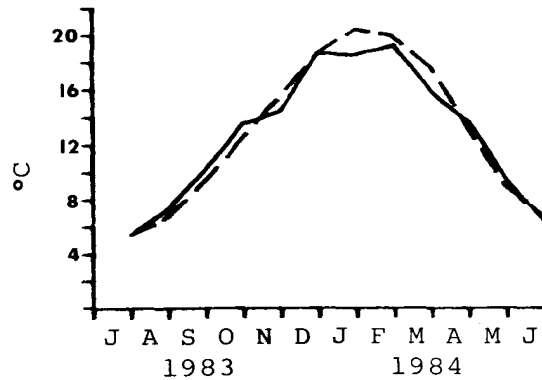
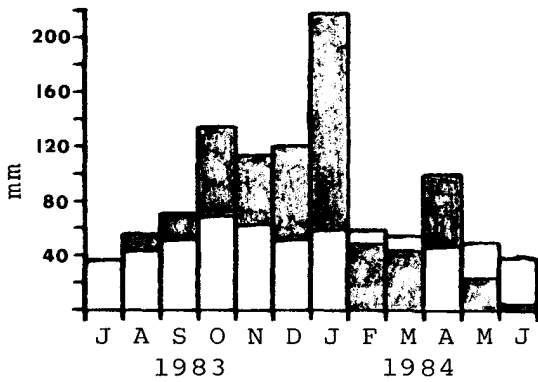
12. the first record of a colony of Greenfinches at the end of Lake Burley Griffin.

The twelve-month period covered by this report was generally cooler and wetter than average. Total rainfall over the period approached 1000mm, the long-term average being only about 600mm. The spring and summer were particularly mild and wet. Rainfall for the months October-January was more than double the average, while temperatures were some degrees below average. This trend was reversed during the last two months of the period, which were both drier than usual.

FIGURE 1.

a). 1983-84 (shaded) and Long-term Average Monthly Rainfall.

b). 1983-84 (solid line) And Long-term average (dashed line) Mean Temperatures.



WATERBIRD SURVEY

The Waterbird Survey (WBS) data were collected in Bi-monthly visits to the urban lakes and monthly visits to Lake Bathurst. Lake George was not surveyed during the year but with proposed development on Lake Tuggeranong, data have been included from the silt trap on Tuggeranong Creek and Village Dam on Village Creek.

The breaking of a four-year drought in the autumn of 1983 has greatly influenced the activity of waterbirds within the region, with many species breeding. The water levels of the two artificial urban lakes have been little affected while those of Lakes Bathurst and George have gradually increased (see Table 1).

TABLE 1. Water Levels (m)*

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBath	0.97	1.14	1.11	1.05	1.04	1.11	1.15	1.20	1.22	1.2:	1.22	1.21
LGeo		0.58	0.58	0.63	0.64	1.10	1.05	1.07	1.19	1.22	1.03	1.1

* Values kindly supplied by the Bureau of Mineral Resources

Surveys of avifauna at the proposed Museum of Australia site at Yarramundi Reach on Lake Burley Griffin (Museum Site Survey MSS) have allowed a greater degree of detail to be obtained for this area. We wish to thank the National Capital Development Commission for permission to publish results gathered during the survey.

Waterbird numbers from Lakes Bathurst, Burley Griffin, Ginninderra and Tuggeranong are shown in Tables 2-5. There has been a 59% reduction in the overall number of birds at Lake Bathurst and since the drought broke during the autumn of 1983, the average number of species seen has dropped from 30 to 20. This general trend is also reflected in the survey data for both Lakes Burley Griffin and Ginninderra.

As in the previous year, the number of birds on Lake Bathurst peaked in November/December but this year there was also a second' peak in May. Many species bred on Lake Bathurst for the first time since the start of the Water Bird Survey.



Tail feathers of the Laughing Kookaburra *Dacelo novaeguineae*, with characteristic raptor-like barring. For the 1983-84 summary of this species. see p. 65.

	Lake Bathurst Waterbird Counts									Apr	May	Jun
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar			
Great Crested Grebe	1	3	0	?		5	0	0	-	0	0	0
Hoary-headed Grebe	131	128	115	89	70	149*	81*	93	-	346	258	138
Australasian Grebe	0	0	0	0	0	0	0	18	-	0	31	0
Australian Pelican	0	8	0	0	0	0	0	0	-	0	0	0
Great Cormorant	0	0	1	4	1	3		3	-	0	0	0
Little Pied Cormorant	0	0	0	0	0	0	1	4	-	1	7	4
Pacific Heron	0	0	0	0	1	0	0	0	-	0	0	0
White-faced Heron	1	0	0	0	2	0	0	7	-	4	?	4
Straw-necked Ibis	0	0	0	0	0	0	7	0	-	10	0	4
Royal Spoonbill	0	0	0	0	1	0	0	1	-	0	0	0
Yellow-billed Spoonbill	4	0	0	0		2	0	0	-	0	0	0
Black Swan	133*	572*	1220	1374*	1430*	1199*	1021*	1023*	-	289	481	407
Freckled Duck	0	0	0	0	0	0	10	0	-	0	6	0
Australian Shelduck	169	73	37*	31	239	106	467	269	-	28	61	107
Pacific Black Duck	27	8	4	6	31	25	35	63	-	171	181	211
Mallard	1	0	0	0	0	0	0	0	-	0	0	0
Grey Teal	216	121*	55	125	1208	713	318	496*	-	341*	1206	750
Chestnut Teal	177	57*	323	32*	39*	93	40	150	-	26	555	78
Teal sp.	0	0	0	0	0	1100	0	0	-	1:8	0	100
Australian Shoveler	19	14	30	151	1282	1173*	389	838	-	74	1517,	405

	Jul	Aug	TABLE	(Conti	Dec	Jan	Feb	Mar	Apr	May	Jun
			2.	Nov							
			Sep	Oct							
Pink-eared Duck	0	0	0	4	78	140	16	2	0	19Z,	66
Hardhead	0	0	5	1	22	9	0	2	17*	158	70
Maned Duck	0	0	16	0	7	47*	38	46	21	8	50
Blue-billed Duck	58	20	12	20	1	7	6	6	1	69*	106
Musk Duck	47	26	8	8	39	24	12*	9*	20	37	6
Eurasian Coot	1850	1850	690	446	1011	326	629	829	1128	2410	63
Masked Lapwing	74	92*	48	110*	65	158	159	166	111	281	156
Banded Lapwing	4	0	17*	13	4*	18	0	0	0	1	0
Red-kneed Dotterel	0	0	0	0	1	1	0	30	0	0	0
Double-banded Plover	91	16	0	0	0	0	0	0	45	152	51
Red-capped Plover	158	75	32	147	99*	80	110	179	193	213	179
Black-fronted Plover	5	0	0	0	0	1	0	0	15	24	0
Black-winged Stilt	0	0	15	46	11	83	26	0	0	8	4
Red-necked Avocet	0	0	12	13	2	0	0	0	0	0	0
Eastern Curlew	0	1	0	0	0	0	0	0	0	0	0
Sharp-tailed Sandpiper	0	0	300	193	131	61	50	180	1	0	0
Red-necked Stint	39	38	2	68	54	62	100	82	0	1	0
Curlew Sandpiper	58	202	450	20	15	11	0	0	0	0	0
Silver Gull	1250	381	1394	2770	1176	1582	527	583	236	528	1762
Whiskered Tern	0	0	0	12	0	7	0	0	0	0	0
Total	4514	3688	4786	5690	7027	7180	4045	5082	- 3546	7029	5029
Species	23	19	22	25	29	27	22	24	- 22	25	22

Aug	Lake Burley Griffin Waterbird Counts					
	Oct	Dec	Feb	Apr	Jun	
Great Crested Grebe	1	7	3	9	7	0
Hoary-headed Grebe	11	4	53	14	58	33
Australasian Grebe	33	0	4	12	96	117
Australian Pelican	17	22	16	2	0	0
Great Cormorant	75	98	49	26	0	0
Pied Cormorant	0	0	0	1	0	1
Little Black Cormorant	25	49	27	23	19	10
Little Pied Cormorant	43	4	0	8	28	35
Pacific Heron	0	0	0	5	1	0
White-faced Heron	3	3	7	1e	20	5
Cattle Egret	3	5	0	0	-3	17
Great Egret	0	1	0	0	5	50
Rufous Night Heron	0	0	0	1	0	0
Little Bittern	0	0	0	0	0	n
Sacred Ibis	3	2	0	0	0	-
Straw-necked Ibis	0	1	0	0	0	
Royal Spoonbill	0	1	0	0	0	
Yellow-billed Spoonbill	0	0	0	1	2	0
Black Swan	2	2	9	3	1	2
Australian Shelduck	0	0	0	0	0	2
Pacific Black Duck	82	88*	197*	235*	369	:45
Mallard	0	3	0	0	0	2
Grey Teal	9	1	36	4	21	39
Chestnut Teal	0	0	?	0	0	0
Australian Shoveler	0	0	6	4	4	71
Pink-eared Duck	0	0	2	0	0	e,
Hardhead	3	4	17	11	17	93
Maned Duck	8	71	180*	200	219	217
Musk Duck	31	22	15	25	17	10
Dusky Moorhen	58	26	65	67	134	172
Purple Swamphen	158	60	47	115	109	95
Eurasian Coot	1308	23	147	92	552	587
Masked Lapwing	8	40	58	28	32	30
Black-fronted Plover	6	3	5	3	3	3
Latham's Snipe	0	6	10	25	0	0
Silver Gull	175	148	1157	873	1178	526
Total	2062	693	2112	1808	2895	2374
Species	22	25	23	27	23	23

* = non-flying young present but not included.

TABLE 4.		Lake Ginninderra Waterbird Counts					Jun
Aug		Oct	Dec	Feb	Apr		
Great Crested Grebe		- 2	0	-	0	0	
Hoary-headed Grebe		- 0	6	A	0	(15)	
Australasian Grebe		- 0	0	-	(22)	(28)	
Great Cormorant		- 0		5, 1, 1	0	0	
Little Black Cormorant		- 0	15	-	(2)	0	
Little Pied Cormorant		- 1	0	-	(5)	(3)	
White-faced Heron		- 0	0	-	(1)	(1)	
Great Egret		- 0	1	-	0	0	
Black Swan		- 0	1	-	0	0	
Pacific Black Duck		- 10	62*	-	(38)	(10)	
Mallard		- 4	3	-	0	(4)	
Maned Duck		- 0	96	-	(115)	(9)	
Musk Duck		- 0	3	-	0	5	
Dusky Moorhen		- 12	42	-	(46)	(31)	
Purple Swamphen		- 2	11*	-	(17)	(7)	
Eurasian Coot		- 2	8	-	(152)	(212)	
Masked Lapwing		- 5	8	-	(2)	(2)	
Silver Gull		- 0	100	-	0	0	
Domestic Goose		- 0	3	-	(3)	(2)	
Total		- 38	362		(403)	(329)	
Species		- 8	13	-	(11)	(13)	

TABLE 5.		Tuggeranong Lakes Waterbird Counts					Apr	
Aug		Sep	Oct	Nov	Dec	Feb	Mar	
Hoary-headed Grebe		0	0	0	2	1 1	0	0
Australasian Grebe		0	0	0	0	0 1	0	3
Great Cormorant		0	2	3	3	9 1	0	0
Little Black Cormorant		0	1	7	0	0 0	0	0
Little Pied Cormorant		0	0	0	0	0 0	0	14
White-faced Heron		0	1	2	2	9 0	1	1
Sacred Ibis		0	0	0	0	1 0	0	0
Pacific Black Duck		4	5	5	35*	37* 15	18	11
Mallard		0	0	1	1	1 0	4	3
Grey Teal		0	0	4	11	8 0	0	6
Maned Duck		4	2	3	0	0 6	14	14
Dusky Moorhen		16	4	4	6	3 8	6	10
Purple Swamphen		3 3	4	2	4	3 4	1	5
Eurasian Coot		28	0	4	8	9 7	3*	Et
Masked Lapwing		0	1	0	2	2 2	3	1
Black-fronted Plover		1	4	3	5	5 4	5	5
Common Sandpiper		0	1	0	0	0 0	0	0
Latham's Snipe		0	0	1	3	5 0	0	0
Total		56	25	39	82	93 49	55	81
Species		6	10	12	12	13 10	9	12

* = non-flying young present but not included, () = incomplete data,

GARDEN BIRD SURVEY

The Garden Bird Survey (GBS) is based on data collected on Garden Bird Charts. Seventy-two charts were received for 1983-84. Survey sites are shown on Fig. 3. Of these sites, 46 were also surveyed in 1982-83.

For the methods used in GBS analysis, see CBN 8(1), 5-8 and 9(3), 59-60 and 65.

Table 6 shows the relative abundance of each species by the value of 'T', the percentage change on 1982-83 (dT) and the percentage of the total bird population which each species constitutes. After a generally poor year in 1982-83, many of the more common species were recorded more frequently this year. Indeed, some such as the Yellow-faced Honeyeater, Feral Pigeon and Red Wattlebird appear to have returned to their 1981-82 levels. Notable exceptions are the Yellow-rumped Thornbill and Eastern Rosella. Numbers of these species have fallen steadily over the past three years.

Among the less common species ($T < 100$), the great majority were recorded less frequently in 1983-84 than in 1982-83. Interestingly, many of these species in this group registered increases in 1982-83 over 1981-82. Note how numbers of both species of pardalote are only a fraction of their 1981-82 levels. The thornbills, finches and Grey Currawong have mostly returned to 1981-82 levels after higher numbers last year. There were considerable decreases in the numbers of the Dollarbird and Noisy Miner.

The gain in numbers among the more common species and the drop among the less common ones appear to have balanced one another, because the sum of all values of T (8203) is little changed from 1982-83. That is to say, the total numbers of birds recorded in both years are comparable.

Table 7 lists common species recorded in the GBS in accordance with the distribution of each species. The percentage figure represents the percentage of survey sites in which the species was recorded.

A number of interesting features are apparent. Species such as the Black-faced Cuckoo-shrike, Laughing Kookaburra, Willie Wagtail and Pallid Cuckoo do not rank very highly in terms of total numbers recorded (see Table 6) but are relatively widespread. For other species, such as the Feral Pigeon, the converse is true they are present in substantial numbers but have a relatively restricted distribution. Note that the Eastern Rosella is more widespread than the Crimson Rosella, but overall its numbers are lower.

--		T TABLE 4. (Cont)			T dT %		
SPECIES		dT	%	SPECIES		dT	%
Red-browed Firetail	13	-19	11	Scarlet Robin	2.9	-15	11
White-eared Honeyeater	12	-20		White-throated Needletail	2.7	-96	
Golden Whistler	9.1	-9		Crescent Honeyeater	2.6	-88	
Grey Currawong	8.8	56		Leaden Flycatcher	7.6	-50	
Grey Shrike-Thrush	8.1	-55		White-browed Scrubwren	2.0	54	
Masked Lapwing	7.9	--		White-throated Gerygone	1.9	-69	
Buff-rumped Thornbill	7.0	-60		Mistletoebird	1.7	-61	
Pallid Cuckoo	7.4	-13		Sacred Kingfisher	1.6	16	
Dollarbird	7.3	-54		Yellow Thornbill	1.4	1300	
Brown Thornbill	6.4	-51		Collared Sparrowhawk	1.4	-13	
Australian Hobby	6.0	-27		Rufous Songlark	1.2	-45	
Brown-headed Honeyeater	5.9	-19		Speckled Warbler	1.1	10	
Varied Sittella	5.9	-51		Rainbow Bee-eater	1.1	-42	
Australian Kestrel	5.7	-30		Skylark	0.9	--	
Olive-backed Oriole	5.2	-20		Rose Robin	0.8	167	
Tree Martin	4.8	-60		Yellow Rosella	0.8	--	
Southern Boobook	4.7	-49		Common Bronzewing	0.8	300	
White-winged Triller	4.7	327		Little Raven	0.7	-91	
White-throated Treecreeper	4.4	-42		Western Gerygone	0.7	-74	
New Holland Honeyeater	3.8	533		Australian Goshawk	0.7	-61	
Dusky Woodswallow	3.4	-77		Black-shouldered Kite	0.7	-71	
Fan-tailed Cuckoo	3.0	36					

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TABLE 6. (Cont)

SPECIES	T	dT	%	SPECIES	T	dT	%
Horsfield's Bronze-Cuckoo	0.5	-86	<1	Budgerigar	0.1	--	<1
Shining Bronze-Cuckoo	0.5	-44		Peachface	0.1	--	
Brown Falcon	0.4	0		Barking Owl	0.1	--	
Rainbow Lorikeet	0.4	--		Richard's Pipit	0.1	-91	
Satin Flycatcher	0.4	0		White's Thrush	0.1	--	
Restless Flycatcher	0.4	-60		Jacky Winter	0.1	-67	
Rufous Fantail	0.4	33		Crested Shrike-tit	0.1	0	
Peregrine Falcon	0.3	-50		Clamorous Reed-Warbler	0.1	-90	
Yellow-tailed Black-Cockatoo	0.3	--		Little Wattlebird	0.1	--	
Superb Parrot	0.3	--		Regent Honeyeater	0.1	--	
Tawny Frogmouth	0.3	-81		White-bellied Sea-Eagle	<0.1	--	
Port Lincoln Ringneck	0.3	--		Peaceful Dove	(")0.1		
Indian Ringneck	0.3	--		Glossy Black-Cockatoo	<0.1	--	
White-backed Swallow	0.2	--		Scaly-breasted Lorikeet	<0.1	--	
Flame Robin	0.2	-94		Red-capped Parrot	<0.1	--	
Eastern Yellow Robin	0.2	-93		Long-billed Corella	<0.1	--	
Satin Bowerbird	0.2	-82		Fork-tailed Swift	0.1	--	
Wedge-tailed Eagle	0.1	-80		Black-faced Monarch	0.1	--	
Little Eagle	0.1	-80		Little Friarbird	/0.1	--	
Crested Pigeon	0.1	--		Scarlet Honeyeater	0.1	--	
Spotted Turtledove	0.1	--		Grey Butcherbird	<0.1	--	
Little Corella	0.1	--					

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TABLE 7. GARDEN BIRD SURVEY SPECIES RANKED BY DISTRIBUTION
(percentage of gardens in which species was recorded)

Species	%	S p e c i e s	
Common Starling	99	Weebill	31
Australian Magpie	99	Masked Lapwing	31
Galah	97	Sacred Kingfisher	29
Silvereye	97	Double-barred Finch	29
House Sparrow	97	Southern Boobook	28
Pied Currawong	97	Leaden Flycatcher	28
Eastern Rosella	96	Indian Mynah	28
Red Wattlebird	94	Striated Thornbill	25
Noisy Friarbird	94	Fan-tailed Cuckoo	22
Australian Magpie-lark	94	White-throated Gerygone	22
Sulphur-crested Cockatoo	93	Brown Thornbill	19
Crimson Rosella	93	Brown Goshawk	18
Black-faced Cuckoo-shrike	92	Collared Sparrowhawk	18
Yellow-faced Honeyeater	90	Noisy Miner	18
Australian Raven	88	White-winged Chough	18
Laughing Kookaburra	85	White-throated Treecreeper	14
Willie Wagtail	83	Satin Flycatcher	13
Blackbird	82	Buff-rumped Thornbill	13
Yellow-rumped Thornbill	81	Crescent Honeyeater	13
Eastern Spinebill	71	White-throated Needletail	11
White-naped Honeyeater	65	Dusky Woodswallow	11
Striated Pardalote	64	Shining Bronze-Cuckoo	10
Gang-gang Cockatoo	64	Rufous Fantail	10
Grey Fantail	62	White-browed Scrubwren	10
European Goldfinch	60	Western Gerygone	10
Rufous Whistler	58	Varied Sittella	10
Feral Pigeon	57	Mistletoebird	10
Superb Fairy-wren	51	Red-browed Firetail	10
Australian King-Parrot	50	Brown-headed Honeyeater	8
White-eared Honeyeater	50	Horsfield's Bronze-Cuckoo	8
Red-rumped Parrot	47	Brown Falcon	7
Pallid Cuckoo	47	Rainbow Bee-eater	7
Grey Shrike-thrush	46	Tree Martin	7
Fuscous Honeyeater	46	Rose Robin	7
Spotted Pardalote	44	Peregrine Falcon	6
White-plumed Honeyeater	43	Common Bronzewing	6
Golden Whistler	42	Rainbow Lorikeet	6
Grey Currawong	42	Tawny Frogmouth	6
Dollarbird	40	Flame Robin	6
Olive-backed Oriole	38	Eastern Yellow Robin	6
Welcome Swallow	35	Restless Flycatcher	6
Australian Hobby	33	Little Raven	6
Australian Kestrel	32	Black-shouldered Kite	4

TABLE 7.	Species	(Cont)	%	Species
Wedge-tailed Eagle	4	Budgerigar		3
				0
Little Eagle	4	Yellow Rosella		3
Rufous Songlark	4	Peachface		3
Speckled Warbler	4	Skylark		3
Little Wattlebird	4	White's Thrush		3
				0
Spotted Turtle-Dove	3	Crested Shrike-tit		3
				-
				0
Little Corella	3	Yellow Thornbill		3
Superb Parrot	3	24 species		

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ABBREVIATIONS

GBS	Garden Bird Survey
HS	Homestead
LBath	Lake Bathurst
LBG	Lake Burley Griffin
LBGE	Lake Burley Griffin at end/Jerrabomberra Wetlands
LGeo	Lake George
LGin	Lake Ginninderra
LTug	Tuggeranong Weir / Village Dam
MSS	Museum Site Survey
Pr	Pair
Qbn	Queanbeyan
Rec	Record
Tid	Tidbinbilla Nature Reserve
WBS	Water-bird Survey

SYSTEMATIC LIST

EMU

EMU *Dromaius novaehollandiae* SU.

Addendum to CBN 8(1),15: unusual local rec - party of 3/autumn 1982, Tinderry Range (J. Cushman).

GREBES

GREAT CRESTED GREBE *Podiceps cristatus* SU (UV??)

Urban lakes: LBG greater numbers than in 1982-83 (WBS); LBGE recorded occasionally, max 7/25 Oct (Ross); LGin 2 building nest/23 Oct (WBS); bred LBG west end (MSS).

LBath: lower numbers than in 1982-83.

HOARY-HEADED GREBE *Poliiocephalus poliocephalus* C. BN.

Urban lakes: LBG numbers fluctuated with max in Dec and Apr

LGin very few seen but max Jun (WBS).

LBath: a decline in numbers from Oct-Mar with 1 nest found in Dec (WBS).

AUSTRALASIAN GREBE *Tachybaptus novaehollandiae* VC. BR.

Urban lakes: LBG a decline in numbers from Oct-Feb; LBGE always present (Ross); LGin no sightings until Apr (WBS).

LBath: no sightings till Feb, unlike last year when none seen at all (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
Great Crested Grebe												
LBG	-	1	-	7	-	3	-	9	-	7	-	0
LBath	1	3	0	2	5..J	-7	0	0	-	0	0	0
Hoary-headed Grebe												
LBG	-	11	-	4	-	53..1..	-	14	-	58	-	3
LGin	-	-	-	0	-	6	-	-	-	(0)	-	(15)
LTug	-	0	0	0	2	1	-	1	0	0	-	-
LBath	131	128	115	89	70	149*	81	93	-	346	258	13
Australasian Grebe												
LBG	-	33	-	0	-	4	-	12	-	96	-	11
LGin	-	-	-	0	-	0	-	-	-	(22)	-	(28)
LTug	-	0	0	0	0	0	-	1	0	3	-	-
LBath	0	0	0	0	0	0	0	18	-	0	31	0

Note: - = no count done.

* = non-flying young present but not included.

() = incomplete count.

PELICAN

AUSTRALIAN PELICAN *Pelecanus conspicillatus* MC.V.

Urban lakes: LBG in much lower numbers than in previous years;

LGin no recs (WBS); LBGE usually 5-6 present (Ross).

LBath: 3/21 Aug (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBG	-	17	-	277	-	16	-	-)		-	0	- 0

DARTER AND CORMORANTS

DARTER *Anhinga melanogaster* C.BR.

Not recorded during WBS; LBGE 1-2 recorded occasionally, no breeding recs(Ross).

GREAT CORMORANT *Phalacrocorax carbo* C. BV.

Urban lake=s: LBG fewer than in 1982-83 with numbers decreasing during the year (WBS); LBGE recorded regularly with nesting in Feb (Ross).

LBath: slightly greater numbers than in 1982-83, though only observed during spring and summer (WBS).

PIED CORMORANT *Phalacrocorax varius* VU.V.

Four unusual records: 2/25 Sep, LBGE (Ross); 1/5 Feb, LBG (WBS); 1/1 May, LBGE (Ross); 1/24 Jun, LBG (WBS).

LITTLE BLACK CORMORANT *Phalacrocorax sulcirostris* VC.BR.

Urban lakes; LBG fewer than in 1982-83, numbers decreased during the year (WBS).

LBath: no recs.

LITTLE PIED CORMORANT *Phalacrocorax melanoleucos* VC.BR.

Urban lakes LBG fewer than in 1982-83, max during winter; 'Gin ma'• 5, compared with no recs in 1982-83 (WBS).

LBath: no recs in first half 04 year, numbers lower than in 198'-87.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Great Cormorant												
LPG	-	75	-	93	-	49	-	26	-	0	-	0
LGin				2		3				(0)		(0)
LTug	-	0			3	9	-	1	0	0	-	-
L-t 0			1	4	1	3 3 ,)		6	-	0	0	0
Little Black Cormorant												
LBs		J		4?	-	27	-	23-		19	-	10
i _n	-	-	-	0	-	15	-	-	-	(2)	-	(0)
LTug		0	1	7	0	0	-	0	0	0	-	

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
	Little Pied Cormorant											
LBG	-	43		4		0			-	28		
LGin	-			1		0			-	(5)		(3)
LTug	-	0	0	0	0	0		0	0	14		-
LBath	0	0	0	0	0	0	1	4		1	7	4

HERONS AND EGRETS

PACIFIC HERON *Ardea pacifica* MC.BV

Very few recs, none from LGin. Unusual rec: 1/20 Nov, LBath (WBS). 1/22 Dec, Kelly's Swamp (Grant).

WHITE-FACED HERON *Ardea novaehollandiae* VC.BR.

Greater numbers at urban lakes during summer/autumn than in 1982-83. No breeding recs (WBS). LBGE max 7/Feb and Apr (Ross). Breeding/2 Feb, Wickerslack Lane, Qbn (Ross).

CATTLE EGRET *Ardeola ibis* MC.V (LBGE), R.V (elsewhere).

As in previous years, max for LBG/LBGE in Jun (WBS). Birds in breeding plumage during Sep/Oct, LBGE (Ross).

GREAT EGRET *Egretta alba* C.V.

Very few on urban lakes all year (WBS).

LITTLE EGRET *Egretta garzetta* VU.V. Last rec: 1983.

INTERMEDIATE EGRET *Egretta intermedia* U.V.

One rec: 1/23 Jul, LGin (Grant).

RUFIOUS NIGHT HERON *Nycticorax caledonicus*

1/5 Feb, LBG. No breeding recs (WBS) LBGE single birds recorded Jan and Feb (Ross).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	J1
	Pacific Heron											
LBG	-	0	-	0	-	0	-	5		1	-	0
LBath	0	0	0	0	1	0	0	0	-	0	0	0
	White-faced heron											
LBG	-	3	-	3	-	7	-	18	-	20	-	5
LGin	-	-	-	0	-	0	-	-	-	(1)	-	(1)
LTug	-	0	1	2	2	9	-	0	1	1	-	-
LBath	1	0	0	0	2	0	0	7	-	4	-	4
	Great Egret											
LBG	-	0	-	1	-	0	-	0	-	1	-	0
LGin	-	-	-	0	-	1	-	-	-	(0)		(0)
	Cattle Egret											
LBG	-	3	-	5	-	0	-	0	-	3	-	17
CBN	10	2				46						Apr 1905

BITTERNS

LITTLE BITTERN *Ixobrychus minutus* R.V.

First breeding rec for ACT: one dead imm. and 3 living ads/5 Feb, LBG (MSS); 1 male heard booming and seen/19 Feb, Warrina Inlet (Grant).

AUSTRALASIAN BITTERN *Botaurus poiciloptilus* VU.BR ? Last rec: 1978.

STORK AND IBISES

BLACK--NECKED STORK *Xenorhynchus asiaticus* VR.V. Last rec: 1981.

GLOSSY IBIS *Plegadis falcinellus* V. Last rec: 1983.

SACRED IBIS *Threskiornis aethiopica* C.V.

No recs from LBath or, as in 1982-83, from LGin (WBS). Has dispersed since break of drought.

STRAW-NECKED IBIS *Threskiornis spinicollis* C.V.

Urban lakes: LBG reduction in numbers compared with 1982-83; LGin no recs (WBS).

LBath: absent Aug 1982-Jan 1984.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Sacred Ibis												
LBG	-	3 -)	-	2	-	0	-	0	-	0	-	2
LTug	-	0	0	0	0	1	-	0	0	0	-	-
Straw-necked Ibis												
LBG	-	0	-	1	-	0	-	0	-	0	-	1
LBath	0	0	0	0	0	0	7	0	-	10	0	4

SPOONBILLS

ROYAL SPOONBILL *Platalea regia* U.V.

Urban lakes: LBGE only one rec 1/22 Dec (Grant); LGin no recs (WBS).

LBath: as in 1982-83, only seen very occasionally (WBS).

YELLOW--BILLED SPOONBILL *Platalea flavipes* u.V.

Urban lakes: LBG 2 recs; LGin no recs (WBS); LBGE recorded Jan--May (Ross).

LBath: as in 1982-83, only seen very occasionally (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Royal Spoonbill												
LBG	-	0	-	1-		0	-	0	-	0	-	0
LBath	0	0	0	0	1	0	0	1	-	0	0	0

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jul
Yellow-billed Spoonbill												
LBG		0		0		0					2	
LBath 4		0	0	0	2	0	0	0			0	0 0

SWAN AND DUCKS 1

PLUMED WHISTLING-DUCK *Dendrocygna eytoni* R.V. last rec:

BLACK SWAN *Cygnus atratus* C.BR

Urban lakes: LBG lower numbers than in 1982-83 (WBS). Cygnets observed at Jerrabomberra Wetlands in Sep, Oct, Dec, May and Jun (Ross).

LBath: a very great reduction in numbers from 1982-83, recs of breeding Jul-Feb (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	„rt.;
LBG		2		2		9						
Lein				0							1	241
LBath	133*572*1220	1374*1430*1199*1021*1023*									- 289	481 407

FRECKLED DUCK *Stictonetta naevosa* MC.V.

Urban lakes: no recs.

LBath: far fewer than in 1982-83 - 10/22 Jan; 6/20 May (WBS).

AUSTRALIAN SHELDUCK *Tadorna tadornoides* C/MC.BR

Urban lakes: LBG fewer recs than in 1982-83 - 2/24 Jun (WBS);

LBGE recorded occasionally, max 22/8 Apr (Ross).

LBath: less than in 1982-83 but similar pattern with max in Jan. 1 brood seen in Sep (WBS).

Other: 1/20 Jan, Tid. (Gregory-Smith).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jul
LBath 169		73 37*		31 239	106	67	269				28	61 10

Dabbling Ducks (*Anas* species)

A large reduction in numbers for all species at both urban lakes and LBath. The only exception was an increase in numbers of Chestnut Teal at LBath. Indication of all species except Australian Shoveler having bred in the area ^ovet the last year,

PACIFIC BLACK DUCK *Anas superciliosa* VC.BR.

Urban lakes: LBG numbers increased through the ye it with max in Apr. Breeding recorded all urban lakes (WBS); unusual late breeding rec 4 Mar, Sullivan's Ck (Taylor).

LBath: numbers increased through the year with m<}, Jun. No breeding recs (WBS).

MALLARD/DOMESTIC DUCK *Anas platyrhynchos* BE.

LBath: first rec for LBath - 1 male in breeding plumage/17 Jul, (Lenz, WBS),

GREY TEAL *Anas gibberifrons* C.BN.

Urban lakes: LBG fluctuating numbers with many fewer than in 1982-83; LGin no recs (WBS); LBGE recorded regularly (Ross).
LBath: fluctuating numbers with max in Nov and May. Indication of breeding Aug, Feb and Apr (WBS).

CHESTNUT TEAL *Anas castanea* U.V (urban), MC.BR (other).

Urban lakes: LBG only recorded occasionally - 2/18 Dec (WBS); LBGE 1/27 Aug (Gregory-Smith); 2/Dec, Feb, May (Ross).
LBath: fluctuating numbers with max in Sep and May. Greater numbers than in 1982-83. Breeding Aug-Nov (WBS).

AUSTRALIAN SHOVELER *Anas rhynchos* C.V (urban), C.BV (other).

Urban lakes: LBG a reduction in numbers from 1982-83 with max in Jun; LBGE numbers rose from Dec onwards (Ross).
LBath: a reduction in numbers but a similar pattern to 1982-83 with max in Nov--Dec (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Pacific Black Duck													
LBG	-	82	-	88*		-	197*	-	235*	-	369	-	345
LGin	-	-	-	10		-	62*	-	-	-	(38)	-	(10)
LTug	-	4	5		5	35*	37*	-	15	18	11	-	-
LBath 27		8	4	6	31	25	35	63		-	171	184	211

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Mallard/Domestic Duck												
LBG	-	0	-	3	-	0	-	0	-	0	-	3
LGin	-	-	-	4	-	3	-	-	-	(0)	-	(0)
LTug	-	0	0	1	1	1	-	0	4	3	-	-
LBath 1		0	0	0	0	0	0	0	-	0	0	0

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Grey Teal													
LBG	-	9	-	1	-	36	-	4	-	21	-	39	
LTug	-	0	0	4	11	8	-	0	0	0	-	-	
LBath	216	124*	55	125	1208	713	318	496*		-	341*	1206	758

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Chestnut Teal													
LBG	-	0	-	0	-	2	-	0	-	0	-	0	
LBath	173	57*	323	32*	39*		93	40	150		26	555	78

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Australian Shoveler													
LBG	-	0	-	0	-	6	-	4	-	4	-	31	
LBath 19		14	30	154	1282	1173	389	838		-	74	155	405

PINK-EARED DUCK *Malacorhynchus membranaceus* MC.V.

Urban lakes: LBG only one rec: 2/18 Dec (WBS).

LBath: no trend in fluctuating numbers, far fewer than in 1982-83 (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
LBG	-	0	-	0	-	2	-	0	-	0	-	-
LBath 5		0	0	4	78	140	16	2	-	0	193	6

HARDHEAD *Aythya australis* MC.BV.

Urban lakes: LBG increase in numbers through the year, ma>: Jun: (WBS); LBGE breeding recs in Jan-Feb (Ross).

LBath: fluctuating numbers, max May, duckling seen in Apr (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju	
LBG	-	3	-	4	-	17	-	11	-	17	-	9	
LBath 0		0	5	1	22	9	0	2	2	-	47*	158	7

MANED DUCK *Chenonetta jubata* VC.BR.

The reduction in numbers which began with the breaking of the drought in Mar 1983 continued until Dec when numbers started to increase (WBS). Pair with brood/2 Dec, Pine Island (Foss).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
LBG	-	8	-	71	-	180*	-	200	-	219	-	21
LGin	-	-	-	0	-	96	-	-	-	(115)	-	(9
LTug	-	4	2	3	0	0	-	6*	14	14x	-	-
LBath 0		0	16	2*	7	47*	38	46	-	21	8	5

Stiff-tailed Ducks

BLUE-BILLED DUCK *Oxyura australis* R.V ?

LBath: higher numbers than in 1982-83; a decline during the summer months; 10 half-grown juvs seen in May (WBS).

MUSK DUCK *Biziura lobata* C.BR.

Urban lakes: LBG similar numbers to 1982-83; LGin very few. Two breeding recs: 1 chick/22 Jan, LBGE (Ross); 1 chick/Jan, Black Mt Peninsula (FitzGerald).

LBath: A reduction in numbers since 1982-83; young seen in Jan (1 ,ad and 16 young) and Feb (12 young in 3 parties) (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
Blue-billed Duck												
LBath 58		20	12	20	1	7	6	6	-	1	69*	10.1
M	u	s	k				D	u	c		k	
LBG	-	31	-	22	-	15	-	25	-	17	-	10
LGin	-	-	-	0	-	3	-	-	-	(0)	-	(5
LBath 47		26	8	8	39	24	12*	9*	-	20	37	4

RAPTORS

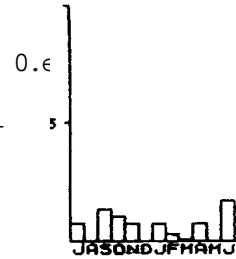
OSPREY *Pandion haliaetus* VR.V. Last rec: 1982.

BLACK-SHOULDERED KITE *Elanus notatus* C.BR.

GBS: recorded sporadically in gardens at the limits of the urban area throughout the year. Fewer records than in 1982-83. Still no records for central area.

N=1.3(57%) C=0(0%) S=1.0(43%) T=0.7 F=4%

Other: 1 recorded most months/LBGE (Ross); 1/18 Sep, LBath (WBS); 1/26 Oct, Jerrabomberra Ck-Hindmarsh Dr (Holland); 1/17 Feb, Sewage Ponds, Fyshwick (Gregory-Smith); 1/5 Feb, LBath (WBS).



BLACK KITE *Milvus migrans* VR.V.

1/17 Jan, Mt Mugga (Veerman).

WHISTLING KITE *Haliastur sphenurus* C.BR.

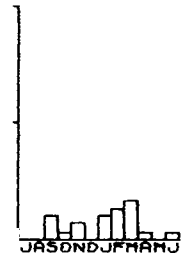
1-2 most months, LBath (WBS); 1 recorded every month except Apr/LBGE (Ross); 1 on nest/3 Sep, nest holding 3 eggs/14 Sep, then 2 fledglings and 1 ad/12 Nov, LBGE (Ormay); 1/11 Aug, 1/13 Sep, 1/6 Dec, 1-2/15, 20 Feb and 3 Mar, Uriarra Crossing (Holland, Taylor, Gregory-Smith); 2/29 Apr, Dairy Flat (Mason).

BROWN GOSHAWK *Accipiter fasciatus* C.BR.

GBS: recorded in small numbers throughout the year from all areas. Fewer records than in 1982-83.

N=0.3(13%) C=1.3(64%) S=0.5(24%) T=0.7 F=18%

Other: 2 chasing off Little Eagle/ Oct, Mt Taylor (Veerman); 1 fem/2 Oct, Chapman (Holland); 1 imm/8 Oct, Camelback Trail, Tid (Grant); 1/23 Oct, LBGE (Ross); 1/Jan, ANU (Grant); 1/8 Jan, LBGE (Ross); 1 imm/29 Jan and 1 imm/19 Mar, Mt Ainslie (Lenz);



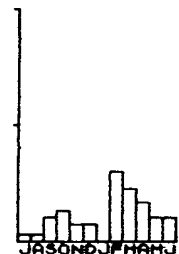
1 ad/1 Apr, Tid (Grant); 1 ad fem feeding in tree/12 Apr, Chapman (Holland); 1 mobbed by starlings and Black-shouldered Kite/28 Apr, LBGE; 1 fem/17 Jun, Mt Ainslie (Lenz); 1/19-24 Jun, LOGE (Ross); 1 imm/Jun, Jerrabomberra Ck (Grant).

COLLARED SPARROWHAWK *Accipiter cirrhocephalus* U.BR.

GBS: recorded in small numbers all months except Jan. Most records from central region. Overall numbers and distribution similar to 1982-83.

N=0.5(12%) C=2.6(62%) S=1.1(26%) T=1.4 F=18%

Other: 1/22 Jul, Gungahlin (Clayton); 1/27 Jul, ANU (Grant); 1 perched on wires/30 Jul, Kaleen (Clayton); 1/29 Nov, LOGE (Ross); 1/Feb, O'Connor; 2/26 Feb, ANU (Grant).



GREY GOSHAWK *Accipiter novaehollandiae* VR.V. Last rec: 1983.

WHITE-BELLIED SEA-EAGLE *Haliaeetus leucogaster* U.BR.

GBS: 1/1st week Jul, Holt (Davey).

Other: 1/early Aug, LBGE (Carmody); 1 ad/5 Feb, 2/29 Apr and 1 imm in nearly full adult plumage/20 May, LBath (Lenz, WBS).

WEDGE-TAILED EAGLE *Aquila audax* C.BR.

GBS: 1/5th week Oct, Kambah; 1/1st week Mar, Kaleen; 1/3rd week May, Farrer.

N=0.1(31%) C=0(0%) S=0.3(69%) T=0.1 F=4%

Other: 1-2 most months, LBath (WBB); 2/5 Feb, Wickerslack Lane (Ross).

LITTLE EAGLE *Hieraaetus morphnoides* MC.BR.

GBS: 1/5th week Oct, Kambah; 1/3rd week Mar, Ainslie; 1/3rd week Apr, O'Connor.

N=0(0%) C=0.2(58%) S=0.1(42%) T=0.1 F=4%

Other: 2 - high-altitude courting flight/Oct, Mt Taylor (Veerman); 1/15 Feb, Uriarra Crossing (Taylor); 1 soaring/19 Feb, Mt Taylor (Veerman); 1 circling/9 May, Geary's Gap (Prendergast, Taylor).

SPOTTED HARRIER *Circus assimilis* VU.V. Last rec: 1981.

MARSH HARRIER *Circus aeruginosus* MCL.BR (7)

1/12 Nov, Dairy Flat (Ormay); 1/9 Jun, Sewage Ponds, Fyshwick (Grant); 1/24 Jun, LBath (WBS).

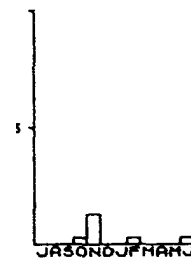
BLACK FALCON *Falco subniger* VU.BSM. Last rec: 1983.

PEREGRINE FALCON *Falco peregrinus* C.BP.

GBS: small numbers recorded occasionally. Fewer 1 records than in 1982-83.

N=0.4(50%) C=0.1(13%) S=0.3(37%) T= 0.3 F=6% Other:

1pr/17 Jul, LBath (Lenz); 1/23 Jul, Scriver Dam (Lenz, Taylor); 1/21 Aug and 1/11 Nov, " LBath (Lenz, WBS); 1/Feb, Mt Ainslie (Grant); 1/5 Feb, LBath (Lenz); 1/25 Feb, Uriarra Crossing (Grant); 1/30 Apr, Blue Gum Ck (Larkin); 1 over honeyeater migration route/9 May, Geary's Gap (Prendergast, Taylor); 1/6 Jun, ANU (Grant).

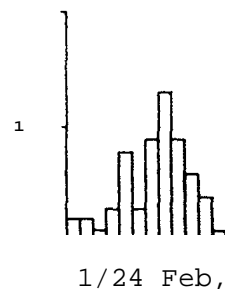


AUSTRALIAN HOBBY *Falco longipennis* C.BR.

GBS: more common in summer and autumn. Not often recorded in the north. Seasonal fluctuations, overall numbers and distribution unchanged.

N=5(8%) C=9.9(567.) S=6.4(36%) T=6.0 F=33%

Other: 1/14 Aug, LBGE (Ross); 1/2 Sep, Point Hut Rd; 3/5 Feb, LBath (WBS); 2/5 Feb, Village Ck Dam; 1/5 Feb, 1/12-14 Feb, LBGE (Ross); Tuggeranong silt trap (Ormay); 1/17 Feb, Sewage Ponds, Fyshwick (Gregory-Smith); 1/18 Feb, Cooleman Crt;

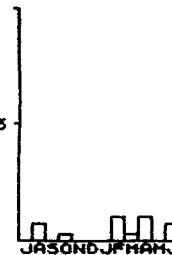


HMAS Harman; 1/25 Feb, Adventure playground, Kambah (Holland);
 1/3 Mar, Weston (Veerman); 1 eating dead rabbit on road/10
 "tar, Naas Rd, Tharwa (Mason); 1/18 Mar, Drakeford Dr, Kambah
 ;Holland); 1/16 Apr, Mawson shops (Gregory-Smith); 1 on main
 honeyeater migration route/24 Apr, Lyneham Sports Ground (Tay-
 lor); 1/3 May, 1/11-16 Jun, LBGE (Ross).

GREY FALCON *Falco hypoleucos* VR.V. Last rec: 1976 ?

BROWN FALCON *Falco berigora* C.BR.

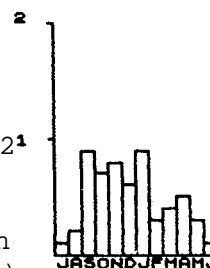
GBS: small numbers recorded at various time
 throughout the year. Overall numbers unchanged.
 N=0.4(30%) C=0.1(9%) S=0.7(61%) T=0.4 F=7%
 Other: 1-2 on various occasions/Sep-Nov, Mt Tayl
 (Veerman); 1/1 Jan and 1/13 May, LBGE (Ross).



AUSTRALIAN KESTREL *Falco cenchroides* C.BR.

GBS: more common in spring and summer as in 1982¹
 Distribution and overall numbers largely un-
 changed.

N=3.7(22%) C=2.1(12%) S=11(66%) T=5.7 F=32% Oth
 small numbers recorded most months, LBath (WBS)
 Aug, Fyshwick markets (Holland); pr/Sep-Nov, mt
 Taylor near Chifley (Veerman); 1/9 Nov, 1/10 Mar,
 2/19 Mar, Chapman (Holland).



QUAIL, BUTTON-QUAIL AND PLAINS-WANDERER

STUBBLE QUAIL *Coturnix novaezelandiae* MC.BR ?

2/22 Jan, LBath (WBS); 1/5 Feb, open area west of Kaleen
 (Veerman); 1/20 May, LBath (WBS).

KING QUAIL. *Coturnix chinensis* R.V ? Last rec: c.1950

BROWN QUAIL *Coturnix: australis* U.BR Last rec: 1981.

RED-BACKED BUTTON--QUAIL *Turnix maculosa* R.SV ? Last rec:
 1973.

PAINTED BUTTON-QUAIL *Turnix varia* MC.BR.

2/12 Nov, Mt Ainslie tip (Lenz); 2 chicks/12 Feb, on path west
 side Mt Ainslie (FitzGerald).

LITTLE BUTTON-QUAIL *Turnix velox* R.SV 7- Last rec: 1969.

RED-CHESTED BUTTON-QUAIL *Turnix pyrrhothorax* R.SV
 Last rec: 1969.

PLAINS-WANDERER *Pedionomus torquatus* V.RV. Last rec: 1954.

CRAKES AND RAILS

BUFF-BANDED RAIL *Rallus philippensis* R.SV. Last rec: 1981.

LEWIN'S RAIL *Rallus pectoralis* U.SBV 7' Last rec: 1972.

BAILLON'S CRAKE *Porzana pusilla* U.BSV
Two recs: 1/8 Jan, LBGE (Ross); 1/5 Feb, Warrina Inlet (MSS).

AUSTRALIAN CRAKE *Porzana fluminea* U.BSV ? Last rec: 1981.

SPOTLESS CRAKE *Porzana tabuensis* R.SV.
One unusual rec: 1/11 Sep, LGin (Grant).

BLACK-TAILED NATIVE-HEN *Gallinula ventralis* VR.V. Last rec: 1969.

DUSKY MOORHEN *Gallinula tenebrosa* VC.BR.
Urban lakes: slightly more numerous than in 1982-83, with a gradual increase throughout the year to a max in Jun; LBGE breeding Dec-Feb (Ross); LGin similar numbers to 1982-83 with no obvious trend (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBG	-	58	-	26	-	65	-	67	-	134	-	172
LGin	-		-	12	-	42				(46)		(31)
LTug	-	16	4	4	6	3	-	8*	6*	10		-

PURPLE SWAMPHEN *Porphyrio porphyrio* C.BR.
Urban lakes: numbers unchanged with breeding recorded at LGin only (WBS); LBGE recorded breeding Sep-Feb (Ross).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBG	-	158	-	60	-	47	-	115	-	109	-	95
LGin	-			2	-	11*	-			(17)		(7)
LTug	-	3	4	2	4	3	-	4	1	5		-

EURASIAN COOT *Fulica atra* VC.NV.
Urban lakes: LBG 75% reduction in overall numbers compared with 1982-83. Unusual breeding recs: 1 chick/18 Mar, • LTug (WBS); 1 chick/29 Jan, LBGE (Ross).
LBath: 80% reduction in overall numbers compared with 1982-83'. (WBS).
Other: young present/22 Dec, Yowani Golf Club (FitzGerald).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBG	/ 1308		/	23		/ 147	/	92	/	552		/ 587
LGIN				2						(152)		(212)
LTug	/	28	0	4	8	9		7	3*			
Bath	1850	1850	690	446	1011	326	629	829		/ 1128	2410	63

BROLGA, BUSTARD, THICK-KNEE AND PAINTED SNIPE

BROLGA *Grus rubicundus* V.RV. Last rec: 1978.

AUSTRALIAN BUSTARD *Ardeotis australis* [locally extinct] Last 1920.

BUSH THICK-KNEE *Burhinus magnirostris* VR.BR. Last rec: 1976.

°PAINTED SNIPE *Rostratula benghalensis* VR.V. Last rec: 1978.

LAPWINGS, RLOVERS AND DOTTEREL

MASKED LAPWING *Vanellus miles* VC.BR.

Urban lakes: numbers comparable to previous years (WBS).

LBath: numbers similar to 1982-83 with max 281 in May. Young present Aug and Oct (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBG			-	40	-	58	-	28	-	32	-	30
LGIN	-			5		8	-	-	-	(2)	-	(2)
LTug			1	0	2	2		2	3			
LBath	74	92*		48	110*		65	158	159	166		-
											1	-
											111	281
												156

BANDED LAPWING *Vanellus tricolor* VU.BR.

LBath: numbers similar to 1982-83. Eggs seen in Sep and young in Nov (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LBath	4	0	17*	13	4*	18	0	0			0	1
												0

LESSER GOLDEN PLOVER *Pluvialis dominica* VR.SV. Last rec: 1980.

RED-KNEED DOTTEREL *Erythrogonys cinctus* U.SV.

Urban lakes: 1/30 Oct, LBGE (Ross).

LBath: numbers lower than 1982-83, sudden increase in Feb (WBS).

DOUBLE-BANDED PLOVER *Charadrius bicinctus* VR.V (urban), MC.WV (other).

LBath: greater numbers than in 1982-83. No recs Sep-Feb (WBS).

RED-CAPPED PLOVER *Charadrius ruficapillus* R.V (urban), C.BR (other).

LBath: greater numbers than in 1982-83. One juv/20 Nov (WBS).

BLACK-FRONTED PLOVER *Charadrius melanops* C.BR.

Urban: LBG similar numbers to 1982-83; LBGE seen regularly (Ross); LTug similar numbers (WBS).

LBath: fluctuating numbers with max in May (WBS).

Other: 4/15 Feb, Uriarra Crossing (Taylor).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jul	
Red-kneed Dotterel													
LBath	0	0	0	0	1	1	0	30	-	0		0	
Double-banded Plover													
LBath	91	16	0	0	0	0	n	0	-	45	152	5	
Red-capped Plover													
LBath	158	75	32	147	99*		80	110	179	-	193	213	17
Black-fronted Plover													
LBG	-	6	-	3	-	5	-	'	-	3	-		
LTug	-	1	4	3	5	5	-	4		5			
LBath	5	0	0	0	0	1	0	4	-	15	24	1	

STILTS, AVOCET, AND TURNSTONE

BLACK-WINGED STILT *Himantopus himantopus* MC.BSV.

Urban lakes: no recs.

LBath: lower numbers than in 1982-83.

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jul
LBath	0	0	15	46	11	83	26	0	-	0		8

BANDED STILT *Cladorhynchus leucocephalus* SU. Last rec: 1983

RED-NECKED AVOCET *Recurvirostra novaehollandiae* V.RV.

LBath: more recs than in any previous year (WBS).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	J
LBath	0	0	12	13	2	0	0	0	-	0	0	

RUDDY TURNSTONE *Arenaria interpres* SU. Last rec: 1982.

CURLEW, SANDPIPERS AND SNIPE

EASTERN CURLEW *Numenius madagascariensis* VR.SV.

Second rec for region: 1/21 Aug, LBath (Lenz,WBS).

WOOD SANDPIPER *Tringa glareola* R.SV. Last rec: 1978.

COMMON SANDPIPER *Tringa hypoleucos* SV.

Two recs: 1/18 Sep, LTug (WBS); 1/13 Dec, LBGE (Ross).

GREENSHANK *Tringa nebularia* U.V.

One rec: 1/22 Dec, Fyshwick Sewage Ponds (Grant).

MARSH SANDPIPER *Tringa stagnatilis* R.SV. Last rec: 1983.

LATHAM'S SNIPE *Gallinago hardwickii* C.SV.

Urban lakes: LBG recorded Oct-Feb, max Feb, slightly less than 1982-83; LGin no recs; LBGE 1/Sep-Nov (Ross, Ormay).

Bath: no recs.

BAR-TAILED GODWIT *Limosa lapponica* VR.SV. Last rec: 1979.

SHARP-TAILED SANDPIPER *Calidris acuminata* MC.SV.

Urban lakes: no recs.

!Bath: lower numbers than, but a similar trend to, 1982-83, recorded Sep-Feb, max Sep (WBS).

PECTORAL SANDPIPER *Calidris melanotos* VR.V. Last rec: 1977.

RED-NECKED STINT *Calidris ruficollis* VR.V (urban), MC.V 7 (other).

Urban lakes: no recs.

LBath: very similar pattern to 1982-83, recorded Jul-Feb, max Jan, one notable rec in May (WBS).

CURLEW SANDPIPER *Calidris ferruginea* VU.V.

Urban lakes: no recs. LBath: similar trend to 1982-83 but in greater numbers, recorded Jul-Dec, max Sep (WBS).

BROAD-BILLED' SANDPIPER		<i>Limicola falcinellus</i> VR.SV.										Last rec: ?	
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
Latham's Snipe													
LEG	-	0	-	6	-	10	-	25	-	0	-	0	
LTug	-	0	0	1		3	5	-	0	0	0	-	-
Sharp-tailed Sandpiper													
LBath	0	0	300	193	131	61	50	180	-	1	0	0	
Red-necked Stint													
LBath	39	38	2	68	54	62	100	82	-	0	1	0	
Curlew Sandpiper													
LBath	58	202	450	20	15	11	0	0	-	0	0	0	

PRATINCOLE

AUSTRALIAN PRATINCOLE *Stiltia isabellla* SU.

Unconfirmed rec, first for the Canberra area: 1/9 Nov, MacKellar (C. Samundsett).

GULL AND TERNS

SILVER GULL *Larus, novaehollandiae* VC.BR.

Urban lakes: LBG similar to 1982-83 with max Dec-Apr (WBS).

LBath: increase in numbers from 1982-83 with no seasonal trends. No breeding recs (WBS).

Other: roost counts at National Library - 1315/8 Dec; 1060/6 Jan; c.1000/1 Feb; 480/11 Mar (Ross, Taylor).

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	J
LBG	-	175		148-	1157			873		1178		5
Lein				0-	100					(0)		-
LBath	1250	381	1394	2770	1176	1582	527	583		26	528	17

WHISKERED TERN *Chlidonias hybrida* SU.

12/23 Oct, LBath (WBS); 2/29 Oct, Acton (Grant); 7/18 Dec, LBath (WBS).

WHITE-WINGED TERN *Chlidonias leucoptera* VP.V. Last rec: 1967

GULL-BILLED TERN *Gelochelidon nilotica* VR.V. Last rec: 1983.

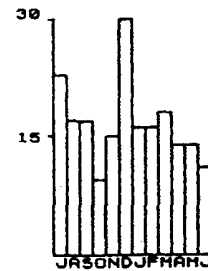
CASPIAN TERN *Hydroprogne caspia* VR.V. Last rec; 1
PIGEONS AND DOVES

FERAL PIGEON *Columba livia* C.BR.

GBS: numbers fell to a minimum in spring with a maximum in summer. Overall numbers have returned to 1981-82 levels after a drop in 1982-83.

Distribution is unchanged. Note consistently higher numbers in central area.

N=53(9%) C=474(79%) S=70(12%) T=199 F=57% Other: present all months, max 150 (Aug), min 25 (Jun)/LBGE (Ross).



SPOTTED TURTLE-DOVE *Streptopelia chinensis* P.V/E.

GBS: 1/3rd week Jan, 1/2nd week Feb, both in Scullin.

PEACEFUL DOVE *Geopelia placida* R.V.

GBS: 1/1st week Dec, Holt.

Other: 2/9 Sep, 1/29 Apr, near High Court (Ross). Flying Strongly, apparently wild birds.

DIAMOND DOVE *Geopelia cuneata* R.V.

1 in scattered Snow Gums *Eucalyptus pauciflora*/7 Aug, Kalkite, Lake Jindabyne (Hone, Upitis).

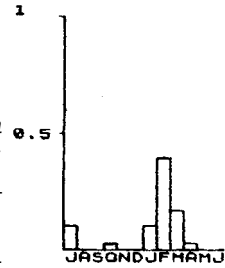
COMMON BRONZEWING *Phaps chalcoptera* MC.BR.

WBS: occasional records all areas.
Recorded

-regularly 23 Jan to 20 Mar, Chapman, feeding on
=alien acacia seeds. More records than in 1982-83.

J=0.1(47.) C=0.3(12%) S=2.1(84) T=0.8 F=67

Other: single bird feeding regularly under *Acacia*
aileyana/Oct-Nov, Duffy (Gregson); 3-4 nests/
spring, Bot Gardens (Thaler); 1pr/29 Jan, Mt Ainslie
tip and 4/29 Jan, Mt Ainslie East; 2/30 Jan,
CSIRO, Black Mt.; 1 in open paddock - not usual
habitat/20 May, LBath (Lenz).



BRUSH BRONZEWING *Phaps elegans* MC.BR (ranges). Last rec:
1979.

CRESTED PIGEON *Ocyphaps lophotes* VU.V.

Recorded more frequently than in previous years. Status cer-
tainly requires reconsideration. This species is on the increase
in many areas of NSW.

GBS: 2/2nd week Apr, Kaleen.

Other: 4-5/30 June 83 - Jul 84 (except Feb), Fairvale Hs,
Cotter Rd (Brown); 3/7 Jul and 2/18 Jul, in horse paddocks off
Ellenborough St, Kaleen (Clayton); 1/28 Oct, LBGE (Ross); 1
near horseyard/12 Nov, Bulga Ck, Cotter Rd (Ormay); max. 4/5
Dec - early Feb, Gungahlin (Clayton); 2 constantly present,
often seen perched on rails around paddocks/Jan-Jun, Bibaring
Hs, Cotter Rd (Gard); 2 constantly present/ summer, Murrum-
bateman (Gibson).

WONGA PIGEON *Leucosarcia melanoleuca* U.BR (ranges).

2 calling/2 Oct, Pierces Creek Forest (Taylor); 2 feeding in
leaf litter and scrub/8 Oct, Camelback Trail, Tid (Grant); 3
calling/17 Dec, Lees Ck (Taylor); 2 calling/12 Dec, Blue Range
Hut (Mason); 1/2 Jan, Bulls Head; 2 on ground, very tame/7
Feb, Cotter picnic area (Holland); 1/29 Feb, Condor Ck
(Grant).

BARBARY DOVE *Streptopelia risoria* E.

2 mating/1 Sep, Monaro Cres near Red Hill shops (A.E.Newsme).
First rec for ACT ?

PARROTS

GLOSSY BLACK-COCKATOO *Calyptorhynchus lathami* R.V.

GBS: 1/Zth week Oct, O'Connor.

Other: 5pr/7 Aug, Mt Ainslie tip (Lenz); 7 flying over Red
Hill/10 Sep (Ross); 1/12 Dec, Mt Ainslie (Lenz).

YELLOW-TAILED BLACK-COCKATOO *Calyptorhynchus funereus* MC.BR
(ranges).

GBS: 6/3rd week Mar, Duffy.

Other: 6/17 Dec, Lees Creek (Taylor); 2/14 Feb, Pierces Cree Forest (Taylor); 5/Feb, Thredbo Village (Whatman); 5-b/9 Jun Uriarra Forest (Beardsell).

GANG-GANG COCKATOO *Callocephalon fimbriatum* C.BR.

GBS: numbers fell to a minimum in Dec. Autumn influx commenced in Apr, one month earlier than in 1982-83. Seasonal fluctuation, overall numbers and distribution largely unchanged.

N=38(20%) C=124(65%) S=27(15%) T=63 F=64%

Other: pr with juv/Jul, O'Connor (Metcalf, see CBN 9 [2], 29-30); fem feeding 2 juvs/2 Sep, O'Connor (Clayton); flock of 20 flew from roost towards Black Mt/0700 hrs, 25 Mar, Acacia Inlet (Taylor); 10+/23 Apr, Cotter (Holland).



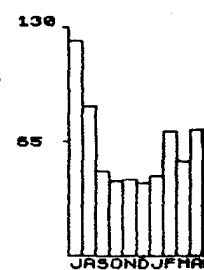
GALAH *Cacatua roseicapilla* VC.BR.

GBS: numbers fell to a minimum in spring, and summer. Seasonal fluctuation largely unchanged. Numbers in central region down by 32%. Other areas stable. Overall numbers slightly lower.

N=565(24%) C=651(28%) S=1110(48%) T=775 F=97%

Other: 2 ads with 3 begging juvs./29 Nov, Mt Ainslie (Taylor).

Erratum: CBN 9(3), 135: Fig 12. Top value on vertical axis should read 150.



LONG-BILLED CORELLA *Cacatua tenuirostris* SU.

GBS: 1/1st week Apr, Kambah. Observed roosting with 55 Sulphur crested Cockatoos/5 Apr, Kambah (Taylor).

LITTLE CORELLA *Cacatua sanguinea* R.V.

GBS: 1/1st week Aug, Fisher; 1/4th week Sep, Giralang.

Other: 1 with suspected Little Corella X Galah hybrid/6 Aug, Kambah (Bennett). See CBN 8(4), 103.

PINK COCKATOO *Cacatua leadbeateri* VR.V. Last rec:

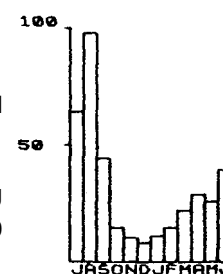
SULPHUR-CRESTED COCKATOO *Cacatua galerita* MC.BR.

GBS: numbers reached a peak in Aug then fell rapidly to a minimum in late spring and summer, a similar pattern to 1981-82 and 1982-83. Overall numbers up by almost 50%. Distribution unchanged for three years.

N=75(7%) C=689(60%) S=384(33%) T=383 F=93%

Other: c.600 roosting/2 Jul, Barry Dr CSIRO-ANU (Lenz); 250 feeding on oval/5 Jul, Turner; 350 feeding on oval near Barry Dr, ANU/7 Jul, Acton

(Morson, Taylor); 40/17 Nov, Uriarra Hs; 12 feeding in pines at dusk/19 Feb, Warrina Inlet; 68 including some begging young roosting in casuarinas/21 Feb, Uriarra Crossing (Taylor);



100/2 Mar and 150/5 Mar roosting at Uriarra Crossing (Gregory Smith); 60 leaf-bathing at 0800 hrs/25 Mar, Govt House; 200 feeding in oats paddock/28 Mar, Glenlock Hs, Cook; 175 roosting in casuarinas/29 Mar, Uriarra Crossing; 350 feeding in paddock, roosting in pines/4 Apr, Strathnairn HS, Holt; 60 -roosting in blue gums/3 Apr, War Memorial; 55 roosting in eucalypts/5 Apr, Boddington Crt., Kambah; 50 roosting, 3 pegging juvs/26 Apr, O'Connor shops; 71 roosting/1 Jun, D'Connor shops; 180 feeding in late afternoon/9 Jun, Weston Nursery; 170 roosting/21 Jun, War Memorial; 32 roosting/21 Jun, Telopea Park; only 13 at roost/22 Jun, Kambah; 230 feeding in paddock/23 Jun, Finney Creek Hs, Uriarra Rd, but Jriarra roost deserted (Taylor).

RAINBOW LORIKEET *Trichoglossus haematodus* R.V.

GBS: 2/2nd week Sep, Narrabundah; 4 feeding on blossom in Yellow Box *Eucalyptus melliodora*/2nd week Dec, Cook; 2/20 Dec, Took (same party 7); 2/4th week Apr, Downer. No records 1982-93.

N=0.8(65%) C=0.4(35%) S=0(0%) T=0.4 F=6%
Other: 2/14 Feb, O'Connor shops (Les Mitchell).

SCALY-BREASTED LORIKEET *Trichoglossus chlorolepidotus* SU.

First record for Canberra area:

GBS: 1/1st week Jan, Kaleen. Further details provided by M. Clayton: 1 flying very high and very well (many eucalypts in flower nearby)/5 Jan, Kaleen.

MUSK LORIKEET *Glossopsitta concinna* R.V.

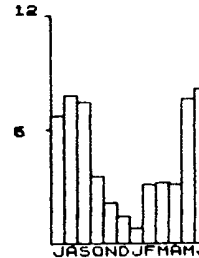
First record for at least a decade: 2 feeding in *Eucalyptus sideroxylon*/1, 5, 11 and 12 Aug, Buxton St, Deakin (Braithwaite and Clayton).

LITTLE LORIKEET *Glossopsitta pusilla* U.V. Last rec: 1982.

AUSTRALIAN KING-PARROT *Alisterus scapularis* C.BR.

GBS: numbers fell to a minimum in Jan, then climbed to a peak in Jun. Seasonal fluctuations, overall numbers and distribution similar in 1982B3.

N=11(7%) C=102(62%) S=51(31%) T=55 F=50%
Other: c.800 on roost flight/23 Jul, Scrivener Dam (Lenz, Taylor); present in varying numbers (max 22/24 Jul) all months in Barton area (Doyle); pair present through spring - possibly breeding, ANU



(Lenz, Taylor); pair feeding 1 young/8 Feb, Forrest (Ordish); 191/25 Apr and 296/26 May, Scrivener Dam roost flight (Lenz).

SUPERB PARROT *Polytelis swainsonii* U.V.

GBS: 1 male/4th week Oct, 5/4th week Nov, 1/2nd week Dec, all Fraser. 1/2th week Apr, Scullin.

COCKATIEL *Nymphicus hollandicus* VU.V. Last rec: 1983

BUDGERIGAR *Melopsittacus undulatus* VR.V/E.

GBS: 2 records, both escapees.

SWIFT PARROT *Lathamus discolor* U.V.

Unusual rec: 2/Oct, Hughes (Schodde).

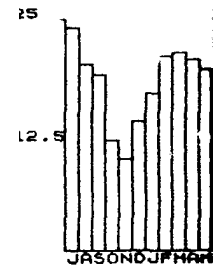
RED-CAPPED PARROT *Purpureicephalus spurius* E.

GBS: 1/1st week Sep, O'Connor (escapee).

CRIMSON ROSELLA *Platycercus elegans* VC.BR.

GBS: minimum in spring, as in previous years. Seasonal fluctuations and distribution largely unchanged. Overall numbers slightly lower. Note: Eastern X Crimson hybrid (escapee?)/3rd week Aug, O'Connor (Ormay).

N=155(24%) C=329(51%) S=162(25%) T=215 F=93%



YELLOW ROSELLA *Platycercus elegans* SU.

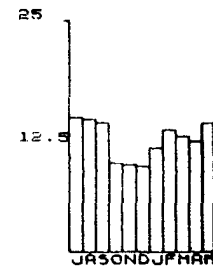
GBS: one recorded regularly by two observers at the ANU. This bird was first recorded in about 1975. It is usually seen with a Crimson Rosella and attempted to breed with it in 1982-83 (Gunn, Taylor).

EASTERN ROSELLA *Platycercus eximius* C.BR.

GBS: seasonal fluctuations, overall numbers and distribution largely unchanged.

N=114(26%) C=178(41%) S=142(33%) T=145 F=96% Other:

4 displaying at nest box/21 Aug, Aranda (Ormay).



PORT LINCOLN RINGNECK *Barnardius zonarius* VU.BR/E.

GBS: 1/1st week May - 2nd week Jun, O'Connor. Escapee?

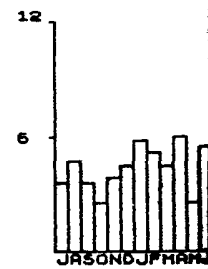
Other: 1 calling from birch tree and flying strongly/16 Jun O'Connor (Prendergast). Same bird 7

RED-RUMPED PARROT *Psephotus haematonotus* C.BR.

GBS: spring and autumn minima have also been noted in 1981-82 and 1982-83. Overall numbers and distribution rather different from 1982-83. This species tends to be localised and continuous surveying over a number of years of particular gardens will reveal the true situation.

N=26(16%) C=87(55%) S=45(29%) T=53 F=47%

Other: 80/24 Mar, Black Mt. Pen. (Lenz).



BLUE BONNET *Northiella haematogaster* R.V. Last rec: 1980.

BLUE-WINGED PARROT *Neophema chrysostoma* VR.V. Last rec: 1965.

PEACHFACE *Agapornis* sp. E.

GBS: 2 records of escapees.

INDIAN RINGNECK, *Psittacula krameri* E.

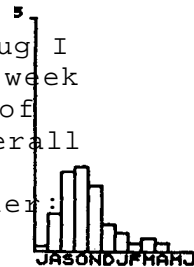
One fern present in Aranda garden May-June. See CBN 9(4), 157.

CUCKOOS

PALLID CUCKOO *Cuculus pallidus* C.BSM.

GBS: first spring rec: 2nd week Aug (3rd week Aug I 1981-82 and 1982-3). Last autumn rec: 5th week Apr (later than usual). The strong Oct peak of previous years was not repeated in 1983-B4. Overall numbers and distribution unchanged.

N=15(67%) C=Z.5(24%) S=2.0(9%) T=7.6 F=47% Other: ad feeding imm (courtship behaviour)/16 Oct, Castle Hill (Lawson).



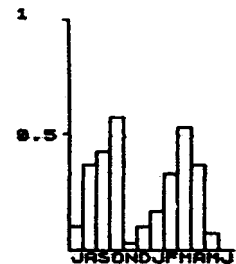
BRUSH CUCKOO *Cuculus variolosus* U.BSM.

1 observed for 20 mins by COG group/16 Oct, Castle Hill (Lawson); 1 calling/17 Dec, Lees Ck (Taylor).

FAN-TAILED CUCKOO *Cuculus pyrrhophanus* C.BSM.

GBS: unusually early rec: 1/1st week Jul, Chapman. Note sudden drop in numbers after Oct, and autumn peak. This provides a sharp contrast to previous years when autumn records have been few. Fewer records from the north but more from other areas. Overall numbers increased.

N=1.3(15%) C=4.0(43/.) S=3.8(42%) T=3.0 F=22% Other: 1 juv/22 Feb, Fisher (Larkin).

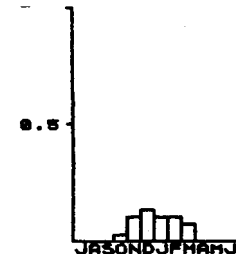


-HORSEFIELD'S BRONZE-CUCKOO *Chrysococcyx basalis* C.BSM.

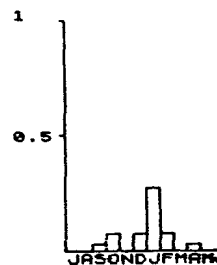
GBS: first spring rec: 5th week Oct (much later'

than usual). Last rec: 1st week Mar (about the same as last year). Overall records lower (1982-3, T=3.7).

N=0.3(16%) C=0.2(13%) S=1.1(71%) T=0.5 F=8%]they:1 1/28 Apr, Village Ck, Kambah (Holland).



SHINING BRONZE-CUCKOO *Chrysococcyx lucidus* C. BSM,
 GBS: first spring rec: 4th week Sep (later than usual). Last rec: 1st week Apr (later than last year). Overall numbers lower (1982-82, T=0.9).
 N=0.3(19%) C=0,3(18%) S=1.0(62%) T=0.5 F=10% Other:
 1 male/15 Apr and 1 male/17 Jun, Mt Ainslie SW slopes, apparently successfully overwintering (Lenz).



OWLS, FROGMOUTH AND NIGHTJARS

POWERFUL OWL *Ninox strenua* C. BR.

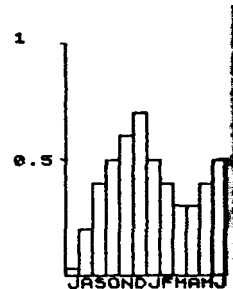
1/30 Apr, Blundells Ck (Gregory-Smith).

SOUTHERN BOOBOOK *Ninox novaeseelandiae* C. BR

GBS: recs (mainly aural) increased rapidly from Jul to Dec then declined again to a minimum in Mar. While the pattern of seasonal fluctuations is unchanged, overall numbers are much lower. Numbers still higher in central region.

N=2.5(17%) C=9.7(68%) S=2.1(15%) T=4.7 F=28% Other:

1/21 Jul, Civic (Rowell); 1 roosting in small pine tree being harrassed by White-plumed Honeyeaters and Blackbirds/8,22 Jul, Gungahlin (Clayton); 1 calling in the evening/30 Oct, CCAE (Pye); 1 calling late at night/2 Nov, LGIN (Pye).



BARKING OWL *Ninox connivens* U. BR ?

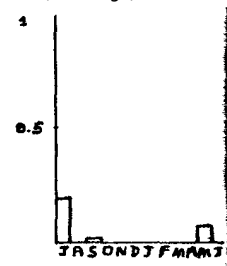
GBS: 2/2nd week Jul, O'Connor. Recorded in small numbers most years.

BARN OWL *Tyto alba* MC. BR 7 Last rec: 1982.

TAWNY FROGMOUTH *Podargus strigoides* MC. BR (ranges), U (city).

GBS: only four rec, from central and southern regions. Much lower numbers than in 1982-83 (T=1.6).

N=0(0%) C=0.2(25%) S=0.6(75%) T=0.3 F=6%

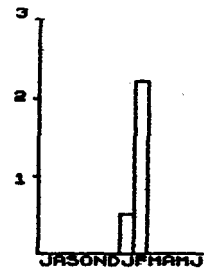


AUSTRALIAN OWLET-NIGHTJAR *Aegotheles cristatus* MC. BR 7
 Last rec: 1983

WHITE-THROATED NIGHTJAR *Caprimulgus mystacalis* VU. SM/PM _Last rec: 1983

WHITE-THROATED NEEDLETAIL *Hirundapus caudacutus* MC.NBSM.

GBS: recorded 3rd week Jan (1 obs), 3rd week Feb (6 obs, see below), 4th week Feb (1 obs). Overall numbers only a fraction of 1982-83 levels (T=78) as the large flocks recorded in non-urban areas (see below) were not sighted over the city.
 N=0.3(3%) C=1.9(24%) S=5.8(72%) T=2.7 F=11% Other:
 2/14 Feb, Arawang via Kambah (Larkin); 16/21 Feb, Ainslie (Lenz); 9/21 Feb, O'Connor (Metcalf); 40+ in evening thunderstorm/21 Feb, ANU (Grant); 50/22 Feb, Arawang (Bennett); 150 feeding in late afternoon, perfect still weather/29 Mar, Hently Hs, Uriarra Rd (Taylor); 40 flying directly NE at great speed/4 Apr, Glenloch via Cook (Taylor).



FORK-TAILED SWIFT *Apus pacificus* VU.NBSM.

GBS: 1/21 Feb, O'Connor. Flying with White-throated Needle-tails. Recorded occasionally in previous years.

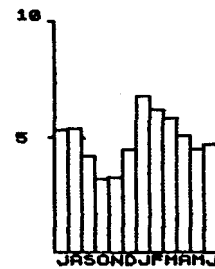
KINGFISHERS, BEE-EATER AND DOLLARBIRD

AZURE KINGFISHER *Ceyx azurea* R.V. Last rec: 1979.

LAUGHING KOOKABURRA *Dacelo novaeguineae* C.BR.

GBS: minimum in Oct-Nov followed by a peak in summer. This pattern has also been apparent in previous years. Overall numbers and distribution largely unchanged.

w=43 (24X) C=60(34%) S=74(42%) T=59 F=85%



RED-BACKED KINGFISHER *Halcyon pyrrhopygia*
 R.SM (city). Last rec: 1981.

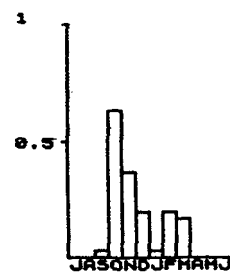
VU.SM (rural),

SACRED KINGFISHER *Halcyon sancta* C.BSM.

GBS: first rec 3rd week Sep (rather early). Last -rec: 2nd week Mar (about average). Seasonal fluctuations, overall numbers and distribution all largely unchanged.

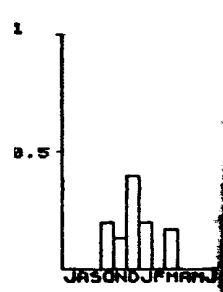
\1=1.0(21%) C=1.6(33%) S=2.2(46%) T=1.6 F=29%

Other: early rec: 1/11 Sep, LBGE (Ross); 2 prs breeding/ Pistol Club, Mt Ainslie; 1-2 prs breeding/ANU (Grant).



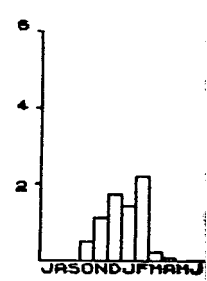
RAINBOW BEE-EATER *Merops ornatus* MC.BSM (rural)
 GBS: first rec: 3rd week Oct (later than usual).
 Last urban rec: 2nd week Mar (later than 1982-83).
 Overall numbers down by 507.. Note low numbers in
 central region.

N=1.0(30%) C=0.2(7%) S=2.0(627.) T=1.1 F=7%
 Other: 2+2/23 Oct, Tuggeranong silt trap (Hol-
 land); 5/26 Oct, Turner (Lenz); 4/6 Dec, Uriarra
 Crossing (Holland); 3 feeding from trees/15 Feb,
 Uriarra Crossing; 19 feeding from trees along
 Murrumbidgee/5 Mar, Lanyon area (Taylor).



DOLLARBIRD *Eurystomus orientalis* C.BSM.
 GBS: first rec: 2nd week Oct (usual time). Last
 rec: 5th week Apr (later than usual). Overall
 numbers down by 507..

N=5.5(257.) C=14(65%) S=2.0(9%) T=7.3 F=40 Other:
 4/6 Dec, Uriarra Crossing (Holland); 9
 territories/29 Jan, Mount Ainslie lower slopes
 (Lenz); 2 drinking from the river, swallow-
 fashion/5 Mar, Lanyon (Taylor); 1/7 Mar,
 Gloucester Golf Course (Holland).



LYREBIRD

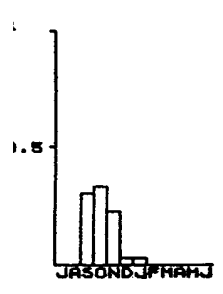
SUPERB LYREBIRD *Menura novaehollandiae* MC.BR (ranges).
 1 calling/17 Dec, Lees Ck (Taylor); 1 observed displaying on
 mound 10 m from trail at 1030 hrs/6 Apr, Camelback Trail, Tid
 (Taylor). Calls included those of the Grey Shrike-Thrush, Pied
 Currawong, Crimson Rosella, Red Wattlebird, Satin Bowerbird
 and others; several other lyrebirds within earshot.

LARKS

SINGING BUSHLARK *Mirafra javanica* U.BSM
 4/18 Mar, Tuggeranong silt trap (Holland).

SKYLARK *Alauda arvensis* MC.BR.
 GBS: recorded in spring and summer in two gardens.
 Urban areas generally not suitable for this
 species.

N= 1.0(35%) C=0(0%) S=1.8(65%) T=0.9 F=3%
 Other: recorded all months at LBath but numbers
 fluctuated greatly, max 211/18 Sep (WBS); recorded
 most months, LBGE (Ross); common at Village Ck,
 Kambah and Tuggeranong silt trap area e.g. 12/29
 (Taylor).



SWALLOWS AND MARTINS

WHITE-BACKED SWALLOW *Cheramoeca leucosternum* VU. BSM

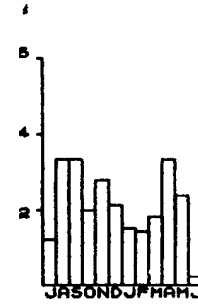
GBS: one undocumented rec: 7/3 Feb, O'Connor. Last rec: 1980.

WELCOME SWALLOW *Hirundo neoxena* VC. BSM.

GBS: similar seasonal fluctuations have been noted in previous years. There is good evidence of a second peak in numbers in the autumn. Very small numbers recorded Jul and Jun. Overall numbers and numbers in northern region slightly lower. Note preponderance of recs from the south as in previous years.

N=5.8(8%) C=9.5(= S=61(80%) T=25 F=35%

Other: present most months LBath, max 337/20 May, LBath (WBS).

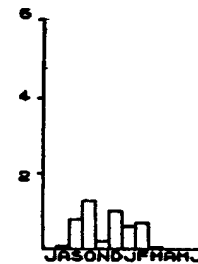


TREE MARTIN *Cecropis nigricans* C. BM.

GBS: arrival and departure both earlier than in 1982-83. Note unusually low numbers in Nov. Overall numbers much lower than in 1982-83 (T=12.1).

N=8.6(60%) C=0.6(4%) S=2.0(357.) T=4.8 F=7%

Other: 20/21 Aug, LBGE (Ross); 205/21 Aug, LBath (WBS); 50 with Fairy Martins/Sep, sewage ponds Fyshwick (Grant); 50/11 Sep, LBGE (Ross).



FAIRY MARTIN *Cecropis ariel* C. BM.

GBS: no recs (1982--83, T=3.9).

Other: 5/21 Aug, LBGE (Ross); 20 with Tree Martins/Sep, sewage ponds, Fyshwick (Grant); 50/11 Sep, LBGE (Ross).

PIPIT

RICHARD'S PIPIT *Anthus novaeseelandiae* C. BR.

GBS: only one rec: 2/2nd week Jan, Kambah. Recorded most months in 1982--83 (T=1.1).

Other: recorded all months LBath, but fewer present Sep-Dec, max 87/29 Apr, LBath (WBS); 1-3 recorded most months, LBGE (Ross); recorded most months, Tuggeranong silt trap, Village Ck (Holland).

CUCKOO-SHRIKES. CICADABIRD AND TRIIFER

BLACK-FACED CUCKOO-SHRIKE *Coracina novaehollandiae*, C. BSM.

GBS: spring influx in Sep and twin peaks in spring and autumn as in previous years. Most departed by May. Numbers in all areas down by an average of 20%. Distribution unchanged. This species is not present in great numbers, but it is very wide-spread.

N=64(32%) C=55(28%) S=80(40%) T=66 F=927.



WHITE-BELLIED CUCKOO-SHRIKE *Coracina papuensis* VU.V.

One undocumented rec: 1 in dark plumage phase passing overhead and calling/13 Sep, Zoology Bldg, ANU (Grant).

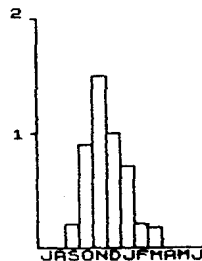
CICADABIRD *Coracina tenuirostris* U.BSM (ranges). Last rec: 1982. Please submit all recs.

WHITE-WINGED TRILLER *Lalage sueurii* 135m.

GBS: first spring rec: 4th week Sep. Last rec: 4th week Mar (same as 1982-83). Far more numerous than in 1982-83 (T=1.1), but still well below 1981-02 levels (T=10).

N=4.2(30%) C=7.5(53%) S=2.3(16%) T=4.7 F=21% Other: 1 male/6 Dec, Uriarra Crossing (Holland); 1 male feeding recent fledgling/12 Dec, Barton (Doyle); 10 including several pre with nests/13 Dec, ANU Staff Centre (Taylor).

THRUSH, BLACKBIRD, ROBINS AND WHISTLERS



WHITE'S THRUSH *Zoothera dauma* C.BR/PM (ranges), U.WM (city).

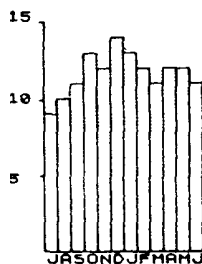
GBS: 2 unusual urban recs: 1/1st week Dec and 18 Dec, two gardens in O'Connor.

Other: 1/23 Jul, Bot Gardens (Grant); 1 in pine forest/30 Dec, Blue Range Hut (Mason).

BLACKBIRD *Turdus merula* C.BR.

GBS: as in previous years, numbers peaked in spring, but were generally stable during the year. Overall numbers and distribution unchanged. This species is very widely distributed, although it is recorded in relatively small numbers.

N=101(24%) C=187(45%) S=129(31%) T=139 F=82 Other: 1 in clearing/18 Nov, Marks Rd, Uriarra. Forest (Taylor).

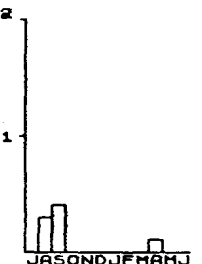


ROSE ROBIN *Petroica rosea* C.BSM (ranges), O.V f. (city).

GBS: recorded regularly between 3rd week Aug and 4th week Sep, and 1st-4th week Apr. Recorded more frequently than in 1982-83 (T=0.3).

N=0.1(6%) C=1.4(62%) S=0.7(32%) T=0.8 F=7%

Other: 1 male/21 Aug, Bot Gardens and 2 males/29 Aug, Mt Ainslie (Lenz); 1 in willows/3 Sep, LBGE (Ormay); 2 pairs building nests/12 Dec, Lees L (Taylor); 2 fems/16 Apr, Got Gardens (at least one remained until July) (Grant).



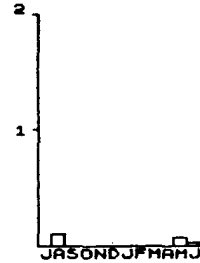
PINK ROBIN *Petroica rodinogaster* U.WM Last rec 1983.

FLAME ROBIN *Petroica phoenicea* MC.WM.

GBS: one spring rec: 2/1st week Aug, Fraser. Three recs in May and June (Holt, Acton, Mitchell).

N=0.5(85%) C=0.1(15%) S=0(0%) T=0.2 F=6%

Other: 1 in willows/3 Sep, LBGE (Ormay); 1 fem/23 Oct, LBGE (Ross); 3 prs in breeding habitat/5 Nov, Bulls Head area; family party/1 Mar, Condor Ck (Grant); 2 males/29 Apr, 1 male/8 May, LBGE (Ross).



SCARLET ROBIN *Petroica multicolor* C.BR (ranges), MC.WM

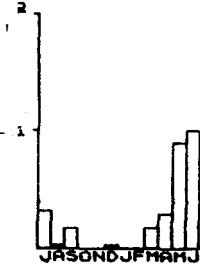
(city).

GBS: last spring rec: 4th week Sep (1st week Oct' 1982-83). First autumn rec: 1st week Mar (2nd week Mar 1982-83). Note unusual summer rec: 1 male 19 Dec, O'Connor. Seasonal fluctuations, overall numbers and distribution largely unchanged. N=1.4(16%)

C=2.0(23%) S=5.4(61%) T=2.9 F=21%

Other: 1 fem/15 Feb, Uriarra Crossing; 1 male/8 Mar, Gloucester Golf Course (Holland)

RED-CARPED ROBIN *Petroica goodenovii* R.BR. Last rec: 1983.



HOODED ROBIN *Melanodryas cucullata* U.BR.

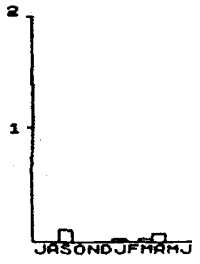
1-2/Jun, Castle Hill (Mason); pr/11 Jun, Gudgenby area (Grant).

EASTERN YELLOW ROBIN *Eopsaltria australis* C.BR (ranges).

GBS: some recs from 4 gardens. Many fewer records than in 1982-93 (T=2.9).

N=0.1(14%) C=0.6(86%) S=0(0%) T=0.2 F=6%

Other: recorded regularly in small numbers at the Museum Site, Yarramundi Reach, where the species was found to be breeding (MSS); pr nesting/7 Jan, Warrina Inlet (Grant).



JACKY WINTER *Microeca leucophaea* VU.BR/M ?

GBS: only one rec: 2/5th week Apr, Farrer. Recorded in small numbers most years.

Other: 2/21 Aug, LBG (WBS); 1/2 Dec, Lambrigg area (Ross, Wilson).

CRESTED SHRIKE-TIT *Falcunculus frontatus* U.BR (ranges), U (city).

GBS: 1/4th week Aug, Scullin; 1/2nd week Sep, Hall. Typical number of recs.

OLIVE WHISTLER *Pachycephala olivacea* VU.WV (city)

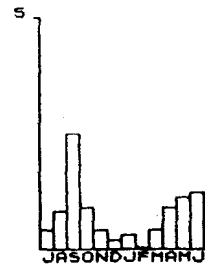
1/29 Dec, Bulls Head (Grant). Last rec: 1982.

GOLDEN WHISTLER *Pachycephala pectoralis* MC.BSM (ranges),
MC (citv)

GBS: note unusually high numbers in Sep. Seasonal fluctuations, overall numbers and distribution largely unchanged.

N=10(38%) C=11(40%) S=6.0(22%) T=9.1 F=42%

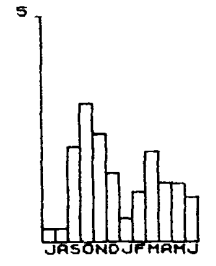
Other: 1 male/22 Jul, ANU; 1pr/6 Sep, ANU; 1 male/9 Sep, Ainslie; 2 male and 6 fem plumage, Mt Ainslie; 2 males/16 May, ANU (Lenz)



RUFIOUS WHISTLER *Pachycephala rufiventris* MC.BSM (some over-winter).

GBS: influx in Oct (Sep in previous year). Autumn peak has also been noted in 1981-82 and 1982-83. Recs in central region down by 50%. Other areas unchanged. Overall numbers down.

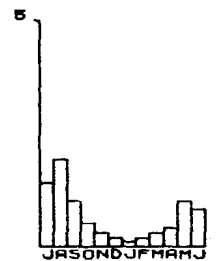
N=14(28%) C=12(23%) S=25(49%) T=17 F=58% Other:
unusual winter rec: 1 fem/6 Jun, Mt Ainslie, west slopes (FitzGerald).



GREY SHRIKE-THRUSH *Colluricincla harmonica* MC.BR.

GBS: winter and autumn numbers much lower than in 1982-83, but comparable with 1981-82 levels. Overall numbers down by almost 60%.

N=5.2(21%) C=8.7(36.7%) S=11(43%) T=8.1 F=46% Other:
recorded regularly in the Museum Site on Yarramundi Reach where the species was recorded breeding (MSS); ad and imm/7 Jan, Warrina Inlet (Grant).



FLYCATCHERS, FANTAILS AND WAGTAIL

BLACK-FACED MONARCH *Monarcha melanops* R.v.

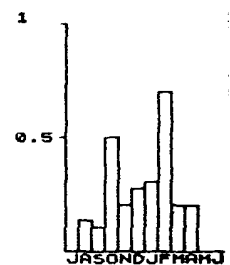
GBS: one very unusual rec: 1 juv/20 Mar, Ainslie. Last rec: 1982.

LEADEN FLYCATCHER *Myiagra rubecula* C.BSM.

GBS: very early spring rec: 2nd week Aug. Last rec: 4th week Mar. Peaks in Oct and Feb as in 1982-83. Overall numbers down by 50%. Distribution unchanged.

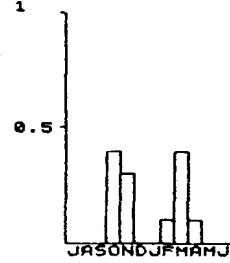
N=1.7(22%) C=4.8(62%) S=1.3(16%) T=2.6 F=28% Other:
1 male/29 Sep, Mt Ainslie and 1 male/2 Oct, Pialligo (Lenz); breeding pr/spring, ANU (Grant.); pr building nest/6 Dec, fem feeding young/15 Feb,

1982; pr feeding 2 fledglings/29 Dec, Bundell's Farmhouse (Doyle); 6 territories/29 Jan, Mt Ainslie, lower slopes (Lenz); late record: 1 fem/16 Apr, Bot Gardens (Grant).



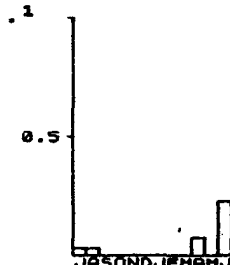
SATIN FLYCATCHER *Myiagra cyanoleuca* U.BSM (ranges).
 GBS: present 2nd week Oct (5th week Oct 1982-83) to 3rd week Nov, and from 4th week Feb to 2nd week Apr (same week 1982-83). Recorded more frequently than in 1982-83 (T=0.4).

N=2.1(53%) C=1.2(31%) S=0.1(16%) T=1.3 F=13% Other: male/17 Oct, Telopea Park (Doyle); 3 males with Rufous Fantails and Golden Whistlers/29 Oct, Mt Ainslie (Lenz); at least 2 prs, one building nest/13 Nov, Tinderry Ranges (Holland).



RESTLESS FLYCATCHER *Myiagra inquieta* U.BM/PM ?

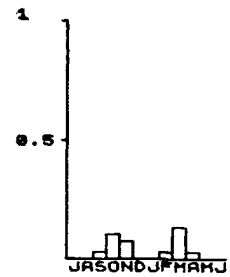
GBS: 7 recs from 4 gardens. Typical number of recs N=0.5(47%) C=0.6(53%) S=0(0%) T=0.4 F=6% Other: 1/2 Dec, Pine Is.Rd (Ross, Wilson); 2 ads feeding chicks/15 Feb, Uriarra Crossing (Holland); 1 fem hawking for insects/17 Mar, Weston Park (Taylor); 1/13 May, Lanyon (Holland); 1/late Jun, ANU (Grant).



RUFOUS FANTAIL *Rhipidura rufifrons* MC.BSM (ranges).

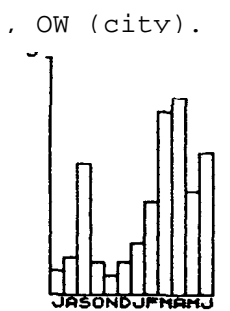
GBS: recorded 2nd week Sep to 3rd week Nov, and 4th week Feb to 2nd week Apr. Typical number of recs.

N=0.2(18%) C=0.7(56.7%) S=0.3(26%) T=0.4 F=10% Other: 7(!) with Satin Flycatchers and Golden Whistlers/29 Oct and 1/1 Dec, Mt Ainslie (Lenz); 5/17 Dec, Lees Ck (Taylor); 1/30 Dec, Blue Range Hut (Mason).



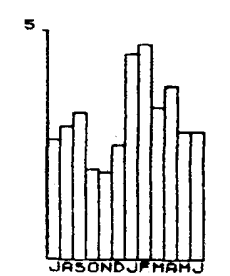
GREY FANTAIL *Rhipidura fuliginosa* VC.BSM (ranges)

GBS: as in previous years, there were clear peaks in spring and autumn, but overall numbers were down by 30%. Distribution over the geographical region is otherwise largely unchanged. N=21(31%) C=21(31%) S=25(38%) T=22 F=63% Other: considerable numbers were located on Yarramundi Reach most months. The species probably breeds in the area (MSS).



WILLIE WAGTAIL *Rhipidura leucophrys* C.BR/PM ?- GBS: minimum in Oct-Nov, followed by peak in Jan-Feb as in 1981-82 and 1982-83, probably accounted for by large numbers of young having left the nest. Where do these young go in the winter? Substantial increase in recs from central region (1982-83, T=32). Overall numbers stable.

N=18(16%) C=48(43%) S=45(40%) T=37 F=83%
 Other: 19 (max together: 8) moving N along SE
 CBN 10 2 71



Apr 1985

WHIPBIRD, QUAIL-THRUSH AND BABBLERS

EASTERN WHIPBIRD *Psophodes olivaceus* MC.BR (ranges).

1 heard/17 Dec, Lees Ck (Taylor); I male heard on several occasions/Mar, Condor Ck (Grant).

SPOTTED QUAIL-THRUSH *Cinnclosoma punctatum* U.BR.
2+3/6 Apr, Camelback Trail, Tid (Taylor).

GREY-CROWNED BABBLER *Pomatostomus temporalis* VR.BR Last rec: 1975.

WHITE-BROWED BABBLER *Pomatostomus Superciliou*. 5.0 Last rec: 1950.

1

OLD WORLD WARBLERS

CLAMOROUS REED-WARBLER *Acrocephalus stentoreu*. VC.BM.

GBS: only one garden rec, but an unusually early one: 1/1st week Aug, Scullin.

Other: recorded all months, with ma. 10:1/2= Oct, LBGE (Ross); 2 singing/1 Sep, ANU (Lenz); large numbers/26 Sep, Kelly's Swamp (Gregory-Smith); 96/5 Feb, LBG (MSS); I ad feeding juv/31 Mar until May, ANU (Lenz).

LITTLE GRASSBIRD *Megalurus gramineus* MC.BR'.

Recorded all months with max 10/8 Jan, LBGE (Foss); 1 heard/11 Sep, LGin (Grant); always present at Sewage Ponds, Fyshwick (Grant); 12/5 Feb, LBG (MSS).

GOLDEN-HEADED CISTICOLA *Cisticola* MC.BR.

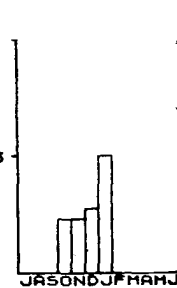
Recorded in small numbers most months; LBGE (Ross); Village Ck, and Tuggeranong CK (Holland).

RUFIOUS SONGLARK *Cinclorhamphus mathewsi* I.BSM.

GBS: recorded regularly in three gardens between 1st week Oct and 4th week Jan. Similar numbers in 1982-83.

N=1.5(42%) C=0(0%) S=2.1(58%) T=1.2 F=4"/.

Other: 1/27 Sep, LBGE (Ross); 2+/27 Oct, Belconnen Golf Course; 3+/12 Nov, Weston Park (Holland); 1 heard for several weeks/Nov-Dec, north end of Kings Ave Bridge (Doyle); 5+/6 Dec, Uriarra Crossing (Holland); 2 - male calling continuously, fern on the ground (breeding?)/13 Dec, ANU Staff Centre (Taylor); 1 calling/17 Dec, Uriarra Hs (Taylor); widespread in summer e.g. Mt Ainslie, Black Mt, Acton (Grant).



BROWN SONGLARK *Cinclorhamphus cruralis* I.SBM
 2/2 Oct, Tuggeranong silt trap area (Holland); 2 males/20 Nov
 !Bath (Lenz); 1/2 Dec, South Tuggeranong area (Ross, Wilson);
 males/5 Feb, LBath (Lenz).

WRENS, THORNBILLS AND ALLIES

SUPERB FAIRY WREN *Malurus cyaneus* C.BR.

GBS: usual decline to a minimum in Dec with a strong peak in Feb. Note unusually high numbers in May and Jun. Fewer recs in the south than last year. Overall numbers slightly lower. Note, however, that numbers have returned to their 1981-82 level= after an increase last year. How far does this species stray from areas of bushland

N=29(22%) C=69(54%) S=30(23%) T=43 F=51%

PILOTBIRD *Pycnoptilus floccosus* MC.BR (ranges). Last rec: 1979. Please submit all recs of this species.



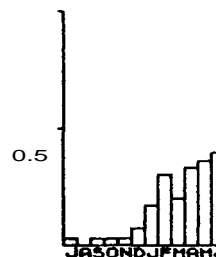
WHITE-BROWED SCRUBWREN *Sericornis frontalis* C.BR(ranges),
 U.BR (city).

GBS: numbers of recs climbed steadily during the 1 year. Low numbers from the northern region as in 1982-83. Overall numbers rather higher (1982-83, T=1.3). The status of this species may require revision.

N=0(0%) C=4.4(73%) S=1.Z(25%) T=2-0 F=7

Other: very common and widespread on Yarramundi Reach, where it was breeding (MSS).

CHESTNUT-RUMPED HYLACOLA *Sericornis pyrrhopygius* R.V. Last rec: 1975.

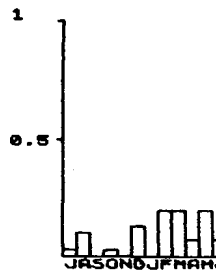


SPECKLED WARBLER, *Sericornis sagittatus* MC.BR.

GBS: occasional recs from central and southern regions. (Only recorded in central region in 1982-83.) Overall numbers unchanged.

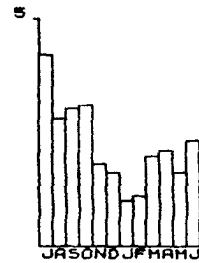
N=0(0%) C=1.3(39%) S=2.0(61%) T=1.1 F=4%

Other: recorded most months, Yarramundi Reach (MSS); 2/9 Jul, Mt Ainslie; 1/23 Jul, Black Mt (Grant); 2 with Scrubwrens, Brown Thornbills and Grey Fantails/ 20 Feb, Mt Ainslie, upper west slopes (Taylor); 1/27 May, Bruce (Grant).



WEEBILL *Smicrornis brevirostris* C.BR.

GBS: minimum in summer (spring in 1981-82 and 1982-83). Autumn maximum also much less pronounced than in previous years. Overall numbers down by almost 40% on the previous year, but much closer to the 1981-82 level (T=35). Only recs from northern region at previous levels.
N=9.2(11%) C=43(54%) S=28(35%) T=27 F=311



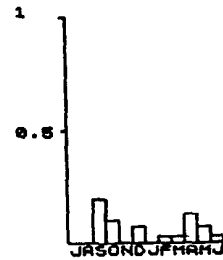
BROWN GERYGONE *Gerygone mouki* R.V.

Unusual rec: 1 in a gully/29 Aug, Mt Ainslie (Lena).

WESTERN GERYGONE *Gerygone fusca* U.BSM/PM

GBS: first rec: 2nd week Sep (3rd week Aug 1982-83). Last rec unusually late: 2nd week Jun (4th week Mar 1982-83). Seasonal fluctuations show a marked contrast to those of 1982-83. Far fewer recs from northern region and overall numbers much lower (1982-83, N=5.4, T=2.7).

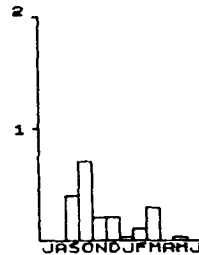
N=0.4(17%) C=1.2(58%) S=0.2(26%) T=0.7 F=10%
Other: 3 singing/8 Jan, Pistol Club, Mt Ainslie (Grant).



WHITE-THROATED GERYGONE *Gerygone olivacea* C.BSM.

GBS: first rec: 3rd week Sep (about average). Last autumn rec: 2nd week May (2nd week Apr 1982-83). Recorded far less frequently than in 1982-83 (T=6.1) and still considerably lower than the 1981-82 level (T=4.7).

N=1.6(29%) C=1.6(29%) S=2.4(43%) T=1.9 F=22%

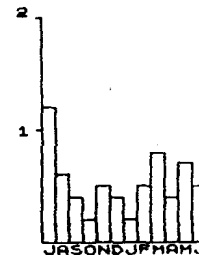


BROWN THORNBILL *Acanthiza pusilla* MC.BR.

GBS: recorded in small numbers all year. May be more numerous in cooler months. Overall numbers 50% lower than in 1982-83, but comparable with 1981-82 levels. Distribution has been different three years in succession.

N=1.8(9%) C=5.9(31%) S=12(60%) T=6.4 F=19%

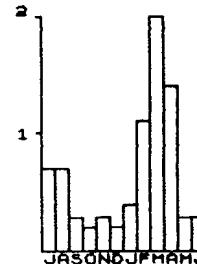
Other: recorded regularly on Yarramundi Peach where it was probably breeding (MSS).



BUFF-RUMPED THORNBILL *Acanthiza reguloides* MC.BR.

GBS: there was a peak in summer-autumn, as in 1982-33 and in 1981-82. Overall numbers down by about 30%., central and southern numbers much lower.

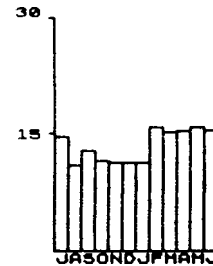
N=10(43%) C=6.6(28%) S=6.8(29%) T=7.8 F=137 Other: 2 feeding juvs in willow 3m above ground/ 19 Sep, Dairy Flat (Ormay).



YELLOW-RUMPED THORNBILL *Acanthiza chrysorrhoa* C.BR. •

GBS: autumn peak in recs less pronounced than in previous years. Less common in the north this year than last, and overall recs down by about 20%. Recs of this species have been falling steadily over the three--year period since the GBS began in 1981-82.

N=107(22%) C=128(27%) S=249(51%) T=161 F=81%



YELLOW THORNBILL *Acanthiza nana* U.BR.

GBS: 2 recorded regularly in Ainslie then O'Connor from 3rd week Jan.

Other: 1pr and 2 juvs/spring, Mt Ainslie transformer station (Lenz); 1/13 Sep, 2/6 Dec, 2/25 Feb, Uriarra Crossing (Holland).

STRIATED THORNBILL *Acanthiza lineata* C.BR.

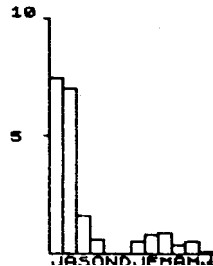
GBS: numbers fell spectacularly over the spring, with only a few recs thereafter. Overall numbers about 50 % lower than 1982-83, but are comparable with 1981-82 levels. Distribution is also markedly different. The status of this species may need revision.

N=7.7(9%) C=22(37%) S=32(54%) T=20 F=25%

See CBN 8(4), 100-101.

SOUTHERN WHITEFACE *Aphelocephala leucopsis* VU.BR.

2/17 Jul, LBath (WBS); 6/29 Apr, Tharwa Rd near Pine Is Rd intersection (Andrew).



SITTELLA AND TREECREEPERS

VARIED SITTELLA *Daphoenositta chrysoptera* MC.BR.

GBS: very few recorded in first half of the year, but increase in summer and autumn - a similar pattern to 1982-83. Overall numbers down by about 50%. Numbers in north constant, but others lower. These figures indicated that the species may be partially migratory or nomadic. The status given above needs reviewing.

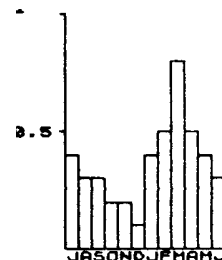
N=14(77%) C=4.1(23%) S=0(0%) T=5.9 F=107

Other: 15/20 Feb. Mt Ainslie. west slopes (Taylor: CBN 10 2



Apr 1985

WHITE-THROATED TREECREEPER *Climacteris leucophaea*
 GBS: minimum in Nov-Dec, with strong peak in Mar. ,
 Identical pattern in 1982-83. North and central
 recs much lower, but south higher. Overall numbers
 down by about 40%.
 N=3.3(25%) C=5.9(45%) S=4.1(31%) T=4.4 F=147

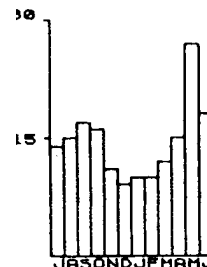


RED-BROWED TREECREEPER *Climacteris erythroptis* MC.BR (ranges).
 1/8 Oct, Camelback Trail, Tid (Grant).

BROWN TREECREEPER *Climacteris picumnus* U.BR.
 1/3 Jul, Mt Ainslie (Grant); 1/2 Dec, Lambrigg area (Ross,
 Wilson); 1/29 Apr, Tharwa Rd near Pine Is Rd intersection
 (Andrew); 1/11 Jun, Gudgenby area (Grant).

HONEYEATERS

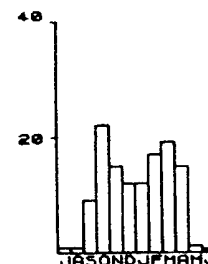
RED WATTLEBIRD *Anthochaera carunculata* C.BR.
 GBS: as in previous years numbers declined to a
 minimum in the summer followed by a peak in
 autumn. Overall numbers almost 50% higher than in
 1982-83, and comparable with 1981-82 levels.
 Distribution similar. Very widespread.
 N=156(30%) C=180(35%) S=185(35%) T=174 F=94% Other:
 approx. 40/17 Nov, Piccadilly Circus (Taylor).



LITTLE WATTLEBIRD *Anthochaera chrysoptera* U.V.
 GBS: three unconfirmed sightings: 1/3rd week July, Deakin;
 1/2nd week Jan, Holt; 1/4th and Zth weeks Apr,
 Spence.
 N=0.3(74%) C=0.1(26%) S=0(0%) T=0.1 F=4%

SPINY CHEEKED HONEYEATER *Acanthagenys rufogularis* VU.V.
 Addendum: 1/29 Dec 1982, Botanic Gardens (H. Bell).

NOISY FRIARBIRD *Philemon corniculatus* C.BSM.
 Spring arrival in Sep as in previous years. Peaks
 in spring and autumn. Overall numbers much lower
 than 1982-83, but comparable with 1981-82.
 Distribution unchanged. Very widespread.
 N=114(31%) C=121(32%) S=139(37%) T=125 F=94% Other:
 1 pr with 2 successful broods, nest sites close
 together/spring, Mt Ainslie (Lenz); 7/21
 Sep, ANU (Gregory-Smith); migrating flock of 40/29
 Apr, Weston Park (Taylor).



CBN fn

LITTLE FRIARBIRD *Philemon citreogularis* VU.SV.

GBS: one rec: 1/4th week Oct, Kaleen. Three recs in 1982-83, two in 1981-82.

Other: 1 preening and feeding on eucalypt blossom/27 Sep, Cook (Rana Munns).

REGENT HONEYEATER *Xanthomyza phrygia* U/I.BV.

GBS: 2 undocumented recs: 1 pair present regularly 4th week Sep-3rd week Oct, Kambah; 2/4th week Oct, Farrer.

BLUE-FACED HONEYEATER *Entomyzon cyanotis* VR.V.

Last rec: 1943 ?

NOISY MINER *Manorina melanocephala* C/L.BR.

GBS: recs fell suddenly from the level they reached in autumn 1983 and remained constant throughout the year. Overall numbers less than half 1982-83 levels. Distribution shows greater numbers in the north as in 1982-83. Few central recs.

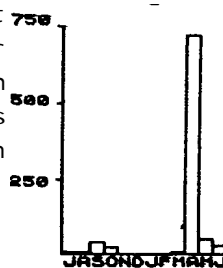
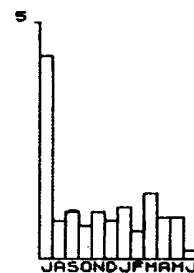
N=34(83%) C=0.1(0%) S=6.7(16%) T=14 F=18%
 Other: small colony present all year behind War Memorial (Taylor), also adventure playground, Kambah and 3/5 Aug, Gloucester Golf Course (Holland).

YELLOW-FACED HONEYEATER *Lichenostomus chrysops* C.BSM (ranges).

GBS: spring influx began in 1st week Sept, most departing by 5th week Oct. Some remained over summer. Autumn migration in progress from 1st-5th weeks Apr, peak in 2nd week Apr. Overall numbers returned to 1981-82 levels after low figures in 1982-83. Distribution also similar to 1981-82. Very widespread.

N=169(6%) C=1318(507.) S=1136(43%) T=874 F=90% Other:

Circus; 100 in approx. 1 km of casuarinas along Murrumbidgee (breeding?)/25 Nov, Cottermouth; 8 calling/17 Dec, Lees Creek; flock of 7 moving east through pine forest/28 Feb, Pierces Creek Forest; 8 parties totalling about 100 individuals moving south from tree to tree in late afternoon/2 Apr, Strathnairn-is; 12 moving through trees at summit at 0800 hrs/3 Apr, Mt Ainslie; hundreds in small parties moving through canopy of forest all morning/6 Apr, Tid (Taylor); 10,060 heading east between 1000 and 1140, 14 Apr, Lyneham (Prendergast); 9,400 passed between 0900 and 1400 hrs/26 Apr, Point Hut Crossing; parties coming over Ainslie-Majura saddle at midday at rate c. 1000 per hour, flying due east towards Glade Trig point/1 May, Cherryburn Hs (Taylor); 8375 (mostly Yellow-faced) heading north between 0845 and 1145/8 May, Geary's Gap (Prendergast, Taylor).



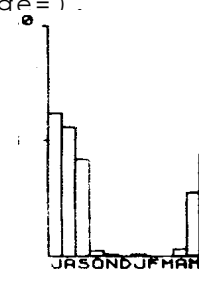
WHITE-EARED HONEYEATER *Lichenostomus leucotis* C.BSM (ranges

GBS: most left urban areas during Sep. Very few recorded between 2nd week Oct and 3rd week Mar. Most returned in Apr. Overall numbers and distribution similar to previous two years.
 N=6.5(18%) C=4.0(11%) S=26(72%) T=12 F=50%
 Other: common **around** Bulls Head/29 Dec (Grant).

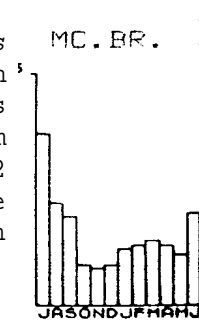


YELLOW-TUFTED HONEYEATER *Lichenostomus melanops* U.BR. Last rec: 1983.

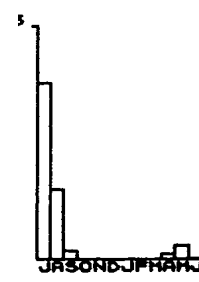
FUSCOUS HONEYEATER *Lichenostomus fuscus* Mr. BM (range=).
 GBS: very few recs between 2nd week Oct and 4th week Apr. First autumn rec two weeks later than in previous two years. Overall numbers down c. 56%. More common in central region as in 1981-82. Numbers of this species have fallen steadily since the start of the GBS in 1981-82. What factors contribute to these changes?
 N=17(24%) C=33(47%) S=21(29%) T=24 F=46%



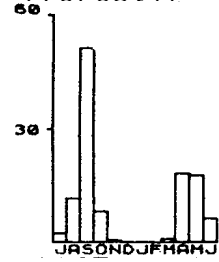
WHITE-PLUMED HONEYEATER *Lichenostomus penicillatus* MC.BR.
 GBS: numbers declined to a minimum in spring, then rose steadily throughout the rest of the year as in previous years. Overall numbers unchanged from 1982-83, but still less than half their 1981-82 values. Geographical distribution is much more uniform than last year. Distributions have been different each year.
 N=12(22%) C=18(32%) S=26(46%) T=19 F=43%



BROWN-HEADED. HONEYEATER *Melithreptus brevirostris* forest),U.V(city). MC.BR (op
 GBS: last spring rec: 4th week Sep. No records thereafter until 3rd week Apr. Several recs in Apr and May. Compare 1982-83. Overall numbers and distribution unchanged. More common in the south for three consecutive years.
 N=1.2(7%) C=0.4(4%) S=16(89%) T=5.9 F=8%
 Other: 1/1 Dec, Mt Ainslie (Lenz); 1 migrating north/8 May, Geary's Gap (Prendergast, Taylor); c.8/3 Jun, Tid (Grant).



WHITE-NAPED HONEYEATER *Melithreptus lunatus* C.BSM (forest).
 GBS: note unusually large numbers in Sep. Last
 spring rec: 1st week Nov (5th week Oct, 1982-83;
 1st week Oct 1981-82). Two summer recs. Autumn
 influx commenced 3rd week Mar (3rd week Apr, 1982-
 83; 4th week Apr, 1981-82). Much more common than
 in 1982-83, but still only half 1981-82 levels.
 More common in the south as in 1982-83.
 N=58(17%) C=104(30%) S=188(54%) T=117 F=65%



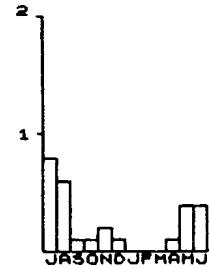
Other: at least 270 moving north between 0845 and 1145 with
 Yellow-faced Honeyeaters/8 May, Geary's Gap (Prendergast,
 Taylor); 21 migrating south/15 Aug, Gungahlin (Clayton).

PAINTED HONEYEATER *Grantiella pieta* R.BSM. Last rec: 1978.

CRESCENT HONEYEATER *Phylidonyris pyrrhoptera* MC.BR (ranges).
 A.M (city).

GBS: unusual spring recs in Chapman. First autumn
 rec: 4th week Apr. Overall numbers lower than in
 1982-83. More common in the south, as in previous
 years.

N=0.5(6%) C=0.9(12%) S=6.4(82%) T=2.6 F=13% Errata:
 CBN 9(3), 122: read "Last rec: 4th week Sep 19827,
 first rec: 1st week Apr [19833." CBN
 9(3), 124 : Crescent Honeyeater T=6.7.

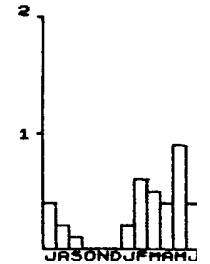


Other: 2/19 Jul, ANU (Lenz); 1/17 Dec, Lees Ck (Taylor); 1/1
 May, ANU (Lenz); 1/17 May, CSIRO, Black Mt (Lenz); 1/20 Jun,
 Cotter Dam (Grant)

NEW HOLLAND HONEYEATER *Phylidonyris novaehollandiae* MC.BR,

GBS: very few recs during spring. Mostly recorded
 in autumn and winter as in 1982-83. Much more
 frequently recorded than in 1982-83. Distribution
 also shows some marked changes, but this may be
 the result of small sample size. More data is
 still required for this species.

N=3.3(29%) C=6.3(56%) S=1.7(15%) T=3.8 F=147.



TAWNY-CROWNED HONEYEATER *Phylidonyris melanops* VUI.V (?)
 Last rec: 1965

EASTERN SPINEBILL *Acanthorhynchus tenuirostris* MC.BR (ranges),
 C.AM (city).

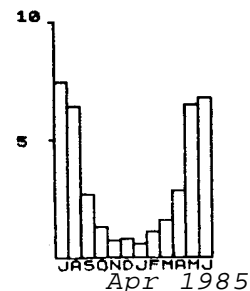
GBS: lower numbers recorded in spring and summer.
 Numbers slightly lower in the south, other areas
 unchanged. Overall numbers rather lower than in
 previous year. Greater proportional numbers were
 recorded in the central region in 1981-82 and
 1982-83, but not this year.

N=33(28%) C=31(27%) S=52(45%) T=39 F=71%

Other: 4/17 Dec, Lees Ck (Taylor).

CBN 10 2

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SCARLET HONEYEATER *Myzomela sanguinolenta* S.U.

GBS: second rec for Canberra area: 1/5th week Oct, O'Connor (Vandermark).

AUSTRALIAN CHAT

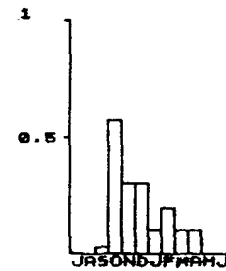
WHITE-FRONTED CHAT *Epthianura albifrons* U.B.R.

Recorded LBath most months, more numerous Jan-Jun; 3/12 Nov, LBGE (Ross); 4 on islet/12 Jan, Googong Dam (Taylor); 53 in a single flock [largest number since WBS began 1/5 Feb and 18/20 May, LBath (Len:)].

MISTLETOEBIRD, PARDALOTES AND SILVEREYE

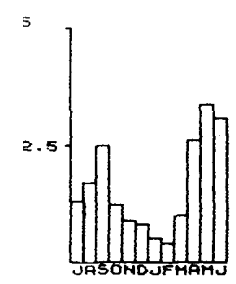
GBS: first spring rec: 4th week Sep (2nd week Oct 1982, 1st week Oct 1981). Peak in October. Last rec: 5th week Apr (2nd week Mar 1982). Overall recs down 60% on 1982-83. Distribution similar.

N=0(0%) C=2.3(44%) S=2.9(56.7) T=1.7 F=10%
 Other: 2 ferns and 2 males/6 Dec, 2 +ems and 1 male/15 Feb, Uriarra Crossing (Holland); 5+/25 Feb, Uriarra Crossing (Grant).



SPOTTED PARDALOTE *Pardalotus punctatus* C.BR/M. GBS: very low numbers throughout the year. All but absent over the summer. Overall numbers only one quarter of the levels of 1982-83 and less than one sixth of their 1981-82 levels. Is this species partly nomadic, or is the reduction the result of the drought? See also Striated Pardalote below. Has remained proportionately more common in the central region.

N=6.6(11%) C=42(71%) S=10(18%) T=20 F=44%

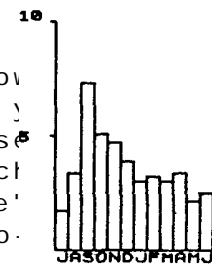


YELLOW-RUMPED PARDALOTE *Pardalotus xanthopygus* R.V. Last rec: 1965.

STRIATED PARDALOTE *Pardalotus striatus* C.CB.

GBS: small peak in spring, but generally very low numbers throughout the year. Overall numbers only one third of 1982-83 levels, and, as was the case with the Spotted Pardalote above, numbers are much lower than in 1981-82. This species is now more evenly distributed throughout the city, with proportionately fewer in the central region in 198384.

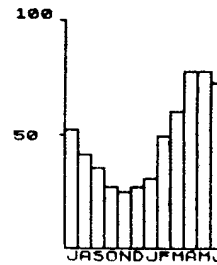
N=31(24%) C=46(36%) S=52(40%) T=43 F=64



SILVEREYE *Zosterops lateralis* VC.BR.

GBS: numbers declined to a minimum in Nov and Dec, then climbed steadily to a peak in the autumn. Patterns, overall numbers and distribution similar to 1981-82 and 1982-83. This species has remained one of the area's most numerous and widespread species since the start of the 'GBS in 1981-9'.

N=405(23%) C=630(36%) S=694(40%) T=576 F=97%



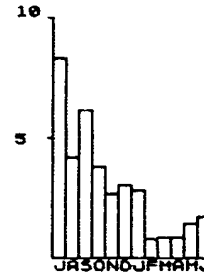
FINCHES, SPARROWS AND FIRETAILS

EUROPEAN GOLDFINCH *Carduelis carduelis* C.BR.

GBS: in sharp contrast with 1982-83 numbers declined throughout the spring and summer and remained very low for the rest of the year. Overall numbers down 30% on 1982-83, although distribution is unchanged.

N=25(22%) C=30(27%) S=57(51%) T=37 F=60%

Other: recorded all months, LBGE (Ross).



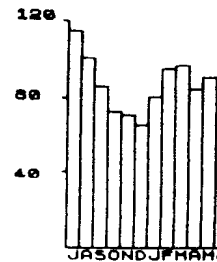
EUROPEAN GREENFINCH *Carduelis chloris* C.BR.

1-5 recorded Aug-Sep and Jan-Feb, overall numbers much lower, LBGE (Ross); recorded most months in Barton area, max 8 (Doyle); permanent colony cf at least 8 in Roman Cypress *Cupressus scmpervirens* plantation at west end of LBG (MSS, Grant); 2/26 Nov, Parliamentary Lawns; 2/1 Feb, Manuka shops (Taylor).

HOUSE SPARROW *Passer domesticus* VC.BR.

GBS: as in previous years numbers declined to a minimum in late spring and early summer, then rose again later in the year. Overall numbers and distribution are largely unchanged for the third successive year. Canberra's most numerous species after the Common Starling.

N=893(28%) C=1266(40%) S=990(31%) T=1046 F=97% Other:2 widespread is this species in rural ACT?

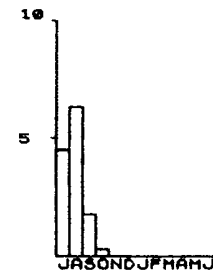


TREE SPARROW *Passer montanus* SU. Last rec: 1969.

RED-BROWED FIRETAIL *Emblema temporalis* MC.BR. GBS:

numbers declined markedly between Aug and Oct. Only one rec after 3rd week Nov. This species appeared to be absent over the autumn - precisely the time when it was recorded most frequently in 1982-83. The status of this species may require some revision. Overall numbers slightly lower, distribution shows some changes, but consistently lower numbers in the south.

N=0(0%) C=20(52%) S=19(48%) T=13 F=10%

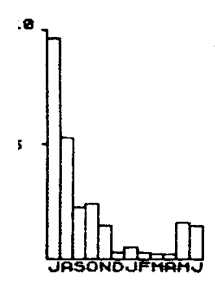


BEAUTIFUL FIRETAIL *Emblema bella* VR.V. Last rec;

DIAMOND FIRETAIL *Emblema guttata* UL.BR (outside urban area):
1/10 Jan, . Googong foreshores (Taylor); 6/29 Apr, near LBath
(Grant).

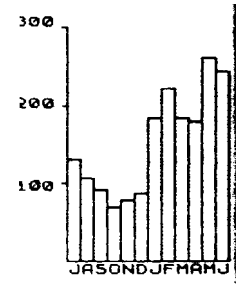
ZEBRA FINCH *Poephila guttata* R.V.
Unusual rec: 20+/30 Jul, Chuculba Cres, Giralang (H. B.
Gill).

DOUBLE-BARRED FINCH *Poephila bichenovii* MCL.BR.
GBS: numbers declined rapidly in the first half of
the year. Few recs after Nov. This is a marked
contrast to 19E31-82 and 1982-83. Overall numbers
down by 50%. Substantial increase in recs from the
south (1982-83: S=15).
N=14(18%) C=18(24%) S=45(59%) T=26 F=29% Other:
50+/23 Jul, LGin (Grant); 1+/5 Aug, Gloucester
Golf Course (Holland); 1/8 Jan, Mt Ainslie; 1/27
May, Bruce; 2/Jun, Sot Gardens (Grant).



STARLING AND MYNAH

GBS: for the third consecutive year Canberra's
most numerous and widespread species. Overall
numbers and distribution largely unchanged from,
1982-83. Numbers still much lower than before the
drought. Very widespread -- recorded in 99% of
gardens. Note higher numbers in early 1984.
N=1241(23%) C=2382(43%) S=1859(34%) T=1828 F=997.
Other: c.3000 May, LBGE (Ross).

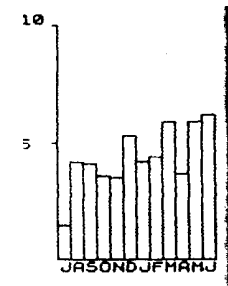


COMMON MYNAH *Acridotheres tristis* .BR.

GBS: Recorded throughout inner south Canberra,
Weston Ck, and Kambah. Permanent colony in Scul-
lin. Overall numbers greater than 1982-83.

N=15(9%) C=29(18%) S=114(72%) T=53 F=28%

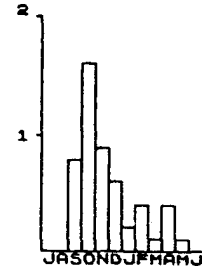
Other: 1-5 recorded most months, LBGE (Ross); 2+
calling and inspecting tree holes/5 Aug, Buxton
St, Deakin, many are year-round residents in the
area (Clayton, Braithwaite); pr resident in area
for six weeks/Oct-Nov, Fellows St, Latham (Blay
lock); 1/14 Nov, Canberra Brickworks, Yarralumla; 4/3 Dec,
Bedford St, Deakin; 1/4 Dec, Botany St, Phillip; 1/7 Jan,
Greek Embassy, Yarralumla (Taylor); very unusual northside
rec: 8 with a flock of starlings/27 Jan. Foveaux St, Ainslie
(Lenz); 2/28 Jan, Namatjira Dr, Fisher (Holland); 1/20 Jan,
Yarralumla shops; 5/1 Feb, Manuka shops (Taylor); Feb,
Kapunda St, Fisher (Holland); 7/19 Feb, Kingston shops (Tay-



lor); 1/14 Jar and 1/17 Feb, Red Hill (Gregory-Smith); 2/31 May, Chapman shops (Holland).

ORIOLE, DRONGO AND BOWERBIRD

OLIVE-BACKED ORIOLE *Oriolus sagittatus* MC.BSM.
 GBS: unusual early rec: 1st week Aug (Ainslie).
 Spring influx commenced 1st week Sep (2nd week Sep, 1982; 3rd week Sep, 1981; 18 Sep 1979; 23 Sep 1978). Last rec: 4th week May. Strong peak in spring as in previous years. Overall numbers similar to 1982-83, but distribution more uniform. N=5.7(37%) C=4.4(28%) S=2.4(35%) T=5.2 F=387 Other: late rec: 1/3 Jun, Ainslie (Lenz).
 SPANGLED DRONGO *Dicrurus hottentottus* VR.V. Last rec: 1980.

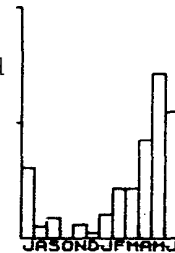


SATIN BOWERBIRD *Ptilonorhynchus violaceus* MC.BR. (ranges)
 888: 1/3rd week Oct, 3/4th week Apr, both in Duffy.
 Other: bower containing blue plastic tape, Crimson Rosella tail-feathers and a blue shotgun cartridge/17 Dec, Lees Ck (Taylor); 1 fem/18 Dec, near Warrina Inlet (Grant). Note: this species was recorded in Yarralumla in 1982-83 GBS.

CHOUGH, APOSTLEBIRD AND MAGPIE-LARK

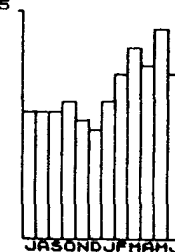
WHITE-WINGED CHOUGH *Corcorax melanorhamphos* MCL.BR.

GBS: few recs in spring and early summer. Numbers "climbed from Jan onwards. This is different from patterns of two previous years. Overall numbers and distribution largely unchanged. Still only =, mall numbers in the south. Most recs from gardens near bushland remnants.
 N=1.3(2%) C=65(79%) S=16(19%) T=27 F=18%
 Other: 1 ad and 3 juvs/30 Nov, ANU (P.Metcalf).



APOSTLEBIRD *Struthidea cinerea* VR.V. Last rec: 1948.

AUSTRALIAN MAGPIE-LARK *Grallina cyanoleuca* VC BR
 GBS: numbers fell to a minimum in Nov and Dec, '85 then rose to a maximum in May as the large post-breeding flocks formed. This pattern is similar to 1977-83. North, south and overall numbers are 20- higher than in the previous year but are still lower than in 1981-82 (T=223).
 '111-747/. C=281(48%) S=170(29%) T=197 F=94%
 late breeding rec: 1 juv just out of nest/9 ANU (Lenz)



WOODSWALLOWS

MASKED WOODSWALLOW *Artamus personatus* I.BSM. Last rec: 1983. Addendum to CBN 9(3),131: 1 with 40 White-browed Woodswallows/5 Nov 1982, Mt Ainslie (Lenz).

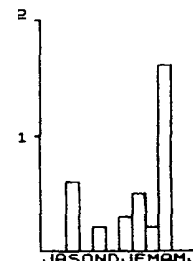
WHITE BROWED WOODSWALLOW *Artamus superciliosus* I.BSM. Last rec: 1983.

DUSKY WOODSWALLOW *Artamus cyanopterus* C.BSM. GBS: first rec (see below also): 1st week Sep.

Overall numbers down considerably on previous year (1982-83: T=15.1). Still very few recorded in south.

N=0.4(4%) C=5.5(54%) S=4.3(42%) T=3.4 F=11%
Other: early rec: 4/18 Sep, LBGE (Ross); 6 including fledglings/13 Dec, ANU Staff Centre (Taylor); 3, recently fledged/31 Dec, ANU (Grant); 6+ including fledglings/15 Feb, Uriarra Crossing (Holland); 50/24 Mar, Black Mt Pen; 50/11 Apr,

5/12 Apr and 7+2+2/14 Apr, Ainslie (Lenz); 12/29 Apr, Acacia Inlet (Taylor); 12/2 May, ANU and 10/3 May, CSIRO Black Mt (Lenz).



BUTCHERBIRDS, MAGPIE AND CURRAWONGS

GREY BUTCHERBIRD *Cracticus torquatus* MC.BR (ranges), VU/R.V, (city).

GBS: 1/4th week Oct, Flynn.

Other: 1 in garden/21 Aug, Gowrie (G.Milkovits); 2/3 Oct, Camelback Trail, Tid (Grant); 4 calling in various places/6 Apr, Camelback Trail, Tid (Taylor).

PIED BUTCHERBIRD *Cracticus nigrogularis* VU.V. Last 1982

AUSTRALIAN MAGPIE *Gymnorhina tibicen* VC.BR.

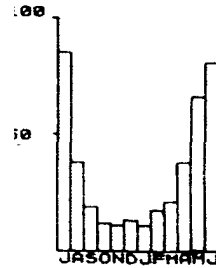
GBS: overall numbers and distribution largely unchanged compared with 1982-83, but number still considerably lower than in 1981-82. Slight increase in recs from southern region. This is one of the most widespread of Canberra's birds. Monthly fluctuation difficult to interpret.

N=237(30%) C=280(35%) S=284(35%) T=267 F=99% Other: unusually large concentration: 44/Jan, Chapman St, Braddon (Rowell).



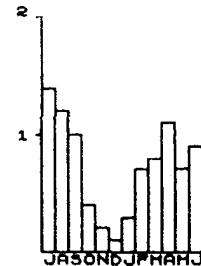
PIED CURRAWONG *Strepera graculina* VC.BR (A).
 GBS: numbers declined a little earlier than in 1982--83, but overall numbers and distribution were largely unchanged.

N=213(17%) C=426(34%) S=601(48%) T=413 F=97% Other:
 c.1000 on roost flight/23 Jul, Scrivener Dam (Lenz, Taylor); 3 groups of independent young (7+7+3) with no accompanying ads/24 Jan, ANU (Lenz); 441/25 Apr and 896/25 Jun, on roost flight, Scrivener Darn (Lenz, Taylor).



GREY CURRAWONG *Strepera versicolor* U.BR.
 GBS: monthly fluctuations, overall numbers and distribution resemble more closely those of 198182 than of 1982-83, a year of unusually high numbers.

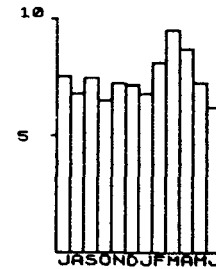
N=7.5(20%) C=18(69%) S=0.7(3%) T=8.8 F=42% Other:
 1/26 Jul and 1/5 Aug, Gloucester Golf Course (Holland); 2/25 Apr, Mt Ainslie summit (Mason).



RAVENS

AUSTRALIAN RAVEN *Corvus coronoides* C.BR.
 GBS: as previous years, numbers remained fairly constant but there was a small peak in autumn. Overall numbers and distribution were largely unchanged in comparison with 1982-83, but numbers in both years were rather lower than in 1981-82. Consistently lower numbers have been recorded in the north in all three years.

N=41(15%) C=96(36%) S=131(49%) T=89 F=88%



LITTLE RAVEN *Corvus mellori* MC.BR, (rural).
 GBS: occasional individuals or pairs were recorded most months. Overall numbers much lower (1982-83: T=7.4). Still no recs in the north.

N=0(0%) O=2.0(89%) S=0.2(11%) T=0.7 F=6%
 Other: Z/17 Jul, LBath (WBS); 100+/2 Sep, Oxley (Holland); 4/18 Sep, 1/5 Feb, 15/20 May, LBath (WBS).

