

SCIENCE & RESEARCH SERIES NO.59

REPORT ON BIRD BANDING IN NEW ZEALAND 1991-1992

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by

Roderick O Cossee

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CONTENTS

Abstract	1
1 Introduction	1
2 Methods	2
3 Results	2
4 Recoveries	3
5 Requests for Information	5
6 Acknowledgements	5
Table 1: General Banding Totals	7
Table 2: Banding Totals by Age and Sex	13
Table 3: Summary of Year's Recoveries	17
Table 4: Summary per Permit	19
Appendix 1: Research Supported by Bird Banding	29

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ABSTRACT

During the 1991/92 banding year 22,869 birds of 95 species were banded and 148 previously banded birds were re-banded, bringing the grand total of individual birds banded in New Zealand over the years since 1950 to 1,105,994. Two species previously not banded, Wandering Tattler and North Island Kaka, were banded during the year. A total of 3277 recoveries were added to the computer files. Bird banding supported a large variety of research projects and was regulated by 26 individual permits and 34 institutional/group permits.

1 INTRODUCTION

Bird banding (ringing) is recognised worldwide as an important research tool for both amateur and professional ornithologists. In New Zealand it has been recognised officially as such since 1950, when the Ornithological Society of New Zealand started the first organised scheme. The Department of Internal Affairs soon followed with its own scheme for game bird species. The New Zealand National Banding Scheme as it exists today was initiated in 1967, when the two then existing schemes (run by the Dominion Museum and the New Zealand Wildlife Service respectively) were joined together. Between 1967 and 1987 the scheme was run under the auspices of the Wildlife Service. In 1987 the New Zealand National Banding Scheme was taken over by the Department of Conservation and is now operated and maintained by their Science & Research Division.

The objective of the scheme is to accurately record information about life expectancy and movements of birds. Apart from its value in understanding bird biology, such knowledge is essential for the effective conservation of native species and for management of game birds, as well as for the control of those species that are considered a nuisance.

This report summarises the bird banding activity in New Zealand during the 1991/92 banding season and gives details of some interesting recoveries. Appendix 1 lists some of the research projects which were serviced by the Banding Scheme.

2 METHODS

The totals given are for the period between 1 April 1991 and 31 March 1992. They may include some records for birds banded in previous years, however, as schedules not received in time for inclusion in the 1990/91 report have been included. Similarly, totals relating to the present report year, which were received after the cut-off date for this report, were omitted. Previously banded birds which were re-banded during the year are not included in the totals, nor in Table 1. Details on re-banded birds can be found in Tables 2 and 4.

The naming and order of species in this report is based on the Annotated Checklist of the Birds of New Zealand (1970 and subsequent amendments and additions). The Ornithological Society of New Zealand published an updated version of the Checklist of the Birds of New Zealand in 1990. The order of species in this new version differs markedly from the earlier published checklists. For the sake of continuity as well as to avoid reprogramming of existing computer programmes we have decided to adhere to the previous edition.

The species code numbers are those used under the Banding Scheme.

Numbers in open brackets are provisional totals and are lower than the actual number banded. This is because actual figures for birds banded during the early years of banding under the Department of Internal Affairs are not known. Figures in square brackets indicate birds banded as an unknown species of a particular genus. These latter are included in Table 1 as they contribute to the total number of birds banded. They are not included in the total number of species banded.

3 RESULTS

During the 1991/92 banding season 22,869 birds of 95 species were banded and 148 previously banded birds were re-banded. Non-game species contributed 20,115 (88%) and game species 2,754 (12%) to the new birds banded. During this report season there was again a decline in the number of game birds banded. Numbers fell from 3,584 in 1990/91 to the present 2,754, a decline of just over 23%. The number of non-game birds increased by 19.3% in comparison with the previous year.

The total number of birds banded in New Zealand increased to 1,105,994 (previously 1,083,125). Of these birds 163,256 (14.8%) have been recovered at least once, while many of them have been recovered on multiple occasions.

The total number of species banded during the existence of the Scheme increased by two to 231, with Wandering Tattler and North Island Kaka being banded for the first time.

The numbers banded for each species are given in Table 1. It should be noted that re-banded birds have been omitted from this table.

Table 2 summarises by age and sex the birds banded during the 1991/92 season. Also included in this table are the 148 birds that were re-banded during the year. They can be found under the heading 'RB'. These birds are included to illustrate the overall banding effort.

Bird banding supported a great number of research and management projects. These are listed in Appendix 1. Numbers in brackets after the project titles are the actual permit numbers.

3 RECOVERIES

A total of 3,277 recoveries were coded and added to the database. Not all these recoveries were received during the report year. A number of these records go back to previous years and are mostly operator recoveries. There is a steadily growing backlog in data input, especially in the non-game sector of these recoveries. All data entry is now done in the Banding Office, while previously this was done by outside agencies.

A large number of recoveries were reported by the general public. The handling of these recoveries has precedence over other recoveries. Where possible, they are dealt with on the day of receipt. All finders are informed of the relevant banding details and receive some additional information on the New Zealand National Banding Scheme. Maximum required turnover time for public recoveries is ten days but even during the hunting season staff managed to process recoveries within a week of receipt.

The Banding Scheme plays a major role as an interface with the public. A quick and efficient response enhances the chance of members of the public sending in bands, as well as keeping up the standing of the Department. As mentioned in a previous report, the New Zealand National Banding Scheme has the fastest response time for public recoveries in the world as well as the highest recovery rate!

Of the 3,277 recoveries processed during the year 1,612 records (49.2%) were for birds recovered dead and 1,665 (50.8%) for birds recovered alive (either actively caught or sight recoveries of birds with individual colour combinations or readable bands). Of all these recoveries 1,124 birds (34.2%) were recovered at least once before.

Of the 1,612 birds recovered dead 1,344 (83.4%) were game and 268 (16.6%) were non-game species. The 1,665 live recoveries consisted of 256 (15.4%) game and 1,409 (84.6%) non-game birds.

The 1,124 repeat recoveries were made up of 339 (30.2%) game and 785 (69.8%) non-game species.

Dead and live recoveries combined for each species group are 1,600 (48.8%) and 1,677 (51.2%) respectively.

At the time of writing the computer files hold records for 163,256 individual birds. The total number of recoveries of these individuals including many re-traps stands at 259,903.

Some notable recoveries are listed below.

Two Northern Royal Albatrosses (*Diomedea epomophora sanfordi*) were recovered at sea in Chile. R-29705 was banded as a chick on 27/9/74 on the Chathams. It was caught in fishing gear off the coast of San Antonio in 1975, the band was removed and the bird released unharmed. This recovery was only recently forwarded to us.

The second bird, R-32148 was found ill near Valparaiso in August 1992. The bird was brought to the Quilpue Zoo; its fate is not known.

Southern Royal Albatross (*Diomedea epomophora epomophora*) R-37156 was banded as a chick on Campbell Island on 19/10/77. It died after flying into the antenna of a fishing vessel at sea north-west of the Falkland islands on 17/8/92.

Over the years 249 Black Petrel *(Procellaria parkinsoni)* chicks have been transferred from Great Barrier to Little Barrier to boost the severely depleted colonies there. Although the success of the operation will not be known until 1994 or 1985, several of the birds have been recovered away from the colonies. H-26987 was transferred to Little Barrier on 10/5/86. It was caught by a fishing vessel off the coast of Paita, Peru in December 1991 and died in the process .

D-134232 a South Island Saddleback (*Philesturnus carunculatus*) is another transfer bird. It was originally caught as an adult male on Kaimohu Island and subsequently banded and transferred to Kundy Island on 26/1/78. It was recovered alive on Kundy on 5/3/92.

House Sparrow (*Passer domesticus*) B-43893 was caught as an adult male on 18/3/92 at Ward. It travelled to Picton and was killed by a cat on 28/7/92.

L-27544, an Australasian Harrier (*Circus approximans*) banded on 24/3/92 as an adult male in Greytown, was killed by a car in Ashburton on 4/4/92.

A Southern Black-backed Gull (*Larus dominicanus dominicanus*) banded as a pullus (chick) on Somes Island, Wellington Harbour on 28/12/91 was found dead on the beach at Waihou Bay near Cape Runaway in March 1992.

A number of Australian-banded Knots *(Calidris canutus canutus)* were retrapped in the Firth of Thames on 4/7/92. The birds originated from Western Australia, Victoria and Queensland.

Another Knot, C-45638, was banded as an adult on 3/11/90 at Miranda. It travelled all the way to Miaogang Nanhui County, Shanghai, China, and was shot by a hunter.

Finally, Eastern Bar-tailed Godwit (*Limosa lapponica baueri*) Y-3844, which was banded as an adult on 17/12/88 on the Kaipara Harbour, was shot on 12/5/91 in the Northern part of Bering Island, Kamchatka.

The leg-flagging schemes along the East-Asian and Australasian flyways are producing interesting results. In a previous report I mentioned recoveries of New Zealand flagged waders overseas. Here I report some sightings of Victoria banded (and leg-flagged) Bar-tailed Godwits from Karaka, South Manakau Harbour and Miranda, Firth of Thames. Until 1992 there were no recorded movements of this species between Victoria and New Zealand.

Knots have been reported on many occasions from Whangarei, Miranda, the Manawatu Estuary and as far south as Yarrs Flat, Lake Ellesmere. It is now proven that Red-necked Stints (Calidris ruficollis) use Australia as a staging post on their way to their wintering spots in New Zealand. Flagged stints were seen on at least five occasions around Lake Ellesmere. The co-operation between the banding schemes along the flyways is very important and the above mentioned results show that the flagging schemes are successful and will provide us with more knowledge and understanding of the migration of many of our birds.

5 REQUESTS FOR INFORMATION

The New Zealand National Banding Scheme has serviced a range of requests for information and analyses in 1990-91, both national and international. Amongst these were an analysis of movements of waterbirds between the North and South Island. Life expextancy analyses were done for several game species. Extensive information on dispersal of Australasian Gannets and various Albatrosses was provided to several researchers in Australia. Raptor and seabird movements were supplied on several occasions and many requests for information on Blue Penguins were honoured.

6 ACKNOWLEDGEMENTS

I am indebted to Mrs G D Tofield for her valued contribution to the administration of the New Zealand National Banding Scheme, to M J Wakelin for technical and field support, and to C J R Robertson for valuable advice during the year.



TABLE 1 GENERAL BANDING TOTALS (REBANDS EXCLUDED)

	SPECIES NUMBER AND NAME			The first of the state of the s
				ALL YEARS
001	NORTH ISLAND BROWN KIWI SOUTH ISLAND BROWN KIWI STEWART ISLAND BROWN KIWI LITTLE SPOTTED KIWI YELLOW-EYED PENGUIN NORTHERN BLUE PENGUIN COOK STRAIT BLUE PENGUIN WHITE-FLIPPERED BLUE PENGUIN SOUTHERN BLUE PENGUIN CHATHAM ISLAND BLUE PENGUIN	332	0	332
002	SOUTH ISLAND BROWN KIWI	4	0	4
003	STEWART ISLAND BROWN KIWI	21	0	21
004	LITTLE SPOTTED KIWI	143	0	143
012	YELLOW-EYED PENGUIN	3942	432	4374
026	NORTHERN BLUE PENGUIN	615	0	615
014	COOK STRAIT BLUE PENGUIN	2017	71	2088
016	WHITE-FLIPPERED BLUE PENGUIN	11539	640	12179
015	SOUTHERN BLUE PENGUIN	726	177	903
027	CHATHAM ISLAND BLUE PENGUIN	15	0	15
017	ROCKHOPPER PENGUIN	2404	. 1	2405
019	FIORDLAND CRESTED PENGUIN	619	23	642
020	SNARES CRESTED PENGUIN	2179	0	2179
021	ERECT-CRESTED PENGUIN	4.3	0	4.3
041	WANDERING ALBATROSS	3003	198	3201
044	NORTHERN ROYAL ALBATROSS	2482	322	2804
043	SOUTHERN ROYAL ALBATROSS	32671	22	32693
045	BLACK-BROWED MOLLYMAWK	13	0	13
046	WHITE-FLIPPERED BLUE PENGUIN SOUTHERN BLUE PENGUIN CHATHAM ISLAND BLUE PENGUIN ROCKHOPPER PENGUIN FIORDLAND CRESTED PENGUIN SNARES CRESTED PENGUIN ERECT-CRESTED PENGUIN WANDERING ALBATROSS NORTHERN ROYAL ALBATROSS SOUTHERN ROYAL ALBATROSS BLACK-BROWED MOLLYMAWK NEW ZEALAND BLACK-BROWED MOLLYMAWK GREY-HEADED MOLLYMAWK WHITE-CAPPED (SHY) MOLLYMAWK WHITE-CAPPED (SHY) MOLLYMAWK CHATHAM ISLAND MOLLYMAWK LIGHT-MANTLED SOOTY ALBATROSS NORTHERN GIANT PETREL SOUTHERN GIANT PETREL SOUTHERN GIANT PETREL ANTARCTIC FULMAR SNARES CAPE PIGEON CAPE PIGEON GREY-FACED PETREL WHITE-HEADED PETREL WHITE-HEADED PETREL	22518	0	22518
047	GREY-HEADED MOLLYMAWK	6382	7	6389
049	BULLER'S MOLLYMAWK	2102	174	2276
050	WHITE-CAPPED (SHY) MOLLYMAWK	561	0	561
052	SALVIN'S MOLLYMAWK	1296	0	1296
051	CHATHAM ISLAND MOLLYMAWK	2	0	2
054	LIGHT-MANTLED SOOTY ALBATROSS	437	0	437
109	NORTHERN GIANT PETREL	1239	0	1239
061	SOUTHERN GIANT PETREL	7	0	7
064	ANTARCTIC FULMAR	. 2	0	2
063	SNARES CAPE PIGEON	873	0	873
062	CAPE PIGEON	6800	0	6800
093	GREY-FACED PETREL	17375	1740	19115
094	WHITE-HEADED PETREL	31	0	. 31
095	WHITE-NAPED PETREL	516	0	516
098	MOTTLED PETREL	418	0	418
	SOFT-PLUMAGED PETREL	20	0	20
	KERMADEC PETREL	950		
	CHATHAM ISLAND TAIKO	41		47
	PYCROFT'S PETREL	642	0	642
	GOULD'S PETREL	1		1
	COOK'S PETREL	327		331
	BLACK-WINGED PETREL	2768		2818
	CHATHAM ISLAND PETREL	48	0	49
	BLUE PETREL	1	0	1
	BROAD-BILLED PRION	1590		1590
	ANTARCTIC PRION	20	0	20
	AUCKLAND ISLAND PRION	24		24
7 17 17 17 17 17	NARROW-BILLED PRION	1	0	1
073	FAIRY PRION	43592	0	43592

	FULMAR PRION CHATHAM FULMAR PRION GREY PETREL BLACK PETREL WESTLAND BLACK PETREL WHITE-CHINNED PETREL PLESH-FOOTED SHEARWATER WEDGE-TAILED SHEARWATER BULLER'S SHEARWATER SOOTY SHEARWATER CHRISTMAS ISLAND SHEARWATER FLUTTERING SHEARWATER HUTTON'S SHEARWATER NORFOLK ISLAND LITTLE SHEARWATER NORFOLK ISLAND LITTLE SHEARWATER NORTH ISLAND LITTLE (ALLIED)	PRE 1991	TOTAL 91/92	TOTAL FOR ALL YEARS
075	FULMAR PRION	61	0	61
074	CHATHAM FULMAR PRION	2	0	61 2
089	GREY PETREL	8	0	8
090	BLACK PETREL	846	104	950
000	WESTLAND BLACK PETREL	34//	221	3698
077	PLESH-FOOTED SHEADWATER	1749	33	31 1782
078	WEDGE-TAILED SHEARWATER	461	33	461
079	BULLER'S SHEARWAYER	1049	ŏ	1049
080	SOOTY SHEARWATER	6728	93	6821
115	CHRISTMAS ISLAND SHEARWATER	1	0	1
082	FLUTTERING SHEARWATER	1787	0	1787
083	HUTTON'S SHEARWATER	1134	0	1134
084	NORFOLK ISLAND LITTLE SHEARWATE	R 1	0	1
085	KERMADEC LITTLE SHEARWATER	354	0	354
	SHEARMALER			
087	SHEARWATER SUBANTARCTIC LITTLE SHEARWATER PRION SPECIES	5	0	5
777	PRION SPECIES LEACH'S FORK-TAILED PETREL GREY-BACKED STORM PETREL WHITE-FACED STORM PETREL KERMADEC STORM PETREL BLACK-BELLIED STORM PETREL WHITE-BELLIED STORM PETREL NORTHERN DIVING PETREL SUBANTARCTIC DIVING PETREL SOUTHERN DIVING PETREL DIVING PETREL (SP.) PETREL SPECIES RED-TAILED TROPIC BIRD WHITE-TAILED TROPIC BIRD AUSTRALASIAN GANNET BROWN BOOBY	[4]	0	5 [4] 776
121	LEACH'S FORK-TAILED PETREL	1	0	1
123	GREY-BACKED STORM PETREL	775	1	776
124	WHITE-FACED STORM PETREL	6575	0	6575
125	KERMADEC STORM PETREL	1	0	1
120	BLACK-BELLIED STORM PETREL	6	0	6
127	NORTHERN DIVING DECEMENT	25	0	25
133	CHIERN DIVING PETREL	/139	ő	7139
132	SOUTHERN DIVING PETREE	104	ő	104
135	DIVING PRUPPI. (SP.)	104	0	104
	PETREL SPECIES	(11	. 0	111
141	RED-TAILED TROPIC BIRD	119	0	119
142	WHITE-TAILED TROPIC BIRD	13	0	13
161	AUSTRALASIAN GANNET	16484	1429	17913
162	BROWN BOOBY	1	0	1
163	BROWN BOOBY MASKED (BLUE-FACED) BOOBY BLACK SHAG	445		446
171	BLACK SHAG	522	0	522
172	PIED SHAG	168	0	168
173	LITTLE BLACK SHAG LITTLE (WHITE-THROATED) SHAG	954	1	955
174	LITTLE (WHITE-THROATED) SHAG	116	0	116
176	STEWART ISLAND SHAG	2		2
179	AUCKLAND ISLAND SHAG	154	0	154
	CAMPBELL ISLAND SHAG	66	0	66
	SPOTTED SHAG	457	8	465
216	WHITE-FACED HERON	14	0	14
	WHITE HERON	2	0	2
	REEF HERON	52	0 3 0	55
	CATTLE EGRET BITTERN	7	O	1
	ROYAL SPOONBILL		0	7
	MUTE SWAN	11	6	17
	BLACK SWAN	(59980)	0	/500001
	CANADA GOOSE	(53977)		
	PARADISE SHELDUCK	(68906)	10,	(68906)

	MALLARD HYBRID MALLARD (CROSS) GREY DUCK GREY TEAL BROWN TEAL AUCKLAND ISLAND TEAL CAMPBELL ISLAND TEAL NEW ZEALAND SHOVELER BLUE DUCK NEW ZEALAND SCAUP DUCK (GREY OR MALLARD) AUSTRALASIAN HARRIER NEW ZEALAND FALCON CHUKOR RED-LEGGED PARTRIDGE RED-LEGGED PARTRIDGE RED-LEGGED PARTRIDGE RED-LEGGED PARTRIDGE HEASANT BANDED RAIL NORTH ISLAND WEKA WESTERN WEKA BUFF WEKA STEWART ISLAND WEKA MARSH CRAKE SPOTLESS CRAKE PUKEKO NOTORNIS WEKA SPECIES SOUTH ISLAND PIED OYSTERCATCHER VARIABLE OYSTERCATCHER	TOTAL PRE 1991	91/92	POP BIT
252	MALLARD	(89954)	0	(89954)
259	HYBRID MALLARD (CROSS)	(1761)	0	(1761)
251	GREY DUCK	(34225)	0	(34225)
247	GREY TEAL	(1490)	0	(1490)
248	BROWN TEAL	(1746)	51	(1797)
249	AUCKLAND ISLAND TEAL	45	0	45
250	CAMPBELL ISLAND TEAL	3	0	3
253	NEW ZEALAND SHOVELER	(4494)	0	(4494)
254	BLUE DUCK	(202)	27	(229)
256	NEW ZEALAND SCAUP	(107)	6	(113)
	DUCK (GREY OR MALLARD)	[(13)	1 0	[(13)]
272	AUSTRALASIAN HARRIER	4657	223	4880
281	NEW ZEALAND FALCON	47	0	47
296	CHUKOR	2182	35	2217
299	RED-LEGGED PARTRIDGE	18162	2065	20227
300	RED-LEGGED PARTRIDGE (HYBRID)	42	0	42
298	GREY PARTRIDGE	(14215)	0	(14215)
292	BROWN QUAIL	18	0	18
295	CALIFORNIA QUAIL	(12204)	1	(12205)
293	PHEASANT	(57990)	467	(58457)
331	BANDED RAIL	32	0	32
335	NORTH ISLAND WEKA	3474	0	3474
336	WESTERN WEKA	450	0	450
337	BUFF WEKA	31	0	31
338	STEWART ISLAND WEKA	781	0	781
340	MARSH CRAKE	5	0	5
341	SPOTLESS CRAKE	23	0	23
342	PUKEKO	1880	19	1899
343	NOTORNIS	204	82	286
	WEKA SPECIES	[11	0	111
401	SOUTH ISLAND PIED OYSTERCATCHER	1502	128	1630
402	VARIABLE OYSTERCATCHER	288	0	288
404	CHATHAM ISLAND OYSTERCATCHER	93	0	93
403	(BLACK OYSTERCATCHER)	101	0	101
411	SPUR-WINGED PLOVER	630	0	630
413	SOUTH ISLAND PIED OYSTERCATCHER VARIABLE OYSTERCATCHER CHATHAM ISLAND OYSTERCATCHER (BLACK OYSTERCATCHER) SPUR-WINGED PLOVER LEAST GOLDEN PLOVER (PACIFIC GOLDEN PLOVER	4	0	4
418	NEW ZEALAND DOTTEREL	390	96	486
415	GOLDEN PLOVER NEW ZEALAND DOTTEREL BANDED DOTTEREL BLACK-FRONTED DOTTEREL NEW ZEALAND SHORE PLOVER WRYBILL EASTERN BAR-TAILED GODWIT	3913	75	3988
422	BLACK-FRONTED DOTTEREL	72	0	72
419	NEW ZEALAND SHORE PLOVER	433	0	433
420	WRYBILL	2428	14	2442
445	WRYBILL EASTERN BAR-TAILED GODWIT	469 0 13 150	7.7	546
449	WANDERING TATTLER	0	1	1
451	TURNSTONE	13	5	18
453	CHATHAM ISLAND SNIPE	150	0	150
454	SNARES ISLAND SNIPE	274	0	274
458	KNOT	2833	101	2934
461	CURLEW SANDPIPER	4	0	4
462	RED-NECKED STINT	i	0	1
481	PIED STILT	883	142	1025
482	WANDERING TATTLER TURNSTONE CHATHAM ISLAND SNIPE SNARES ISLAND SNIPE KNOT CURLEW SANDPIPER RED-NECKED STINT PIED STILT BLACK STILT SOUTHERN GREAT SKUA	125	4	129
511	SOUTHERN GREAT SKUA	1578		1578

	ANTARCTIC SKUA ARCTIC SKUA SOUTHERN BLACK-BACKED GULL RED-BILLED GULL BLACK-BILLED GULL CASPIAN TERN BLACK-FRONTED TERN ANTARCTIC TERN FAIRY TERN WHITE-FRONTED TERN SOOTY TERN COMMON NODDY WHITE-CAPPED NODDY WHITE TERN GREY TERNLET NEW ZEALAND PIGEON CHATHAM ISLAND PIGEON ROCK PIGEON MALAY SPOTTED DOVE BARBARY DOVE KAKAPO NORTH ISLAND KAKA SOUTH ISLAND KAKA SOUTH ISLAND FARAKEET KERMADEC PARAKEET RED-CROWNED PARAKEET CHATHAM IS. RED-CROWNED PARAKEET REISCHECK'S PARAKEET YELLOW-CROWNED PARAKEET CHATHAM ISLAND YELLOW-CROWNED SHINING CUCKOO	TOTAL PRE 1991	TOTAL 91/92	TOTAL FOR ALL YEARS
512	ANTARCTIC SKUA	2414	0	2414
514	ARCTIC SKUA	1	0	1
521	SOUTHERN BLACK-BACKED GULL	69298	1022	70320
523	RED-BILLED GULL	89540	749	90289
524	BLACK-BILLED GULL	37092	0	37092
527	CASPIAN TERN	5435	34	5469
525	BLACK-FRONTED TERN	1372	0	1372
529	ANTARCTIC TERN	158	0	158
531	FAIRY TERN	9	5	14
532	WHITE-FRONTED TERN	23396	204	23600
533	SOOTY TERN	14654	0	14654
534	COMMON NODDY	4	0	4
535	WHITE-CAPPED NODDY	26	0	26
536	WHITE TERN	3	0	3
537	GREY TERNLET	190	0	190
551	NEW ZEALAND PIGEON	172	2	174
552	CHATHAM ISLAND PIGEON	10	11	21
553	ROCK PIGEON	60	0	60
554	MALAY SPOTTED DOVE	2	8	10
555	BARBARY DOVE	1	0	1
561	KAKAPO	80	1	81
562	NORTH ISLAND KAKA	0	20	20
563	SOUTH ISLAND KAKA	63	6	69
564	KEA	1366	43	1409
566	EASTERN ROSELLA	2	0	2
572	ANTIPODES ISLAND PARAKEET	69	0	69
567	KERMADEC PARAKEET	7	0	7
568	RED-CROWNED PARAKEET	759	9	768
569	CHATHAM IS. RED-CROWNED PARAKEET	1	0	1
570	REISCHECK'S PARAKEET	56	0	56
573	YELLOW-CROWNED PARAKEET	110	23	133
574	CHATHAM ISLAND YELLOW-CROWNED PARAKET	9	0	9
583	SHINING CUCKOO	70	1	71
584	LONG-TAILED CUCKOO	4	0	4
	MOREPORK	50	1	51
	LITTLE OWL	16	0	16
621	NEW ZEALAND KINGFISHER	240	12	252
	NORTH ISLAND RIFLEMAN	150		150
	SOUTH ISLAND RIFLEMAN	1101	0	1103
	ROCK WREN	9	0	9
	SKYLARK	37	5	42
662	WELCOME SWALLOW	321	41	362
741	NEW ZEALAND PIPIT	46	1	47
731	HEDGESPARROW	2174	135	2309
	NORTH ISLAND FERNBIRD	34	0	34
	SOUTH ISLAND FERNBIRD	257	o	257
	STEWART ISLAND FERNBIRD	27	0	27
706	SNARES FERNBIRD	152	0	152
	BROWN CREEPER	297	0	297
	WHITEHEAD	345	18	363
	YELLOWHEAD	124	9	133
	GREY WARBLER	1031	21	1052
	The state of the s	4444	20.2	1005

PRE 1991 91/92 FOR 1918 PRE 1991 91/92 PRE 1992 91/		SPECIES NUMBER AND NAME	PRE 1991	TOTAL 91/92	
681 NORTH ISLAND FANTAIL 682 SOUTH ISLAND FANTAIL 684 PIED TIT 685 YELLOW-BREASTED TIT 685 YELLOW-BREASTED TIT 686 CHATHAM ISLAND TIT 687 BLACK TIT 689 NORTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 692 BLACK ROBIN 693 SOUTH ISLAND ROBIN 694 STEWART ISLAND ROBIN 695 SOUTH ISLAND ROBIN 696 O 26 721 SONG THRUSH 722 BLACKBIRD 731 STITCHBIRD 740 SANTAILBERT 751 STITCHBIRD 753 BELLBIRD 754 STITCHBIRD 755 TUI 756 CHATHAM ISLAND TUI 775 YELLOWHAMMER 776 CIRL BUNTING 776 CIRL BUNTING 777 CIRL BUNTING 778 CIRL BUNTING 779 STERNINCH 770 GREENFINCH 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 STARLING 776 THAT SANTAIL 777 STARLING 777 STARLING 778 REDPOLL 779 STARLING 770 SANTAIL 770 SANTAIL 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 YELLOWHAMMER 776 THAT SANTAIL 777 STARLING 778 REDPOLL 779 STARLING 770 SANTAIL 770 SANTAIL 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 SANTAIL 775 SANTAIL 776 CIRL BUNTING 777 SANTAIL 777 SANTAIL 778 REDPOLL 779 SANTAIL 770 SANTAIL 770 SANTAIL 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 YELLOWHAMMER 775 SANTAIL 776 CIRL BUNTING 777 SANTAIL 777 SANTAIL 778 SANTAIL 779 SANTAIL 770 SANTAIL 770 SANTAIL 770 SANTAIL 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 YELLOWHAMMER 775 YELLOWHAMMER 776 CIRL BUNTING 777 SANTAIL 777 SANTAIL 778 SANTAIL 779 SANTAIL 770 SANTAIL 770 SANTAIL 770 SANTAIL 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 YELLOWHAM 775 YELLOWHAM 776 CIRL 777 REDPOLL 777 SANTAIL 778 SANTAIL 778 SANTAIL 778 SANTAIL 779 SANTAIL 779 SANTAIL 770	715	CHATHAM ISLAND WARBLER	74	0	74
682 SOUTH ISLAND FANTAIL 684 PIED TIT 685 YELLOW-BREASTED TIT 686 CHATHAM ISLAND TIT 687 BLACK TIT 689 NORTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 692 BLACK ROBIN 693 BLACK ROBIN 694 STEWART ISLAND ROBIN 695 BLACK ROBIN 696 O 687 BLACK ROBIN 687 BLACK ROBIN 688 O 688 O 688 O 688 O 688 O 689 O 680	681	NORTH ISLAND FANTAIL	617	14	631
684 PIED TIT 685 YELLOW-BREASTED TIT 686 CHATHAM ISLAND TIT 687 BLACK TIT 689 NORTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 693 BLACK ROBIN 694 BLACK ROBIN 695 BLACK ROBIN 696 BLACK ROBIN 697 BLACK ROBIN 697 BLACK ROBIN 698 BLACK ROBIN 699 BLACK ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACKBIRD 693 BLACKBIRD 694 BLACK ROBIN 725 BLACKBIRD 726 BLACKBIRD 727 BLACKBIRD 730 BELLBIRD 740 STITCHBIRD 751 STITCHBIRD 753 BELLBIRD 754 CHATHAM ISLAND TUI 755 YELLOWHAMMER 756 CHATHAM ISLAND TUI 757 YELLOWHAMMER 757 CIRL BUNTING 757 CIRL BUNTING 758 CHATHAM ISLAND TUI 759 COLDFINCH 770 GREENFINCH 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 TARLING 775 TARLING 776 TRALING 777 TRALING 778 REDPOLL 7781 HOUSE SPARROW 7781 STARLING 7792 INDIAN MYNA 781 STARLING 7793 TRALING 7794 TRALING 7795 TRALING 7796 TRALING 7797 TRALING 7798 TRALING 7798 TRALING 7798 TRALING 7799 TRALING 7790 TRALING 7791 STARLING 7791 STARLING 7792 TOTAL THE TRALING 7794 TRALING 7795 TRALING 7796 TRALING 7797 TRALING 7798 TRALING 7798 TRALING 7798 TRALING 7799 TRALING 7790 TRALING 7790 TRALING 7791 STARLING 7792 TRALING 7793 TRALING 7794 TRALING 7795 TRALING 7796 TRALING 7797 TRALING 7798 TRALING 7798 TRALING 7798 TRALING 7799 TRALING 7790 TRALING 7790 TRALING 7790 TRALING 7791 TRALING 7792 TRALING 7794 TRALING 7795 TRALING 7796 TRALING 7797 TRALING 7798 TRALING 7798 TRALING 7799 TRALING 7799 TRALING 7790 TRALING 7	682	SOUTH ISLAND FANTAIL	865	5	870
685 YELLOW-BREASTED TIT 686 CHATHAM ISLAND TIT 687 BLACK TIT 688 NORTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 692 BLACK ROBIN 693 SOUTH ISLAND ROBIN 694 STEWART ISLAND ROBIN 695 BLACK ROBIN 696 BLACK ROBIN 697 BLACK ROBIN 698 BLACK ROBIN 699 BLACK ROBIN 690 SOUTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 693 STEWART ISLAND ROBIN 694 BLACK ROBIN 695 BLACK ROBIN 696 CHATHAM 697 BLACKBIRD 697 BLACKBIRD 698 GAMA 353 722 BLACKBIRD 697 BLACKBIRD 698 GAMA 353 725 BLACKBIRD 728 GOZE GAMA 353 729 TO STITCHBIRD 729 TO STATE S	684	PIED TIT	175	0	175
686 CHATHAM ISLAND TIT 37 0 16 687 BLACK TIT 161 0 16 689 NORTH ISLAND ROBIN 49 16 690 SOUTH ISLAND ROBIN 2358 73 243 691 STEWART ISLAND ROBIN 10 0 16 692 BLACK ROBIN 286 0 28 721 SONG THRUSH 3006 170 317 722 BLACKBIRD 6874 353 722 761 SILVEREYE 60256 4699 6495 751 STITCHBIRD 285 45 33 753 BELLBIRD 5975 24 599 755 TUI 937 24 96 7756 CHATHAM ISLAND TUI 1 0 0 7775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 7029 587 761 772 GOLDFINCH 7029 587 761 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND SADDLEBACK 289 0 28 825 SOUTH ISLAND SADDLEBACK 289 0 28 826 NORTH ISLAND SADDLEBACK 289 0 28 827 NORTH ISLAND SADDLEBACK 289 0 28 828 NORTH ISLAND SADDLEBACK 289 0 28 829 NORTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND SADDLEBACK 289 0 28 825 SOUTH ISLAND SADDLEBACK 289 0 28 826 NORTH ISLAND SADDLEBACK 289 0 28 827 NORTH ISLAND SADDLEBACK 289 0 28 828 NORTH ISLAND SADDLEBACK 289 0 28 829 NORTH ISLAND SADDLEBACK 289 0 28 821 NORTH ISLAND SADDLEBACK 289 0 28 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND SADDLEBACK 289 0 28 825 SOUTH ISLAND SADDLEBACK 289 0 28 826 NORTH ISLAND SADDLEBACK 289 0 28 827 NORTH ISLAND SADDLEBACK 289 0 28 828 NORTH ISLAND SADDLEBACK 289 0 28 829 0 28 829 0 28 820 NORTH ISLAND SADDLEBACK 289 0 28 821 NORTH ISLAND SADDLEBACK 289 0 28 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND SADDLEBACK 289 0 28 825 NOTH ISLAND SADDLEBACK 289 0 28 826 NORTH ISLAND SADDLEBACK 289 0 28 827 NOTH SADDLEBACK 289 0 28	685	YELLOW-BREASTED TIT	420	0	420
687 BLACK TIT 161 0 16 689 NORTH ISLAND ROBIN 49 16 6 690 SOUTH ISLAND ROBIN 2358 73 243 691 STEWART ISLAND ROBIN 10 0 16 692 BLACK ROBIN 286 0 286 721 SONG THRUSH 3006 170 317 722 BLACKBIRD 6874 353 722 761 SILVEREYE 60256 4699 6495 751 STITCHBIRD 285 45 33 753 BELLBIRD 5975 24 599 755 TUI 937 24 96 755 TUI 937 24 96 775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 2701 273 297 771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 773 REDPOLL 7821 247 806 774 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 48 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 259 0 25 813 HYBRID MAGPIE 259 0 25	686	CHATHAM ISLAND TIT	37	0	37
689 NORTH ISLAND ROBIN 690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 692 BLACK ROBIN 692 BLACK ROBIN 721 SONG THRUSH 722 BLACKBIRD 731 STITCHBIRD 745 STITCHBIRD 755 TUI 756 CHATHAM ISLAND TUI 777 YELLOWHAMMER 776 CIRL BUNTING 776 CIRL BUNTING 776 CIRL BUNTING 777 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 REDPOLL 775 TARRING 776 INDIAN MYNA 777 STARLING 778 REDPOLL 779 STARLING 770 STARLING 771 STARLING 772 INDIAN MYNA 773 REDPOLL 775 TARRING 776 INDIAN MYNA 777 STARLING 778 SOUTH ISLAND SADDLEBACK 779 INDIAN MYNA 770 INDIAN MYNA 770 INDIAN MYNA 771 BLAND SADDLEBACK 772 SOUTH ISLAND SADDLEBACK 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MYNA 779 INDIAN MYNA 779 INDIAN MYNA 770 INDIAN MYNA 770 INDIAN MYNA 770 INDIAN MYNA 771 BLAND SADDLEBACK 772 SOUTH ISLAND SADDLEBACK 773 BLAND SADDLEBACK 774 NORTH ISLAND SADDLEBACK 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MYNA 779 INDIAN MYNA 779 INDIAN MYNA 779 INDIAN MYNA 770 INDIAN MYNA 770 INDIAN MYNA 771 INDIAN MYNA 772 INDIAN MYNA 773 INDIAN MYNA 774 INDIAN MYNA 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MYNA 778 INDIAN MYNA 779 INDIAN MYNA 770 I	687	BLACK TIT	161	0	161
690 SOUTH ISLAND ROBIN 691 STEWART ISLAND ROBIN 692 BLACK ROBIN 721 SONG THRUSH 722 BLACKBIRD 731 STIVEREYE 731 STITCHBIRD 733 BELLBIRD 733 BELLBIRD 734 SOUTH ISLAND TUI 735 GLACHAMMER 74 CHAFFINCH 75 YELLOWHAMMER 75 CIRL BUNTING 75 CIRL BUNTING 75 GOLDFINCH 76 GOLDFINCH 77 GREENFINCH 77 GREENFINCH 77 GREENFINCH 77 STARLING 77 REDPOLL 77 STARLING 77 ST	689	NORTH ISLAND ROBIN	49	16	65
691 STEWART ISLAND ROBIN 692 BLACK ROBIN 721 SONG THRUSH 722 BLACKBIRD 761 SILVEREYE 761 SILVEREYE 753 BELLBIRD 753 BELLBIRD 755 TUI 756 CHATHAM ISLAND TUI 775 YELLOWHAMMER 776 CIRL BUNTING 777 CREENFINCH 777 GREENFINCH 778 REDPOLL 779 STARLING 771 STARLING 771 STARLING 772 SOUTH ISLAND SADDLEBACK 773 ROTH ISLAND SADDLEBACK 774 INDIAN MYNA 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 SOUTH ISLAND SADDLEBACK 779 INDIAN MYNA 770 INDIAN MYNA 771 INDIAN MYNA 772 SOUTH ISLAND SADDLEBACK 773 REDPOLL 774 CHAFFINCH 775 STARLING 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MYNA 779 INDIAN MYNA 770 INDIAN MYNA 770 INDIAN MYNA 771 INDIAN MYNA 772 INDIAN MYNA 773 REDPOLL 774 INDIAN MYNA 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MYNA 778 INDIAN MYNA 779 INDIAN MYNA 770 INDIAN MYNA 771 INDIAN MYNA 772 INDIAN MYNA 773 INDIAN MYNA 774 INDIAN MYNA 775 INDIAN MYNA 776 INDIAN MYNA 777 INDIAN MYNA 778 INDIAN MY	690	SOUTH ISLAND ROBIN	2358	73	2431
SOUTH SOUT	691	STEWART ISLAND ROBIN	10	0	10
721 SONG THRUSH 722 BLACKBIRD 761 SILVEREYE 761 SILVEREYE 762 STITCHBIRD 753 BELLBIRD 754 SELLBURD 755 TUI 756 CHATHAM ISLAND TUI 757 YELLOWHAMMER 757 YELLOWHAMMER 757 TO STITCHBIRD 758 TO STITCH SUNTING 759 SELLBURD 750 CIRL BUNTING 750 CIRL BUNTING 751 STITCH SUNTING 752 SELLOWHAMMER 755 TUI 756 CHATHAM ISLAND TUI 757 YELLOWHAMMER 757 TO SELLOWHAMMER 757 TO SELLOWHAMMER 757 TO SELLOWHAMMER 757 TO SELLOWHAMMER 758 SELLBURTING 759 SELLOWHAMMER 750 SELLOWHAMMER 750 SELLOWHAMMER 751 SELLOWHAMMER 752 SELLOWHAMMER 753 REDPOLL 754 SELLOWHAMMER 755 TUI 755 TUI 756 CHATHAM ISLAND TUI 757 TO SELLOWHAMMER 758 SELLBIRD 758 SELBIRD 758 SELLBIRD 758 SELBIRD 758	692	BLACK ROBIN	286	0	286
722 BLACKBIRD 761 SILVEREYE 761 SILVEREYE 753 STITCHBIRD 753 BELLBIRD 755 TUI 756 CHATHAM ISLAND TUI 775 YELLOWHAMMER 776 CIRL BUNTING 776 CIRL BUNTING 777 CHAFFINCH 771 GRENFINCH 772 GOLDFINCH 773 REDPOLL 773 REDPOLL 774 CHAFFING 775 TUI 776 STARLING 777 STARLING 778 STARLING 779 SOLDFINCH 770 SOLDFINCH 771 GRENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 THE STARLING 776 STARLING 777 STARLING 778 STARLING 779 STARLING 779 STARLING 779 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 778 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 779 SOUTH ISLAND SADDLEBACK 770 SOUTH SADDLEBACK 771 STARLING 772 SOUTH ISLAND SADDLEBACK 773 SOUTH SADDLEBACK 774 SOUTH SADDLEBACK 775 SOUTH SADDLEBACK 776 CHATHAM 777 SOUTH SADDLEBACK 777 SOUTH SADDLEBACK 778 SOUTH SADDLEBACK 778 SOUTH SADDLEBACK 779 SOUTH SADDLEBACK 770	721	SONG THRUSH	3006	170	3176
761 SILVEREYE 60256 4699 6495 751 STITCHBIRD 285 45 33 753 BELLBIRD 5975 24 599 755 TUI 937 24 96 756 CHATHAM ISLAND TUI 1 0 775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 7029 587 761 772 GOLDFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2	722	BLACKBIRD	6874	353	7227
751 STITCHBIRD	761	SILVEREYE	60256	4699	64955
753 BELLBIRD 5975 24 599 755 TUI 937 24 96 756 CHATHAM ISLAND TUI 1 0 775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 7029 587 761 772 GOLDFINCH 7029 587 761 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2	751	STITCHBIRD	285	45	330
755 TUI 937 24 96 756 CHATHAM ISLAND TUI 1 0 775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 2701 273 297 771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2	753	BELLBIRD	5975	24	5999
756 CHATHAM ISLAND TUI 1 0 775 YELLOWHAMMER 870 157 102 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 2701 273 297 771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 259 0 25 813 HYBRID MAGPIE 259 0 25	755	TUI	937	24	961
775 YELLOWHAMMER 776 CIRL BUNTING 25 2 2 774 CHAFFINCH 2701 273 297 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 773 REDPOLL 774 HOUSE SPARROW 775 STARLING 776 CIRL BUNTING 777 GREENFINCH 770 GOLDFINCH 770 GOLDFINCH 770 GOLDFINCH 771 GREENFINCH 772 GOLDFINCH 773 REDPOLL 774 CHAFFINCH 775 GOLDFINCH 775 GOLDFINCH 776 CIRL BUNTING 777 SAC TOTAL BUNTING 777 CIRL BUNTING 777 CIRL BUNTING 778 CIRL BUNTIN	756	CHATHAM ISLAND TUI	1	0	1
776 CIRL BUNTING 25 2 2 774 CHAFFINCH 2701 273 297 771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 813 HYBRID MAGPIE 25 0 2	775	YELLOWHAMMER	870	157	1027
774 CHAFFINCH 2701 273 297 771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 25 813 HYBRID MAGPIE 25 0 [4]	776	CIRL BUNTING	25	2	27
771 GREENFINCH 7029 587 761 772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 25 813 HYBRID MAGPIE 25 0 [4]	774	CHAFFINCH	2701	273	2974
772 GOLDFINCH 2564 724 328 773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 25 813 HYBRID MAGPIE 25 0 [4]	771	GREENFINCH	7029	587	7616
773 REDPOLL 7821 247 806 781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 25	772	GOLDFINCH	2564	724	3288
781 HOUSE SPARROW 28954 2913 3186 791 STARLING 17832 208 1804 792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	773	REDPOLL	7821	247	8068
791 STARLING 792 INDIAN MYNA 821 NORTH ISLAND SADDLEBACK 822 SOUTH ISLAND SADDLEBACK 824 NORTH ISLAND KOKAKO 811 BLACK-BACKED MAGPIE 812 WHITE-BACKED MAGPIE 813 HYBRID MAGPIE 814 NAGPIE SPECIES 815 TARLING 17832 208 1804 1397 2 139 1679 280 195 280 28 28 0 28 28 0 28 29 0 28 20 0 25 20 0 25 21 0 0 25	781	HOUSE SPARROW	28954	2913	31867
792 INDIAN MYNA 1397 2 139 821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	791	STARLING	17832	208	18040
821 NORTH ISLAND SADDLEBACK 1679 280 195 822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	792	INDIAN MYNA	1397	2	1399
822 SOUTH ISLAND SADDLEBACK 289 0 28 824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0 [4]	821	NORTH ISLAND SADDLEBACK	1679	280	1959
824 NORTH ISLAND KOKAKO 61 10 7 811 BLACK-BACKED MAGPIE 41 0 4 812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	822	SOUTH ISLAND SADDLEBACK	289	0	289
### ### ### ### ### ### ### ### ### ##	824	NORTH ISLAND KOKAKO	61	10	71
812 WHITE-BACKED MAGPIE 259 0 25 813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	811	BLACK-BACKED MAGPIE	41	0	4.1
813 HYBRID MAGPIE 25 0 2 MAGPIE SPECIES [4] 0	812	WHITE-BACKED MAGPIE	259	0	259
MAGPIE SPECIES [4] 0	813	HYBRID MAGPIE	25	0	25
DATE HOOM		MAGPIE SPECIES	141	0	141
802 ROOK 1070 0 107	802	ROOK	1070	0	1070

*** Total ***

1083125 22869 1105994

Continue to next file: SR59a.pdf

^[] Numbers in square brackets indicate birds of an unknown species of a particular genus.

Numbers in open brackets are provisional totals. More birds of these species will have been banded but early records do not exist.