

Report on bird banding in New Zealand 1995/1996

SCIENCE FOR CONSERVATION: 93

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Published by
Department of Conservation
P.O. Box 10-420
Wellington, New Zealand

Science for Conservation presents the results of investigations by DoC staff, and by contracted science providers outside the Department of Conservation. Publications in this series are internally and externally peer reviewed

© September 1998, Department of Conservation

ISSN 1173-2946
ISBN 0-478-21749-8

This publication originated from work done under Department of Conservation Investigation nos. 2311/1236 carried out by Roderick O. Cossee, Science & Research Unit, Department of Conservation, P.O. Box 10-420, Wellington. It was approved for publication by the Director, Science & Research Unit, Department of Conservation, Wellington.

Cataloguing-in-Publication data

Cossee, R. O. (Roderick O.), 1946-
Report on bird banding in New Zealand / by Roderick O Cossee.
1988-1989- Wellington, N.Z. : Head Office, Dept. of Conservation, 1989-
v. ; 30 cm. (1989-1995: Science & research series, 0113-3713) (1996-: Science for conservation, 1173-2946)
Chiefly statistical tables.
On cover: Science and Research Directorate.
Continues: Cossee, R. O. (Roderick O), 1946- . Preliminary report on bird banding in New Zealand 0113-2970
ISSN 0114-7919
1. Bird banding--New Zealand--Periodicals. I. New Zealand. Dept. of Conservation. Science and Research Directorate. II. Title. III. Series: Science & research series ; IV. Series: Science for conservation (Wellington, N.Z.) ;
598.072320993 20
zbn90-010929

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Research (and management) supported by bird banding during 1995/96	

Abstract

During the 1995/96 banding year 28 918 birds of 116 species were banded and 88 previously banded birds were re-banded, bringing the grand total of individual birds banded in New Zealand since the start of the scheme to 1 195 620. Four previously not banded species were added to the list of species banded. The total number of species now stands at 241.

Bird banding supported a large variety of research/management projects and was regulated by 22 personal permits and 43 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. From 1947 the Wildlife Branch of the Department of Internal Affairs ran its own scheme, specifically 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 Unit (Cossee 1990).

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 1995/96 banding season and gives details of some interesting recoveries. Appendix 1 lists known research projects which were serviced by the Banding Scheme during this year.

2. Methods

The totals given are for the period between 1 April 1995 and 31 March 1996. They may include some records for birds banded in previous years, however, as schedules not received in time for inclusion in the 1994/95 report have been

included here. 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 Table 2.

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 it was decided to adhere to the previous edition.

The recent changes in the taxonomy of the Albatrosses and Mollismawks will progressively be integrated in the annual Banding Reports, when birds identified as belonging to a certain subspecies are banded. Birds previously banded without the present distinction will be listed as 'sp.'.

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 1995/96 banding year 28 918 birds of 116 species were banded and 88 previously banded birds were re-banded. Non-game species contributed 27 797 (just over 96.1%) and game species 1 121 (about 3.9%) to the new birds banded. The number of birds banded during the year increased markedly compared with the previous year, in which 18 490 birds were banded.

The total number of birds banded in New Zealand increased from 1 166 702 to 1 195 620.

Four species not banded previously were banded during this report year: Great Spotted Kiwi (*Apteryx haastii*), Sooty Albatross (*Phoebastria fusca*), Nankeen Night Heron (*Nycticorax caledonicus*) and Antipodes Island Pipit (*Anthus novaeseelandiae steindachneri*).

The total number of species banded under the New Zealand National Banding Scheme increased to 241.

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 birds banded during the 1995/96 season by their ages and sexes. Also included in this table are the 88 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.

Species and numbers of individual birds banded under each permit are given in Table 3.

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 individual permit numbers.

TABLE ONE. GENERAL BANDING TOTALS (REBANDS EXCLUDED).

SPECIES NUMBER AND NAME		TOTAL PRE 1995	TOTAL 95/96	TOTAL FOR ALL YEARS
001	NORTH ISLAND BROWN KIWI	357	167	524
002	SOUTH ISLAND BROWN KIWI	4	3	7
003	STEWART ISLAND BROWN KIWI	21	0	21
004	LITTLE SPOTTED KIWI	259	95	354
005	GREAT SPOTTED KIWI	0	5	5
012	YELLOW-EYED PENGUIN	6332	451	6783
023	ADELIE PENGUIN	1083	82	1165
026	NORTHERN BLUE PENGUIN	732	0	732
014	COOK STRAIT BLUE PENGUIN	2329	307	2636
016	WHITE-FLIPPED BLUE PENGUIN	13894	636	14530
015	SOUTHERN BLUE PENGUIN	2560	1419	3979
027	CHATHAM ISLAND BLUE PENGUIN	35	0	35
017	ROCKHOPPER PENGUIN	2573	287	2860
019	FIORDLAND CRESTED PENGUIN	1005	1	1006
020	SNARES CRESTED PENGUIN	2179	0	2179
021	ERECT-CRESTED PENGUIN	43	250	293
041	WANDERING ALBATROSS SP.	3984	2881	6865
044	NORTHERN ROYAL ALBATROSS	3415	10	3425
043	SOUTHERN ROYAL ALBATROSS	33855	665	34520
045	BLACK-BROWED MOLLYMAWK	21	7	28
046	NEW ZEALAND BLACK-BROWED MOLLYMAWK	23924	787	24711
904	BLACK-BROWED MOLLYMAWK X-BRED	1	6	7
047	GREY-HEADED MOLLYMAWK	6842	248	7090
049	BULLER'S MOLLYMAWK SP.	2945	0	2945
907	NORTHERN BULLER'S MOLLYMAWK	89	0	89
908	SOUTHERN BULLER'S MOLLYMAWK	0	234	234
050	WHITE-CAPPED (SHY) MOLLYMAWK SP.	593	0	593
052	SALVIN'S MOLLYMAWK	1296	0	1296
051	CHATHAM ISLAND MOLLYMAWK	2120	0	2120
054	LIGHT-MANTLED SOOTY ALBATROSS	437	28	465
912	SOOTY ALBATROSS	0	1	1
109	NORTHERN GIANT PETREL	1239	4	1243
061	SOUTHERN GIANT PETREL	7	0	7
064	ANTARCTIC FULMAR	2	0	2
063	SNARES CAPE PIGEON	884	0	884
062	CAPE PIGEON	6800	0	6800
093	GREY-FACED PETREL	23831	2044	25875
094	WHITE-HEADED PETREL	31	58	89
095	WHITE-NAPED PETREL	516	0	516
098	MOTTLED PETREL	449	0	449
110	SOFT-PLUMAGED PETREL	20	61	81
100	KERMADEC PETREL	1056	0	1056
111	CHATHAM ISLAND TAIKO	51	13	64
101	PYCROFT'S PETREL	1081	100	1181
102	GOULD'S PETREL	1	0	1
104	COOK'S PETREL	336	0	336
106	BLACK-WINGED PETREL	2860	0	2860
105	CHATHAM ISLAND PETREL	145	15	160

[] 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 have been banded, but early records are not available.

SPECIES NUMBER AND NAME		TOTAL PRE 1995	TOTAL 95/96	TOTAL FOR ALL YEARS
065	BLUE PETREL	1	0	1
066	BROAD-BILLED PRION	1633	82	1715
069	ANTARCTIC PRION	20	0	20
071	AUCKLAND ISLAND PRION	24	0	24
072	NARROW-BILLED PRION	1	0	1
073	FAIRY PRION	43666	27	43693
075	FULMAR PRION	61	0	61
074	CHATHAM FULMAR PRION	2	0	2
089	GREY PETREL	8	8	16
090	BLACK PETREL	1013	68	1081
091	WESTLAND BLACK PETREL	4147	102	4249
092	WHITE-CHINNED PETREL	31	17	48
077	FLESH-FOOTED SHEARWATER	1808	17	1825
078	WEDGE-TAILED SHEARWATER	514	0	514
079	BULLER'S SHEARWATER	1049	0	1049
080	SOOTY SHEARWATER	7663	4714	12377
115	CHRISTMAS ISLAND SHEARWATER	1	0	1
082	FLUTTERING SHEARWATER	1942	0	1942
083	HUTTON'S SHEARWATER	1248	178	1426
084	NORFOLK ISLAND LITTLE SHEARWATER	1	0	1
085	KERMADEC LITTLE SHEARWATER	354	0	354
086	NORTH ISLAND LITTLE (ALLIED) SHEARWATER	917	88	1005
087	SUBANTARCTIC LITTLE SHEARWATER	5	9	14
-----	PRION SP.	[4]	0	[4]
121	LEACH'S FORK-TAILED PETREL	1	0	1
123	GREY-BACKED STORM PETREL	788	40	828
124	WHITE-FACED STORM PETREL	6654	0	6654
125	KERMADEC STORM PETREL	1	0	1
126	BLACK-BELLIED STORM PETREL	6	111	117
127	WHITE-BELLIED STORM PETREL	25	0	25
131	NORTHERN DIVING PETREL	7317	56	7373
133	SUBANTARCTIC DIVING PETREL	19	108	127
132	SOUTHERN DIVING PETREL	113	0	113
134	SOUTH GEORGIAN DIVING PETREL	4	0	4
135	DIVING PETREL SP.	1	0	1
-----	PETREL SP.	[1]	0	[1]
141	RED-TAILED TROPIC BIRD	119	0	119
142	WHITE-TAILED TROPIC BIRD	13	0	13
161	AUSTRALASIAN GANNET	22081	1067	23148
162	BROWN BOOBY	32	0	32
163	MASKED (BLUE-FACED) BOOBY	446	0	446
171	BLACK SHAG	596	37	633
172	PIED SHAG	168	0	168
173	LITTLE BLACK SHAG	955	0	955
174	LITTLE (WHITE-THROATED) SHAG	116	0	116
176	STEWART ISLAND SHAG	2	0	2
179	AUCKLAND ISLAND SHAG	154	0	154
180	CAMPBELL ISLAND SHAG	66	0	66
182	SPOTTED SHAG	545	0	545
216	WHITE-FACED HERON	14	1	15

[] 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 have been banded, but early records are not available.

SPECIES NUMBER AND NAME		TOTAL PRE 1995	TOTAL 95/96	TOTAL FOR ALL YEARS
213	WHITE HERON	2	0	2
215	REEF HERON	87	9	96
220	CATTLE EGRET	1	0	1
217	NANKEEN NIGHT HERON	0	1	1
218	BITTERN	7	0	7
233	ROYAL SPOONBILL	83	13	96
242	MUTE SWAN	4	0	4
243	BLACK SWAN	(59980)	0	(59980)
241	CANADA GOOSE	(54473)	500	(54973)
245	PARADISE SHELDUCK	(69125)	730	(69855)
252	MALLARD	(90234)	0	(90234)
259	HYBRID MALLARD (CROSS)	(1762)	0	(1762)
251	GREY DUCK	(34229)	0	(34229)
247	GREY TEAL	(1490)	0	(1490)
248	BROWN TEAL	(1965)	278	(2243)
249	AUCKLAND ISLAND TEAL	45	0	45
250	CAMPBELL ISLAND TEAL	3	0	3
253	NEW ZEALAND SHOVELER	(4494)	0	(4494)
254	BLUE DUCK	(437)	10	(447)
256	NEW ZEALAND SCAUP	(113)	0	(113)
-----	DUCK (GREY OR MALLARD)	[(13)]	0	[(13)]
272	AUSTRALASIAN HARRIER	5477	235	5712
281	NEW ZEALAND FALCON	62	2	64
296	CHUKOR	2217	0	2217
299	RED-LEGGED PARTRIDGE	23038	588	23626
300	RED-LEGGED PARTRIDGE (HYBRID)	42	0	42
298	GREY PARTRIDGE	(14215)	0	(14215)
292	BROWN QUAIL	20	0	20
295	CALIFORNIA QUAIL	(12205)	0	(12205)
293	PHEASANT	(58793)	0	(58793)
331	BANDED RAIL	32	0	32
335	NORTH ISLAND WEKA	3735	93	3828
336	WESTERN WEKA	685	0	685
337	BUFF WEKA	31	0	31
338	STEWART ISLAND WEKA	826	0	826
340	MARSH CRAKE	5	0	5
341	SPOTLESS CRAKE	23	0	23
342	PUKEKO	2144	33	2177
343	NOTORNIS	373	31	404
-----	WEKA SP.	[1]	0	[1]
401	SOUTH ISLAND PIED OYSTERCATCHER	2709	117	2826
402	VARIABLE OYSTERCATCHER	410	64	474
404	CHATHAM ISLAND OYSTERCATCHER	115	0	115
403	(BLACK OYSTERCATCHER)	101	0	101
411	SPUR-WINGED PLOVER	638	1	639
413	LEAST GOLDEN PLOVER (PACIFIC GOLDEN PLOVER)	5	0	5
418	NEW ZEALAND DOTTEREL	739	82	821
415	BANDED DOTTEREL	4375	67	4442
422	BLACK-FRONTED DOTTEREL	128	0	128
419	NEW ZEALAND SHORE PLOVER	522	31	553

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

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SPECIES NUMBER AND NAME		TOTAL PRE 1995	TOTAL 95/96	TOTAL FOR ALL YEARS
420	WRYBILL	4544	13	4557
445	EASTERN BAR-TAILED GODWIT	1001	0	1001
449	WANDERING TATTLER	1	0	1
448	TEREK SANDPIPER	1	0	1
451	TURNSTONE	18	0	18
453	CHATHAM ISLAND SNIPE	150	0	150
454	SNARES ISLAND SNIPE	274	0	274
458	KNOT	4049	0	4049
461	CURLEW SANDPIPER	19	0	19
462	RED-NECKED STINT	3	0	3
481	PIED STILT	1173	11	1184
482	BLACK STILT	129	0	129
511	SOUTHERN GREAT SKUA	1749	217	1966
512	ANTARCTIC SKUA	2414	0	2414
514	ARCTIC SKUA	1	0	1
521	SOUTHERN BLACK-BACKED GULL	72579	234	72813
523	RED-BILLED GULL	91327	452	91779
524	BLACK-BILLED GULL	37849	662	38511
527	CASPIAN TERN	5664	130	5794
525	BLACK-FRONTED TERN	1462	27	1489
529	ANTARCTIC TERN	158	1	159
531	FAIRY TERN	24	5	29
532	WHITE-FRONTED TERN	23668	75	23743
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	195	1	196
552	CHATHAM ISLAND PIGEON	104	0	104
553	ROCK PIGEON	60	0	60
554	MALAY SPOTTED DOVE	10	0	10
555	BARBARY DOVE	1	0	1
561	KAKAPO	84	0	84
562	NORTH ISLAND KAKA	109	46	155
563	SOUTH ISLAND KAKA	93	2	95
564	KEA	1618	2	1620
566	EASTERN ROSELLA	2	0	2
572	ANTIPODES ISLAND PARAKEET	69	1	70
567	KERMADEC PARAKEET	7	0	7
568	RED-CROWNED PARAKEET	768	0	768
569	CHATHAM ISLAND RED-CROWNED PARAKEET	1	0	1
570	REISCHECK'S PARAKEET	56	0	56
573	YELLOW-CROWNED PARAKEET	142	19	161
574	CHATHAM ISLAND YELLOW- CROWNED PARAKEET	9	0	9
583	SHINING CUCKOO	75	2	77
584	LONG-TAILED CUCKOO	4	0	4
601	MOREPORK	51	21	72
604	LITTLE OWL	16	0	16

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

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SPECIES NUMBER AND NAME		TOTAL PRE 1995	TOTAL 95/96	TOTAL FOR ALL YEARS
621	NEW ZEALAND KINGFISHER	271	18	289
641	NORTH ISLAND RIFLEMAN	150	0	150
642	SOUTH ISLAND RIFLEMAN	1128	0	1128
646	ROCK WREN	9	0	9
651	SKYLARK	44	1	45
662	WELCOME SWALLOW	387	3	390
741	NEW ZEALAND PIPIT	50	0	50
743	ANTIPODES ISLAND PIPIT	0	4	4
731	HEDGESPARROW	2463	22	2485
701	NORTH ISLAND FERNBIRD	34	0	34
702	SOUTH ISLAND FERNBIRD	276	0	276
703	STEWART ISLAND FERNBIRD	27	0	27
706	SNARES FERNBIRD	152	0	152
711	BROWN CREEPER	297	0	297
712	WHITEHEAD	363	0	363
713	YELLOWHEAD	148	1	149
714	GREY WARBLER	1138	51	1189
715	CHATHAM ISLAND WARBLER	74	0	74
681	NORTH ISLAND FANTAIL	692	9	701
682	SOUTH ISLAND FANTAIL	901	7	908
684	PIED TIT	175	1	176
685	YELLOW-BREASTED TIT	427	2	429
686	CHATHAM ISLAND TIT	37	0	37
687	BLACK TIT	161	0	161
689	NORTH ISLAND ROBIN	236	182	418
690	SOUTH ISLAND ROBIN	2700	30	2730
691	STEWART ISLAND ROBIN	10	0	10
692	BLACK ROBIN	466	0	466
721	SONG THRUSH	3365	34	3399
722	BLACKBIRD	7667	88	7755
761	SILVEREYE	74151	4833	78984
751	STITCHBIRD	443	49	492
753	BELLBIRD	6110	65	6175
755	TUI	985	6	991
756	CHATHAM ISLAND TUI	1	50	51
775	YELLOWHAMMER	1128	60	1188
776	CIRL BUNTING	27	3	30
774	CHAFFINCH	3213	68	3281
771	GREENFINCH	8437	55	8492
772	GOLDFINCH	3522	33	3555
773	REDPOLL	8144	2	8146
781	HOUSE SPARROW	34965	704	35669
791	STARLING	18316	55	18371
792	INDIAN MYNA	1401	0	1401
821	NORTH ISLAND SADDLEBACK	2632	52	2684
822	SOUTH ISLAND SADDLEBACK	317	1	318
824	NORTH ISLAND KOKAKO	251	28	279
811	BLACK-BACKED MAGPIE	41	0	41
812	WHITE-BACKED MAGPIE	263	0	263
813	HYBRID MAGPIE	25	0	25
-----	MAGPIE SP.	[4]	0	[4]
802	ROOK	1070	0	1070
TOTAL		1166702	28918	1195620

[] 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 have been banded, but early records are not available.

TABLE 2. BANDING TOTALS BY AGE AND SEX.

SPECIES NUMBER AND NAME	PU	JM	JF	JU	AM	AF	AU	UM	UF	UU	RB	TOTAL
001 NORTH ISLAND BROWN KIWI	0	5	5	24	68	65	0	0	0	0	0	167
002 SOUTH ISLAND BROWN KIWI	0	0	0	0	1	2	0	0	0	0	0	3
004 LITTLE SPOTTED KIWI	0	6	16	10	33	30	0	0	0	0	1	96
005 GREAT SPOTTED KIWI	0	0	0	0	2	3	0	0	0	0	0	5
012 YELLOW-EYED PENGUIN	396	0	0	15	0	0	40	0	0	0	2	453
023 ADELIE PENGUIN	0	0	0	0	0	0	82	0	0	0	0	82
014 COOK STRAIT BLUE PENGUIN	33	3	4	3	95	73	96	0	0	0	2	309
016 WHITE-FLIPPERED BLUE PENGUIN	589	0	0	0	0	0	47	0	0	0	0	636
015 SOUTHERN BLUE PENGUIN	795	0	0	0	322	209	93	0	0	0	3	1422
017 ROCKHOPPER PENGUIN	60	0	0	6	13	22	186	0	0	0	0	287
019 FIORDLAND CRESTED PENGUIN	0	0	0	0	0	0	1	0	0	0	0	1
021 ERECT-CRESTED PENGUIN	0	0	0	0	0	0	250	0	0	0	0	250
041 WANDERING ALBATROSS	2447	0	0	0	0	0	434	0	0	0	1	2882
044 NORTHERN ROYAL ALBATROSS	10	0	0	0	0	0	0	0	0	0	0	10
043 SOUTHERN ROYAL ALBATROSS	314	0	0	0	0	0	351	0	0	0	12	677
045 BLACK-BROWED MOLLYMAWK	0	0	0	0	0	0	7	0	0	0	0	7
046 NEW ZEALAND BLACK-BROWED MOLLYMAWK	646	0	0	0	0	0	141	0	0	0	7	794
904 BLACK-BROWED MOLLYMAWK CROSS	6	0	0	0	0	0	0	0	0	0	0	6
047 GREY-HEADED MOLLYMAWK	211	0	0	0	0	0	37	0	0	0	22	270
908 SOUTHERN BULLER'S MOLLYMAWK	85	0	0	0	0	0	149	0	0	0	0	234
054 LIGHT-MANTLED SOOTY ALBATROSS	0	0	0	0	0	0	28	0	0	0	1	29
912 SOOTY ALBATROSS	0	0	0	0	0	0	1	0	0	0	0	1
109 NORTHERN GIANT PETREL	0	0	0	1	0	1	2	0	0	0	0	4
093 GREY-FACED PETREL	692	0	0	0	7	28	1317	0	0	0	3	2047
094 WHITE-HEADED PETREL	0	0	0	0	0	0	58	0	0	0	0	58
110 SOFT-PLUMAGED PETREL	0	0	0	0	0	0	61	0	0	0	0	61
111 CHATHAM ISLAND TAIKO	1	0	0	0	0	0	12	0	0	0	0	13
101 PYCROFT'S PETREL	41	0	0	0	0	0	59	0	0	0	0	100
105 CHATHAM ISLAND PETREL	0	0	0	11	0	0	4	0	0	0	0	15
066 BROAD-BILLED PRION	0	0	0	0	0	0	82	0	0	0	0	82
073 FAIRY PRION	0	0	0	0	2	0	25	0	0	0	0	27
089 GREY PETREL	4	0	0	0	0	0	4	0	0	0	0	8
090 BLACK PETREL	0	0	0	4	4	4	56	0	0	0	0	68
091 WESTLAND BLACK PETREL	6	0	0	84	6	5	1	0	0	0	0	102
092 WHITE-CHINNED PETREL	0	0	0	0	0	0	17	0	0	0	0	17
077 FLESH-FOOTED SHEARWATER	5	0	0	0	0	0	12	0	0	0	0	17
080 SOOTY SHEARWATER	2802	0	0	0	1	1	1899	0	0	11	2	4716
083 HUTTON'S SHEARWATER	70	0	0	0	0	0	108	0	0	0	1	179
086 NORTH ISLAND LITTLE (ALLIED) SHEARWATER	18	0	0	0	0	0	70	0	0	0	0	88
087 SUBANTARCTIC LITTLE SHEARWATER	0	0	0	0	0	0	9	0	0	0	0	9
123 GREY-BACKED STORM PETREL	0	0	0	0	12	10	18	0	0	0	0	40
126 BLACK-BELLIED STORM PETREL	0	0	0	0	18	20	73	0	0	0	0	111
131 NORTHERN DIVING PETREL	0	0	0	0	0	0	56	0	0	0	0	56
133 SUBANTARCTIC DIVING PETREL	0	0	0	0	0	0	108	0	0	0	0	108
161 AUSTRALASIAN GANNET	959	0	0	0	0	0	108	0	0	0	0	1067
171 BLACK SHAG	36	0	0	1	0	0	0	0	0	0	0	37
216 WHITE-FACED HERON	0	0	0	1	0	0	0	0	0	0	0	1
215 REEF HERON	9	0	0	0	0	0	0	0	0	0	0	9

Abbreviations used in the column headings:

PU = Pullus of unknown sex

AM = Adult male

UF = Female of unknown age

JM = Juvenile male

AF = Adult female

UU = Unknown age and sex

JF = Juvenile female

AU = Adult of unknown sex

RB = Birds re-banded

JU = Juvenile of unknown sex

UM = Male of unknown age

SPECIES NUMBER AND NAME	PU	JM	JF	JU	AM	AF	AU	UM	UF	UU	RB	TOTAL
217 NANKEEN NIGHT HERON	1	0	0	0	0	0	0	0	0	0	0	1
233 ROYAL SPOONBILL	13	0	0	0	0	0	0	0	0	0	0	13
241 CANADA GOOSE	0	0	0	0	0	0	0	0	0	500	0	500
245 PARADISE SHELDUCK	0	0	0	0	370	360	0	0	0	0	0	730
248 BROWN TEAL	0	0	0	0	115	163	0	0	0	0	0	278
254 BLUE DUCK	0	2	4	0	3	1	0	0	0	0	12	22
272 AUSTRALASIAN HARRIER	2	70	31	13	49	36	33	0	0	1	0	235
281 NEW ZEALAND FALCON	0	0	2	0	0	0	0	0	0	0	0	2
299 RED-LEGGED PARTRIDGE	0	278	308	2	0	0	0	0	0	0	0	588
335 NORTH ISLAND WEKA	0	28	22	4	14	23	1	0	0	1	0	93
342 PUKEKO	0	0	0	0	10	9	14	0	0	0	0	33
343 NOTORNIS	0	14	15	2	0	0	0	0	0	0	0	31
401 SOUTH ISLAND PIED OYSTERCATCHER	20	0	0	4	5	6	82	0	0	0	0	117
402 VARIABLE OYSTERCATCHER	14	1	1	20	6	8	14	0	0	0	5	69
411 SPUR-WINGED PLOVER	0	0	0	1	0	0	0	0	0	0	0	1
418 NEW ZEALAND DOTTEREL	55	0	0	11	5	4	7	0	0	0	2	84
415 BANDED DOTTEREL	32	0	0	0	16	19	0	0	0	0	0	67
419 NEW ZEALAND SHORE PLOVER	0	5	6	12	4	4	0	0	0	0	0	31
420 WRYBILL	0	0	0	5	0	0	8	0	0	0	2	15
481 PIED STILT	11	0	0	0	0	0	0	0	0	0	0	11
511 SOUTHERN GREAT SKUA	163	0	0	0	0	0	54	0	0	0	0	217
521 SOUTHERN BLACK-BACKED GULL	234	0	0	0	0	0	0	0	0	0	0	234
523 RED-BILLED GULL	352	0	0	0	30	52	18	0	0	0	2	454
524 BLACK-BILLED GULL	662	0	0	0	0	0	0	0	0	0	6	668
527 CASPIAN TERN	130	0	0	0	0	0	0	0	0	0	0	130
525 BLACK-FRONTED TERN	27	0	0	0	0	0	0	0	0	0	0	27
529 ANTARCTIC TERN	1	0	0	0	0	0	0	0	0	0	0	1
531 FAIRY TERN	5	0	0	0	0	0	0	0	0	0	0	5
532 WHITE-FRONTED TERN	75	0	0	0	0	0	0	0	0	0	0	75
551 NEW ZEALAND PIGEON	0	0	0	0	0	0	0	0	0	1	0	1
562 NORTH ISLAND KAKA	0	18	10	1	7	10	0	0	0	0	0	46
563 SOUTH ISLAND KAKA	0	0	0	0	0	2	0	0	0	0	0	2
564 KEA	0	0	0	2	0	0	0	0	0	0	0	2
572 ANTIPODES ISLAND PARAKEET	0	0	0	0	1	0	0	0	0	0	0	1
573 YELLOW-CROWNED PARAKEET	0	0	0	0	11	8	0	0	0	0	0	19
583 SHINING CUCKOO	0	0	0	0	0	0	2	0	0	0	0	2
601 MOREPORK	0	3	3	0	7	8	0	0	0	0	1	22
621 NEW ZEALAND KINGFISHER	0	0	0	5	0	0	11	0	0	2	0	18
651 SKYLARK	0	0	0	0	0	0	1	0	0	0	0	1
662 WELCOME SWALLOW	0	0	0	0	0	0	3	0	0	0	0	3
743 ANTIPODES ISLAND PIPIT	2	0	0	0	0	0	2	0	0	0	0	4
731 HEDGESPARROW	0	0	0	2	0	0	17	0	0	3	0	22
713 YELLOWHEAD	0	0	0	1	0	0	0	0	0	0	0	1
714 GREY WARBLER	0	0	0	15	0	0	12	0	0	24	0	51
681 NORTH ISLAND FANTAIL	0	0	0	2	0	0	4	0	0	3	0	9
682 SOUTH ISLAND FANTAIL	0	0	0	0	0	0	5	0	0	2	0	7
684 PIED TIT	0	0	0	0	0	0	0	0	1	0	0	1
685 YELLOW-BREASTED TIT	0	0	0	0	2	0	0	0	0	0	0	2
689 NORTH ISLAND ROBIN	45	0	0	22	33	22	60	0	0	0	0	182
690 SOUTH ISLAND ROBIN	0	1	0	0	11	11	7	0	0	0	0	30
721 SONG THRUSH	0	0	0	16	0	0	18	0	0	0	0	34
722 BLACKBIRD	0	4	0	31	30	16	1	1	5	0	0	88

Abbreviations used in the column headings:

PU = Pullus of unknown sex AM = Adult male UF = Female of unknown age JM = Juvenile male
AF = Adult female UU = Unkown age and sex JF = Juvenile female AU = Adult of unknown sex
RB = Birds re-banded JU = Juvenile of unknown sex UM = Male of unknown age

SPECIES NUMBER AND NAME	PU	JM	JF	JU	AM	AF	AU	UM	UF	UU	RB	TOTAL
761 SILVEREYE	0	0	0	74	0	0	4759	0	0	0	0	4833
751 STITCHBIRD	32	0	0	13	2	2	0	0	0	0	0	49
753 BELLBIRD	0	0	0	0	33	21	11	0	0	0	0	65
755 TUI	0	0	0	1	0	0	3	1	0	1	0	6
756 CHATHAM ISLAND TUI	0	12	7	0	14	17	0	0	0	0	0	50
775 YELLOWHAMMER	0	0	0	1	24	17	13	1	1	3	0	60
776 CIRC BUNTING	3	0	0	0	0	0	0	0	0	0	0	3
774 CHAFFINCH	0	0	0	3	7	10	36	5	5	2	0	68
771 GREENFINCH	0	0	0	0	30	24	0	0	0	1	0	55
772 GOLDFINCH	0	0	0	4	2	2	25	0	0	0	0	33
773 REDPOLL	0	0	0	0	1	1	0	0	0	0	0	2
781 HOUSE SPARROW	0	36	28	60	313	263	4	0	0	0	1	705
791 STARLING	0	0	0	7	2	1	42	0	0	3	0	55
821 NORTH ISLAND SADDLEBACK	51	0	0	1	0	0	0	0	0	0	0	52
822 SOUTH ISLAND SADDLEBACK	0	0	0	1	0	0	0	0	0	0	0	1
824 NORTH ISLAND KOKAKO	17	0	0	0	0	0	11	0	0	0	0	28
TOTAL	12182	486	462	496	1741	1593	11380	8	12	558	88	29006

Abbreviations used in the column headings:

PU = Pullus of unknown sex AM = Adult male UF = Female of unknown age JM = Juvenile male
 AF = Adult female UU = Unkown age and sex JF = Juvenile female AU = Adult of unknown sex
 RB = Birds re-banded JU = Juvenile of unknown sex UM = Male of unknown age

TABLE THREE. SUMMARY PER PERMIT (REBANDS INCLUDED).

		BIRDS BANDED			BIRDS BANDED
PERMIT 0002	MILLS DR J A		PERMIT 0093	SAGAR P M	
	RED-BILLED GULL	450		SOUTH ISLAND PIED OYSTER- CATCHER	29
	Subtotal	450		ANTARCTIC TERN	1
PERMIT 0005	ROBERTSON C J R			Subtotal	30
	NORTHERN ROYAL ALBATROSS	10	PERMIT 0102	NORTH CANTERBURY FISH & GAME COUNCIL	
	AUSTRALASIAN GANNET	1		CANADA GOOSE	500
	Subtotal	11		Subtotal	500
PERMIT 0032	DAVIS V T		PERMIT 0104	LANDCARE RESEARCH	
	AUSTRALASIAN GANNET	667		ADELIE PENGUIN	82
	Subtotal	667		NORTH ISLAND KAKA	9
PERMIT 0042	CHALLIES C N			SOUTH ISLAND KAKA	2
	WHITE-FLIPPED BLUE PENGUIN	636		NEW ZEALAND KINGFISHER	1
	Subtotal	636		GREY WARBLER	12
PERMIT 0044	COWIE J A			SOUTH ISLAND FANTAIL	2
	BLACK-BILLED GULL	500		SONG THRUSH	2
	BLACK-FRONTED TERN	27		BLACKBIRD	7
	WHITE-FRONTED TERN	33		SILVEREYE	66
	Subtotal	560		BELLBIRD	10
PERMIT 0068	IMBER M J			TUI	1
	WANDERING ALBATROSS	2000		CHAFFINCH	36
	LIGHT-MANTLED SOOTY ALBATROSS	2		Subtotal	230
	SOOTY ALBATROSS	1	PERMIT 0108	CAMPBELL ISLAND PARTY	
	NORTHERN GIANT PETREL	2		BLACK-BROWED MOLLYMAWK	
	GREY-FACED PETREL	17		CROSS	3
	WHITE-HEADED PETREL	58		Subtotal	3
	SOFT-PLUMAGED PETREL	61	PERMIT 0179	SOUTH CANTERBURY FISH & GAME COUNCIL	
	CHATHAM ISLAND TAIKO	13		PARADISE SHELDUCK	730
	FAIRY PRION	27		RED-LEGGED PARTRIDGE	588
	GREY PETREL	8		Subtotal	1318
	BLACK PETREL	40	PERMIT 0243	SIM D M	
	WHITE-CHINNED PETREL	17		SPUR-WINGED PLOVER	1
	SUBANTARCTIC LITTLE SHEARWATER	9		SILVEREYE	122
	GREY-BACKED STORM PETREL	40		Subtotal	123
	BLACK-BELLIED STORM PETREL	111	PERMIT 0244	POWLESLAND DR R G	
	SUBANTARCTIC DIVING PETREL	108		BLACK SHAG	37
	ANTIPODES ISLAND PARAKEET	1		Subtotal	37
	ANTIPODES ISLAND PIPIT	4	PERMIT 0246	PIERCE R J	
	Subtotal	2519		FAIRY TERN	5
PERMIT 0076	BELL BRIAN D			Subtotal	5
	NORTH ISLAND FANTAIL	1			
	SILVEREYE	100			
	GREENFINCH	11			
	HOUSE SPARROW	211			
	Subtotal	323			

		BIRDS BANDED			BIRDS BANDED
PERMIT 0257	ONLEY D J		PERMIT 0291	NORTHLAND/FAR NORTH REGION	
	NEW ZEALAND KINGFISHER	1		OSNZ	
	HEDGESPARROW	4		SOUTHERN BLACK-BACKED GULL	69
	GREY WARBLER	8		Subtotal	69
	SOUTH ISLAND FANTAIL	4	PERMIT 0292	ROWE L K	
	YELLOW-BREASTED TIT	2		BLACKBIRD	1
	SOUTH ISLAND ROBIN	2		SILVEREYE	12
	SONG THRUSH	1		HOUSE SPARROW	39
	BLACKBIRD	2		STARLING	2
	SILVEREYE	3030		Subtotal	54
	BELLBIRD	35	PERMIT 0294	CANTERBURY PASSERINE GROUP	
	TUI	3		BLACKBIRD	2
	YELLOWHAMMER	1		SILVEREYE	399
	CHAFFINCH	2		BELLBIRD	13
	GREENFINCH	3		CHAFFINCH	2
	GOLDFINCH	3		GREENFINCH	7
	REDPOLL	2		GOLDFINCH	2
	HOUSE SPARROW	29		HOUSE SPARROW	22
	STARLING	3		STARLING	1
	Subtotal	3135		Subtotal	448
PERMIT 0259	MASSEY UNIVERSITY		PERMIT 0297	AUCKLAND UNIVERSITY	
	MOREPORK	22		SOUTHERN GREAT SKUA	217
	NORTH ISLAND ROBIN	41		NEW ZEALAND PIGEON	1
	STITCHBIRD	6		Subtotal	218
	NORTH ISLAND SADDLEBACK	52	PERMIT 0301	DARBY J T	
	Subtotal	121		YELLOW-EYED PENGUIN	453
PERMIT 0266	DANN P			Subtotal	453
	FIORDLAND CRESTED PENGUIN	1	PERMIT 0307	COSSEE R O	
	Subtotal	1		COOK STRAIT BLUE PENGUIN	217
PERMIT 0275	BEAUCHAMP A J			ROCKHOPPER PENGUIN	225
	NORTH ISLAND WEKA	19		ERECT-CRESTED PENGUIN	250
	Subtotal	19		NORTHERN GIANT PETREL	2
PERMIT 0278	NZ WADER STUDY GROUP			SOOTY SHEARWATER	84
	SOUTH ISLAND PIED OYSTER- CATCHER	86		WHITE-FACED HERON	1
	WRYBILL	15		REEF HERON	4
	Subtotal	101		NANKEEN NIGHT HERON	1
PERMIT 0282	DUCKS UNLIMITED (NZ)			BANDED DOTTEREL	3
	BROWN TEAL	278		PIED STILT	4
	Subtotal	278		SOUTHERN BLACK-BACKED GULL	165
PERMIT 0284	OTAGO UNIVERSITY			RED-BILLED GULL	3
	SOOTY SHEARWATER	4540		BLACK-BILLED GULL	3
	PUKEKO	22		WHITE-FRONTED TERN	1
	Subtotal	4562		KEA	2
PERMIT 0285	RAPTOR ASSOCIATION OF NZ			SONG THRUSH	1
	AUSTRALASIAN HARRIER	186		BLACKBIRD	13
	NEW ZEALAND FALCON	2		SILVEREYE	100
	Subtotal	188		SOUTH ISLAND SADDLEBACK	1
				Subtotal	1080

		BIRDS BANDED
PERMIT 0308	MISKELLY C M	
	NORTH ISLAND WEKA	28
	Subtotal	28
PERMIT 0323	DOWDING J (NZ DOTTEREL GRP)	
	NEW ZEALAND DOTTEREL	84
	Subtotal	84
PERMIT 0324	PASSERINE GROUP OSNZ CENTRAL	
	HEDGESPARROW	11
	GREY WARBLER	5
	SOUTH ISLAND FANTAIL	1
	SONG THRUSH	3
	BLACKBIRD	6
	SILVEREYE	281
	BELLBIRD	7
	YELLOWHAMMER	46
	CIRL BUNTING	3
	CHAFFINCH	7
	GREENFINCH	5
	GOLDFINCH	7
	HOUSE SPARROW	65
	Subtotal	447
PERMIT 0325	OSNZ AUCKLAND SEABIRD GROUP	
	GREY-FACED PETREL	1750
	PYCROFT'S PETREL	22
	BLACK PETREL	28
	FLESH-FOOTED SHEARWATER	17
	SOOTY SHEARWATER	67
	NORTH ISLAND LITTLE (ALLIED)	
	SHEARWATER	47
	NORTHERN DIVING PETREL	56
	Subtotal	1987
PERMIT 0332	STILT RESEARCH GROUP OSNZ	
	PIED STILT	7
	Subtotal	7
PERMIT 0337	ROYAL SPOONBILL PROJECT OSNZ	
	ROYAL SPOONBILL	13
	Subtotal	13
PERMIT 0338	WELLINGTON CONSERVANCY DOC	
	SOOTY SHEARWATER	23
	PUKEKO	11
	NORTH ISLAND ROBIN	92
	STITCHBIRD	17
	Subtotal	143
PERMIT 0339	TAYLOR T J	
	AUSTRALASIAN HARRIER	49
	Subtotal	49

		BIRDS BANDED
PERMIT 0340	NORTHLAND PASSERINE GROUP	
	NEW ZEALAND KINGFISHER	2
	HEDGESPARROW	6
	GREY WARBLER	21
	NORTH ISLAND FANTAILPIED TIT	3
	SONG THRUSH	1
	BLACKBIRD	2
	SILVEREYE	16
	TUI	589
	YELLOWHAMMER	2
	CHAFFINCH	4
	Subtotal	15
		661
	PASSERINE GROUP OSNZ	
PERMIT 0342	WANGANUI	
	SHINING CUCKOO	
	NEW ZEALAND KINGFISHER	2
	SKYLARK	13
	WELCOME SWALLOW	1
	HEDGESPARROW	3
	GREY WARBLER	1
	NORTH ISLAND FANTAIL	2
	SONG THRUSH	3
	BLACKBIRD	24
	SILVEREYE	33
	YELLOWHAMMER	20
	CHAFFINCH	9
	GREENFINCH	6
	GOLDFINCH	27
	HOUSE SPARROW	20
	STARLING	306
	Subtotal	45
		515
	NORTHLAND SEABIRD GROUP	
PERMIT 0349	PYCROFT'S PETREL	
	NORTH ISLAND LITTLE (ALLIED)	78
	SHEARWATER	
	Subtotal	41
		119
	OSNZ NELSON	
PERMIT 0352	AUSTRALASIAN GANNET	
	Subtotal	399
		399
	DOC MOLLYMAWK PROJECT	
PERMIT 0358	WANDERING	
	ALBATROSSSOUTHERN BULLER'S	874
	MOLLYMAWK	234
	Subtotal	1108
PERMIT 0362	DOC EAST COAST CONSERVANCY	
	NORTH ISLAND WEKA	11
	Subtotal	11

		BIRDS BANDED			BIRDS BANDED
PERMIT 0363	STAPLES G C		PERMIT 0381	AUSTRALIAN BANDING SCHEME	
	NORTH ISLAND WEKA	35		ROCKHOPPER PENGUIN	62
	Subtotal	35		Subtotal	62
PERMIT 0364	KOKAKO RECOVERY GROUP		PERMIT 0386	OSNZ AUCKLAND (HABRAKEN A)	
	NORTH ISLAND KOKAKO	25		RED-BILLED GULL	1
	Subtotal	25		BLACK-BILLED GULL	165
PERMIT 0366	OSNZ HAWKES BAY			WHITE-FRONTED TERN	41
	SOUTH ISLAND PIED OYSTER- CATCHER	2		Subtotal	207
	Subtotal	2	PERMIT 0387	LITTLE BLUE PENGUIN FOUNDATION	
PERMIT 0367	SCHWEIGMAN P			COOK STRAIT BLUE PENGUIN	12
	VARIABLE OYSTERCATCHER	18		Subtotal	12
	Subtotal	18	PERMIT 0390	OSNZ NELSON (GAZE P D)	
PERMIT 0368	DOWDING J E			COOK STRAIT BLUE PENGUIN	80
	VARIABLE OYSTERCATCHER	31		Subtotal	80
	Subtotal	31	PERMIT 1125	NORTHERN CONSERVANCIES DOC	
PERMIT 0369	COOK W A			REEF HERON	5
	CASPIAN TERN	57		Subtotal	5
	Subtotal	57	PERMIT 4125	WANGANUI CONSERVANCY DOC	
PERMIT 0370	FREEMAN AMANDA			BLUE DUCK	22
	WESTLAND BLACK PETREL	102		NEW ZEALAND SHORE PLOVER	31
	Subtotal	102		Subtotal	53
PERMIT 0372	WAIKATO BRANCH OSNZ		PERMIT 5125	NELSON/MARLBOROUGH REGION DOC	
	NEW ZEALAND KINGFISHER	1		SOOTY SHEARWATER	2
	GREY WARBLER	3		HUTTON'S SHEARWATER	179
	NORTH ISLAND FANTAIL	2		Subtotal	181
	SONG THRUSH	1	PERMIT 6125	WEST COAST CONSERVANCY DOC	
	BLACKBIRD	8		SOUTH ISLAND ROBIN	28
	SILVEREYE	114		Subtotal	28
	GREENFINCH	2	PERMIT 7125	CANTERBURY CONSERVANCY DOC	
	GOLDFINCH	1		CHATHAM ISLAND PETREL	15
	HOUSE SPARROW	33		BROAD-BILLED PRION	82
	STARLING	4		BANDED DOTTEREL	64
	Subtotal	169		CHATHAM ISLAND TUI	50
PERMIT 0373	BOP CONSERVANCY DOC			Subtotal	211
	VARIABLE OYSTERCATCHER	20	PERMIT 8125	SOUTHERN CONSERVANCIES DOC	
	CASPIAN TERN	56		SOUTHERN BLUE PENGUIN	1422
	STITCHBIRD	26		Subtotal	1422
	Subtotal	102			
PERMIT 0374	MORGAN G W				
	CASPIAN TERN	17			
	Subtotal	17			
PERMIT 0376	TAKAHE RECOVERY GROUP DOC				
	NOTORNIS	31			
	SUBTOTAL	31			

		BIRDS BANDED
PERMIT 9125	SCIENCE & RESEARCH DOC	
	NORTH ISLAND BROWN KIWI	167
	SOUTH ISLAND BROWN KIWI	3
	LITTLE SPOTTED KIWI	96
	GREAT SPOTTED KIWI	5
	WANDERING ALBATROSS	8
	SOUTHERN ROYAL ALBATROSS	677
	BLACK-BROWED MOLLYMAWK	7
	NEW ZEALAND BLACK-BROWED MOLLYMAWK	794
	BLACK-BROWED MOLLYMAWK CROSS	3
	GREY-HEADED MOLLYMAWK	270
	LIGHT-MANTLED SOOTY ALBATROSS	27
	GREY-FACED PETREL	280
	NORTH ISLAND KAKA	37
	YELLOW-CROWNED PARAKEET	19
	YELLOWHEAD	1
	NORTH ISLAND ROBIN	49
	NORTH ISLAND KOKAKO	3
	Subtotal	2446
TOTAL		18577

4. Recoveries

A large number of recoveries was reported by the general public. The growing awareness of the importance to report sightings of individually colour banded birds has meant a steady increase in the number of these reports. Nearly half of the recoveries related to colour banded birds.

The handling of 'public' recoveries has precedence over those reported by the banders. 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 usually staff managed to process recoveries within a week of receipt.

The Banding Scheme plays a major role as an interface between the Department of Conservation, the public and many national and international organisations and institutions. A quick and efficient response enhances the chance of members of the public sending in bands. As mentioned in previous reports, the New Zealand National Banding Scheme continues to have one of the fastest response times for public recoveries in the world, as well as one of the highest recovery rates!

Some notable recoveries:

Two **Southern Royal Albatrosses** (*Diomedea e. epomophora*) were recovered in Argentina.

R-21483 was banded as a breeding adult with a chick on Campbell Island on 2/3/71. It was recovered and released alive off the Argentinian coast (43° 35' S, 63° 20' W) by a fishing vessel on 23/10/95.

R-16735, banded on Campbell Island as a chick on 28/6/68, was found dead on the beach at Punta Province, San Antonio Oeste (40° 44' S, 64° 56' W) in November 1995.

O-25254, a **Chatham Island Mollymawk** (*Diomedea cauta eremita*), banded as a chick on Pyramid, Chatham Islands, on 14/2/95, was caught by a fishing boat longlining for swordfish at approximately 38° S, 78° W on 12/5/95. The bird died in the process.

E-9189, a **Grey-faced Petrel** (*Pterodroma macroptera gouldi*) banded as a chick on 20/12/61 on Motuora Island, Hauraki Gulf was recaptured on 31/3/96 at Hobb's Beach, Tiritiri Matangi Island. The bird was healthy and was released still wearing its band. At about 34 years of age this is the oldest Grey-faced Petrel recovered with its band under the N.Z. Scheme.

M-9920, an **Australasian Gannet** (*Morus serrator*) banded as a chick on 18/12/64 at Cape Kidnappers had its band changed there to **M-15930** on 18/12/73. It was found dead on the beach, just south of the Waimakariri River mouth on 14/2/96. The bird was then over thirty one years old.

P-12334, a **Blue Penguin** (*Eudyptula minor*) banded on Somes Island as an adult bird on 7/1/85, was found dead on Kaikoura Peninsula on 29/2/96.

5. 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.

6. References

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Appendix 1

RESEARCH (AND MANAGEMENT) SUPPORTED BY BIRD BANDING DURING 1995/96

(Numbers in brackets indicate permit numbers)

Lifetime reproduction and the role of inheritance in the breeding of Red-billed Gulls at Kaikoura. (0002)

General ecological study of Royal Albatross, population dynamics, life span and dispersal patterns. (0005)

Life expectancy, breeding success, dispersal and census of the Australasian Gannet on White Island. (0032)

Breeding biology and movements of Westland Black Petrel. (0036, 0370)

Distribution, life expectancy and migration of native and introduced Passerines. (0076, 0104, 0243, 0257, 0259, 0292, 0294, 0307, 0324, 0338, 0340, 0342, 0372, 6125, 7125, 9125)

A longterm study of population dynamics, behaviour and dispersal of White-flipped Penguins. (0042)

Ecology of Adelie Penguins (0104)

Ecology, dispersal and habitat requirements of White-fronted Terns and Black-billed Gulls. (0044, 0386)

Distribution, movements and longevity of Caspian Terns. (0369, 0373, 0374)

Distribution and mortality of Mallard, Canada Geese and Paradise Shelduck. (0102, 0173, 0179)

Population dynamics, longevity, age of first breeding, migration dispersal and movements of Procelariiformes. (0068, 0284, 0325, 0338, 0346, 0349, 0358, 0382, 5125, 7125, 9125)

Mate & nest site retention, annual mortality and breeding success of the South Island Pied Oystercatcher. (0093)

Ecology and movements of South Island Kaka. (0104)

Southern Black-backed Gull dispersal and population dynamics. (0291, 0307)

Population dynamics of the seabirds of Campbell Island. (0108)

Establishment of populations of game farm bred Red-legged Partridge, Chukor and Pheasants in the wild. (0174, 0179)

Population dynamics and dispersal of Black Shag in the lower North Island. (0244)

Breeding biology and reproduction of Southern Great Skua in the Chatham Islands. (0297)

Breeding biology of Brown Teal, and establishment of new populations in the wild. (0282, 9125)

Population dynamics and distribution of Fairy Terns in Northland. (0246)

Population dynamics of North Island Weka in the wild and those of aviary bred stock released into the wild. (0275, 0362, 0363)

Population dynamics of Little Blue Penguins. (0307, 0390, 8125)

Migration patterns in waders. (0278)

Productivity of Sooty Shearwaters. (0284)

Biology and distribution of New Zealand Raptors. (0285, 0339)

Movements & dispersal of Pied Stilt. (0332)

Population dynamics and ecology of the Yellow-eyed Penguin. (0301)

Productivity of seabirds in and around Wellington Harbour. (0307)

Breeding biology, predation, habitat requirements and movements of New Zealand Dotterel. (0323)

Population dynamics of Grey-faced Petrel (0325, 9125)

Dispersal of Royal Spoonbills. (0337, 0367)

Population structure and dynamics of the Wandering Albatross on the Auckland Islands. (0346)

Population dynamics and dispersal of Variable Oystercatcher. (0367, 0368, 0373)

Population dynamics of Rockhopper penguins. (0381)

Population dynamics of the Australasian Gannet at Farewell Spit. (0352)

Breeding biology, productivity and predation of Kokako. (0364, 9125)

Long term monitoring of New Zealand Shore Plover and Chatham Island Oystercatcher in the Chatham Islands. (7125)

Dispersal of Blue Duck. (0383, 4125, 9125)

Chick production estimates of Grey-faced Petrel on Whale Island. (9125)

Ecology, productivity and distribution of Kiwis. (9125)

Distribution and ecology of the North Island Kaka. (9125)

Release of captive reared Takahe into the wild. (0376)

Ecology of South Island braided river birds. (7125)

NOTE: *Although some permit numbers in the above list do not appear in Table 3, these permits were active, but banding data arrived too late to be included in this report.*