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**REPORT ON BIRD BANDING IN NEW ZEALAND
1988-1989**

by

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SUMMARY

During the 1988/89 banding year 26,920 birds of 117 species were banded and 1,117 previously banded birds were re-banded, bringing the grand total of individual birds banded in New Zealand over all years to 1,040,018. One species previously not banded, Kermadec Storm Petrel, was added during the year. Banding was regulated by 52 permits.

INTRODUCTION

Bird banding is an important research tool for both amateur and professional ornithologists and has been recognised as such in an official way since 1950, when the first organised New Zealand scheme was started. The New Zealand National Banding Scheme as it exists today came into being in 1967, when the two then existing schemes (run by the Dominion Museum and the New Zealand Wildlife Service respectively) were merged. Since 1987 the National Banding has been one of the activities of the Science & Research Division of the newly created Department of Conservation.

The aim of the Scheme is to record accurate information about movements and habits of birds. Apart its value in understanding bird biology, such knowledge is essential for the effective conservation of native species, for management of game birds, and for the control of those species that are considered pests.

This report summarises the bird banding activity in New during the 1988/89 season and gives details of some interesting recoveries.

METHODS

The totals of birds banded are for the period 1 April 1988 to 31 March 1989, except where schedules relating to previous years were received after the cut-off date for the report. Previously banded birds which were re-banded during the year are not included in the totals, nor in Table One. The naming and order of species is based on the 'Annotated Checklist of the Birds of New Zealand (1970 and subsequent amendments and additions); the species code numbers are those used by the Banding Scheme. The numbers in open brackets denote provisional totals and figures in square brackets indicate birds banded as unknown species of a particular genus. These latter are included in the table because they contribute to the total number of birds banded. They are not included in the total number of species banded.

Some figures for the total number of birds banded before 1988 differ from those in the previous report. During a recent search through banding reports relating to the early sixties, it was found that 963 Grey-headed Mollymawks were omitted from the 1963/64 report. As subsequent reports were based on the previous ones this means that over the years since 1963/64, the total for this species was understated by 963. In this report these totals have been taken into account. Also, several years ago 4 Black-browed Mollymawks were banded in The Snares. As the validity of the occurrence of this species in The Snares was then uncertain, the birds were treated as New Zealand Black-browed Mollymawks. Subsequently the identity of the birds has been confirmed and the figures have hence been adjusted for both species.

RESULTS

During the 1988/89 season 26,920 birds of 117 species were banded, and 1,117 previously banded birds were re-banded. Game species contributed 9,274 (34.5%) and non-game species 17,646 (65.5%) to the new birds banded.

The total number of birds banded in New Zealand up to the end of this report year is 1,040,018 (previously 1,013,098). Around 150,000 of these have been recovered at least once.

The total number of species banded increased to 225 with the addition of the Kermadec Storm Petrel. Table One gives a breakdown of numbers banded for each species.

As in previous reports totals are given for each sub-species of Blue Penguin. The taxonomic status of these birds is still uncertain and the division into sub-species is based solely on the distribution boundaries as given in the Annotated Checklist. Hence these figures should be used with this factor in mind.

Table Two summarises the birds banded during 1988/89 by age and sex. This table also incorporates the data on 1,117 birds that were re-banded to illustrate the overall banding effort during the year. These latter birds are listed under the heading 'RB'.

A total of 9,960 recoveries were coded during the year. It should be noted that these recoveries were processed during the year. They do not reflect the number of recoveries that were reported to the Banding Office. Details are given in Table Three.

These recoveries were not added to the computer files, however, as we are in the process of changing from a main-frame computer system to a micro computer system. The new system will be limited in its capacity, allowing only selected sections of the recovery records to be handled at any one time. Its main advantages will be that the Banding Office will have full control of the system, it will be cheaper to run, and can be fully maintained by the Information Services Unit of the Science & Research Division.

Programming and testing for this change is, at the time of writing, at an advanced stage, although it will be several months before the new system is fully operative.

If the recoveries processed, 2,992 records (30%) were for birds recovered dead and 6,968 (70%) for birds recovered alive, while 4,329 (43.5%) had been recovered at least once before. Of the birds recovered dead, 2,700 (90.2%) were game birds and 292 (9.8%) non-

game species. The live recoveries consisted of 1,022 (14.7%) game birds and 5,946 (85.3%) non-game birds. Of the repeat recoveries, 587 (13.5%) were game and 3,742 (86.5%) non-game species. Dead and live recoveries combined for each species group are 3,722 (37.4%) and 6,238 (62.6%) respectively.

Some interesting recoveries reported during the year are listed below.

C-3 1141, a **Knot** banded as an adult of unknown sex at Kaipara Harbour on 28/2/87 was captured in China in May 1987. The bird was caught on Chongming Island near Shanghai and was accompanied by a Knot banded in Australia.

Z-6329, a **Sooty Shearwater** banded as a pullus at Taiaroa Head, Dunedin, on 24/4/78 also found its way to the Northern hemisphere. It was recovered as a beach wreck on 3/9/88 at Fort Stevens, Oregon, USA. A video tape showing the surroundings, other wrecked birds (which we could not identify) as well as the finder was received with the report.

B-54759, a **Banded Dotterel** banded as an adult female at Lake Wainono on 29/9/85, was caught at Inverloch, Victoria, Australia on 14/5/88. The Australian Wader Study Group members who caught the bird added an Australian band.

27-35149, a **Mallard** died on 21/5/89, shortly after it was rescued from the attacks of a Wedge-tailed Eagle near Bendameer, New South Wales. The bird was banded as a juvenile on 21/2/89 at Karere Lagoon near Palmerston North.

270-02408, a **Mallard** banded under the Australian Scheme as a juvenile of unknown sex on 28/8/82 on Norfolk Island, was shot on the Northern Wairoa River on 8/5/88.

JO-4327, a **Wandering Albatross** banded as a chick of unknown sex by South African researchers on Marion Island, Southern Ocean on 31/8/86, washed up on Porari Beach, Punakaiki, West Coast in October 1988.

Finally, we received the banding information for two **Southern Giant Petrels** recovered in 1985. Both birds were banded as chicks of unknown sex at the South Shetland Islands in February 1985. One washed up onto the beach near Oakura, Taranaki on 15/9/85; the other was found freshly dead on the Foveaux Track near Bluff on 21/8/85.

Bird banding in New Zealand during 1988/89 was regulated by 26 active individual and 26 institutional/group permits. The number of birds banded per species, plus the grand total for each permit, can be found in Table Four.

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TABLE ONE
GENERAL BANDING TOTALS
(REBANDS EXCLUDED)

| SPECIES NUMBER AND NAME | TOTAL PRE 1988 | TOTAL 88/89 | TOTAL FOR ALL YEARS |
|-----------------------------------|-------------------|----------------|---------------------------|
| 001 NORTH ISLAND BROWN KIWI | 310 | 22 | 332 |
| 002 SOUTH ISLAND BROWN KIWI | 4 | 0 | 4 |
| 003 STEWART ISLAND BROWN KIWI | 5 | 16 | 21 |
| 004 LITTLE SPOTTED KIWI | 81 | 41 | 121 |
| 012 YELLOW-EYED PENGUIN | 2685 | 731 | 3416 |
| 026 NORTHERN BLUE PENGUIN | 615 | 0 | 615 |
| 014 COOK STRAIT BLUE PENGUIN | 1908 | 27 | 1935 |
| 016 WHITE-FLIPPED BLUE PENGUIN | 9558 | 820 | 10378 |
| 015 SOUTHERN BLUE PENGUIN | 726 | 0 | 726 |
| 017 ROCKHOPPER PENGUIN | 2063 | 341 | 2404 |
| 019 FIORDLAND CRESTED PENGUIN | 364 | 152 | 516 |
| 020 SNARES CRESTED PENGUIN | 2125 | 54 | 2179 |
| 021 ERECT-CRESTED PENGUIN | 41 | 2 | 43 |
| 041 WANDERING ALBATROSS | 3000 | 2 | 3002 |
| 044 NORTHERN ROYAL ALBATROSS | 2473 | 1 | 2474 |
| 043 SOUTHERN ROYAL ALBATROSS | 32268 | 403 | 32671 |
| 045 BLACK-BROWED MOLLYMAWK | 10 | 3 | 3 |
| 046 NEW BLACK-BROWED MOLLYMAWK | 21456 | 869 | 22325 |
| 047 GREY-HEADED MOLLYMAWK | 6253 | 87 | 6340 |
| 049 BULLER'S MOLLYMAWK | 2100 | 1 | 2101 |
| 050 WHITE-CAPPED MOLLYMAWK | 561 | 0 | 561 |
| 052 SALVIN'S MOLLYMAWK | 1296 | 0 | 1296 |
| 051 CHATHAM ISLAND MOLLYMAWK | 1 | 0 | 1 |
| 054 LIGHT-MANTLED SOOTY ALBATROSS | 437 | 0 | 437 |
| 109 NORTHERN GIANT PETREL | 1239 | 0 | 1239 |
| 061 SOUTHERN GIANT PETREL | 6 | 0 | 6 |
| 064 ANTARCTIC FULMAR | 2 | 0 | 2 |
| 063 SNARES CAPE PIGEON | 873 | 0 | 873 |
| 062 CAPE PIGEON | 6800 | 0 | 6800 |
| 093 GREY-FACED PETREL | 15961 | 461 | 16422 |
| 094 WHITE-HEADED PETREL | 31 | 0 | 31 |
| 095 WHITE-NAPED PETREL | 228 | 288 | 516 |
| 098 MOTTLED PETREL | 382 | 0 | 382 |
| 110 SOFT-PLUMAGED PETREL | 20 | 0 | 20 |
| 100 KERMADEC PETREL | 944 | 6 | 950 |
| 111 CHATHAM ISLAND TAIKO | 40 | 1 | 41 |
| 101 PYCROFT'S PETREL | 364 | 95 | 459 |
| 102 GOULD'S PETREL | 1 | 0 | 1 |
| 104 COOK'S PETREL | 292 | 0 | 292 |
| 106 BLACK-WINGED PETREL | 2224 | 236 | 2460 |
| 105 CHATHAM ISLAND PETREL | 28 | 14 | 42 |
| 065 BLUE PETREL | 1 | 0 | 1 |
| 066 BROAD-BILLED PRION | 1565 | 0 | 292 |
| 069 ANTARCTIC PRION | 20 | 236 | 2460 |
| 071 AUCKLAND ISLAND PRION | 24 | 14 | 42 |
| 072 NARROW-BILLED PRION | 1 | 0 | 1 |
| 073 FAIRY PRION | 40315 | 2 | 40317 |
| 075 FULMAR PRION | 61 | 0 | 61 |
| 074 CHATHAM FULMAR PRION | 2 | 0 | 2 |
| 089 GREY PETREL | 8 | 0 | 8 |

TABLE ONE
GENERAL BANDING TOTALS
(REBANDS EXCLUDED)

| SPECIES NUMBER AND NAME | TOTAL PRE 1988 | TOTAL 88/89 | TOTAL FOR ALL YEARS |
|--|-------------------|----------------|---------------------------|
| 090 BLACK PETREL | 367 | 250 | 607 |
| 091 WESTLAND BLACK PETREL | 3031 | 155 | 3186 |
| 092 WHITE-CHINNED PETREL | 31 | 0 | 31 |
| 077 FLESH-FOOTED SHEARWATER | 1677 | 0 | 1677 |
| 078 WEDGE-TAILED SHEARWATER | 311 | 0 | 311 |
| 079 BULLER'S SHEARWATER | 1049 | 0 | 1049 |
| 080 SOOTY SHEARWATER | 6645 | 3 | 6648 |
| 082 FLUTTERING SHEARWATER | 1381 | 248 | 1629 |
| 083 HUTTON'S SHEARWATER | 1134 | 0 | 1134 |
| 084 NORFOLK ISLAND LITTLE SHEARWATER | 1 | 0 | 1 |
| 085 KERMADEC LITTLE SHEARWATER | 4 | 6 | 10 |
| 086 NORTH ISLAND LITTLE (ALLIED) SHEARWATER | 388 | 21 | 409 |
| 087 SUBANTARCTIC LITTLE SHEARWATER | 5 | 0 | 5 |
| --- PRION SPECIES | [4] | 0 | [4] |
| 121 LEACH'S FORK-TAILED PETREL | 1 | 0 | 1 |
| 123 GREY-BACKED STORM PETREL | 687 | 88 | 775 |
| 124 WHITE-FACED STORM PETREL | 6370 | 7 | 6377 |
| 125 KERMADEC STORM PETREL | 0 | 1 | 1 |
| 126 BLACK-BELLIED STORM PETREL | 6 | 0 | 6 |
| 127 WHITE-BELLIED STORM PETREL | 1 | 1 | 2 |
| 131 NORTHERN DIVING PETREL | 6733 | 32 | 6765 |
| 133 SUBANTARCTIC DIVING PETREL | 19 | 0 | 19 |
| 132 SOUTHERN DIVING PETREL | 101 | 3 | 104 |
| 135 DIVING PETREL (SP.) | 1 | 0 | 1 |
| --- PETREL SPECIES | [1] | 0 | [1] |
| 141 RED-TAILED TROPIC BIRD | 117 | 2 | 119 |
| 142 WHITE-TAILED TROPIC BIRD | 13 | 0 | 13 |
| 161 AUSTRALASIAN GANNET | 14872 | 151 | 15023 |
| 162 BROWN BOOBY | 1 | 0 | 1 |
| 163 MASKED (BLUE-FACED) BOOBY | 148 | 99 | 247 |
| 171 BLACK SHAG | 450 | 37 | 487 |
| 172 PIED SHAG | 168 | 0 | 168 |
| 173 LITTLE BLACK SHAG | 954 | 0 | 954 |
| 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 | 417 | 11 | 428 |
| 216 WHITE-FACED HERON | 13 | 0 | 13 |
| 213 WHITE HERON | 2 | 0 | 2 |
| 215 REEF HERON | 47 | 0 | 47 |
| 220 CATTLE EGRET | 1 | 0 | 1 |
| 218 BITTERN | 7 | 0 | 7 |
| 242 MUTE SWAN | 4 | 0 | 4 |
| 243 BLACK SWAN | (59959) | 21 | (59980) |
| 241 CANADA GOOSE | (51394) | 1123 | (52517) |
| 245 PARADISE SHELDUCK | (62132) | 2962 | (65094) |

TABLE ONE
GENERAL BANDING TOTALS
(REBANDS EXCLUDED)

| SPECIES NUMBER AND NAME | TOTAL PRE 1988 | TOTAL 88/89 | TOTAL FOR ALL YEARS |
|--|-------------------|----------------|---------------------------|
| 252 MALLARD | (83783) | 2867 | (86650) |
| 259 HYBRID MALLARD (CROSS) | (1760) | 1 | (1761) |
| 251 GREY DUCK | (34178) | 14 | (34192) |
| 247 GREY TEAL | (1490) | 0 | (1490) |
| 248 BROWN TEAL | (1449) | 160 | (1609) |
| 249 AUCKLAND ISLAND TEAL | 12 | 0 | 12 |
| 250 CAMPBELL ISLAND TEAL | 3 | 0 | 3 |
| 253 NEW ZEALAND SHOVELER | (4494) | 0 | (4494) |
| 254 BLUE DUCK | (121) | 27 | (148) |
| 256 NEW ZEALAND SCAUP | (96) | 11 | (107) |
| --- DUCK (GREY OR MALLARD) | [(13)] | 0 | [(13)] |
| 272 AUSTRALASIAN HARRIER | 4342 | 146 | 4488 |
| 281 NEW ZEALAND FALCON | 38 | 0 | 38 |
| 296 CHUKOR | 2122 | 45 | 2167 |
| 299 RED-LEGGED PARTRIDGE | 13197 | 1936 | 15133 |
| 300 RED-LEGGED PARTRIDGE (HYBRID) | 42 | 0 | 42 |
| 298 GREY PARTRIDGE | (14215) | 0 | (14215) |
| 292 BROWN QUAIL | 18 | 0 | 18 |
| 295 CALIFORNIA QUAIL | (12204) | 0 | (12204) |
| 293 PHEASANT | (56373) | 305 | (56678) |
| 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 | 1833 | 0 | 1833 |
| 343 NOTORNIS | 198 | 0 | 198 |
| --- WEKA SPECIES | [1] | 0 | [1] |
| 401 SOUTH ISLAND PIED OYSTERCATCHER | 1250 | 84 | 1334 |
| 402 VARIABLE OYSTERCATCHER | 265 | 9 | 274 |
| 404 CHATHAM ISLAND OYSTERCATCHER | 80 | 9 | 89 |
| 403 (BLACK OYSTERCATCHER) | 101 | 0 | 101 |
| 411 SPUR-WINGED PLOVER | 629 | 0 | 629 |
| 413 LEAST GOLDEN PLOVER (PACIFIC GOLDEN PLOVER) | 1 | 0 | 1 |
| 418 NEW ZEALAND DOTTEREL | 231 | 43 | 274 |
| 415 BANDED DOTTEREL | 3643 | 254 | 3897 |
| 422 BLACK-FRONTED DOTTEREL | 42 | 30 | 72 |
| 419 NEW ZEALAND SHORE PLOVER | 365 | 50 | 415 |
| 420 WRYBILL | 2386 | 18 | 2404 |
| 445 EASTERN BAR-TAILED GODWIT | 59 | 176 | 235 |
| 451 TURNSTONE | 9 | 1 | 10 |
| 453 CHATHAM ISLAND SNIPE | 127 | 23 | 150 |
| 454 SNARES ISLAND SNIPE | 268 | 6 | 274 |
| 458 KNOT | 1568 | 767 | 2335 |

TABLE ONE
GENERAL BANDING TOTALS
(REBANDS EXCLUDED)

| SPECIES NUMBER AND NAME | TOTAL PRE 1988 | TOTAL 88/89 | TOTAL FOR ALL YEARS |
|---|-------------------|----------------|---------------------------|
| 461 CURLEW SANDPIPER | 4 | 0 | 4 |
| 462 RED-NECKED STINT | 1 | 0 | 1 |
| 481 PIED STILT | 434 | 0 | 434 |
| 482 BLACK STILT | 125 | 0 | 125 |
| 511 SOUTHERN GREAT SKUA | 1326 | 181 | 1507 |
| 512 ANTARCTIC SKUA | 2414 | 0 | 2414 |
| 514 ARCTIC SKUA | 1 | 0 | 1 |
| 521 SOUTHERN BLACK-BACKED GULL | 66629 | 872 | 67501 |
| 523 RED-BILLED GULL | 87208 | 1343 | 88551 |
| 524 BLACK-BILLED GULL | 35143 | 515 | 35658 |
| 527 CASPIAN TERN | 5293 | 64 | 5357 |
| 525 BLACK-FRONTED TERN | 1275 | 27 | 1302 |
| 529 ANTARCTIC TERN | 158 | 0 | 158 |
| 531 FAIRY TERN | 8 | 0 | 8 |
| 532 WHITE-FRONTED TERN | 23332 | 64 | 23396 |
| 533 SOOTY TERN | 14588 | 15 | 14603 |
| 534 COMMON NODDY | 2 | 0 | 2 |
| 535 WHITE-CAPPED NODDY | 7 | 0 | 7 |
| 536 WHITE TERN | 3 | 0 | 3 |
| 537 GREY TERNLET | 49 | 36 | 85 |
| 551 NEW ZEALAND PIGEON | 124 | 21 | 145 |
| 552 CHATHAM ISLAND PIGEON | 10 | 0 | 10 |
| 553 ROCK PIGEON | 60 | 0 | 60 |
| 554 MALAY SPOTTED DOVE | 2 | 0 | 2 |
| 561 KAKAPO | 65 | 8 | 73 |
| 563 SOUTH ISLAND KAKA | 34 | 6 | 40 |
| 564 KEA | 1213 | 86 | 1299 |
| 566 EASTERN ROSELLA | 1 | 0 | 1 |
| 572 ANTIPODES ISLAND PARAKEET | 69 | 0 | 69 |
| 567 KERMADEC PARAKEET | 6 | 1 | 7 |
| 568 RED-CROWNED PARAKEET | 715 | 0 | 715 |
| 569 CHATHAM ISLAND RED-CROWNED PARAKEET | 1 | 0 | 1 |
| 570 REISCHECK'S PARAKEET | 56 | 0 | 56 |
| 573 YELLOW-CROWNED PARAKEET | 38 | 0 | 38 |
| 574 CHATHAM ISLAND YELLOW-CROWNED PARAKEET | 9 | 0 | 9 |
| 583 SHINING CUCKOO | 58 | 10 | 68 |
| 584 LONG-TAILED CUCKOO | 4 | 0 | 4 |
| 601 MOREPORK | 47 | 3 | 50 |
| 604 LITTLE OWL | 16 | 0 | 16 |
| 621 NEW ZEALAND KINGFISHER | 224 | 5 | 229 |
| 641 NORTH ISLAND RIFLEMAN | 130 | 19 | 149 |
| 642 SOUTH ISLAND RIFLEMAN | 582 | 461 | 1043 |
| 646 ROCK WREN | 4 | 0 | 4 |
| 651 SKYLARK | 35 | 2 | 37 |
| 662 WELCOME SWALLOW | 316 | 2 | 318 |
| 741 NEW ZEALAND PIPIT | 46 | 0 | 46 |
| 731 HEDGESPARROW | 1964 | 77 | 2041 |

TABLE ONE
GENERAL BANDING TOTALS
(REBANDS EXCLUDED)

| SPECIES NUMBER AND NAME | TOTAL PRE 1988 | TOTAL 88/89 | TOTAL FOR ALL YEARS |
|-----------------------------|-------------------|----------------|---------------------------|
| 701 NORTH ISLAND FERNBIRD | 34 | 0 | 34 |
| 702 SOUTH ISLAND FERNBIRD | 257 | 0 | 57 |
| 703 STEWART ISLAND FERNBIRD | 27 | 0 | 27 |
| 706 SNARES FERNBIRD | 152 | 0 | 152 |
| 711 BROWN CREEPER | 284 | 10 | 294 |
| 712 WHITEHEAD | 281 | 0 | 281 |
| 713 YELLOWHEAD | 83 | 6 | 89 |
| 714 GREY WARBLER | 915 | 72 | 987 |
| 715 CHATHAM ISLAND WARBLER | 74 | 0 | 74 |
| 681 NORTH ISLAND FANTAIL | 510 | 86 | 596 |
| 682 SOUTH ISLAND FANTAIL | 780 | 56 | 836 |
| 684 PIED TIT | 175 | 0 | 175 |
| 685 YELLOW-BREASTED TIT | 416 | 4 | 420 |
| 686 CHATHAM ISLAND TIT | 26 | 0 | 26 |
| 687 BLACK TIT | 106 | 55 | 161 |
| 689 NORTH ISLAND ROBIN | 49 | 0 | 49 |
| 690 SOUTH ISLAND ROBIN | 1759 | 46 | 1805 |
| 691 STEWART ISLAND ROBIN | 10 | 0 | 10 |
| 692 BLACK ROBIN | 145 | 49 | 194 |
| 721 SONG THRUSH | 2767 | 81 | 2848 |
| 722 BLACKBIRD | 6123 | 304 | 6427 |
| 761 SILVEREYE | 54231 | 1928 | 56159 |
| 751 STITCHBIRD | 271 | 0 | 271 |
| 753 BELLBIRD | 5533 | 196 | 5729 |
| 755 TUI | 850 | 63 | 913 |
| 756 CHATHAM ISLAND TUI | 1 | 0 | 1 |
| 775 YELLOWHAMMER | 768 | 19 | 787 |
| 776 CIRL BUNTING | 11 | 7 | 18 |
| 774 CHAFFINCH | 2144 | 179 | 2323 |
| 771 GREENFINCH | 4764 | 1146 | 5910 |
| 772 GOLDFINCH | 2069 | 80 | 2149 |
| 773 REDPOLL | 6825 | 219 | 7044 |
| 781 HOUSE SPARROW | 24743 | 1037 | 25780 |
| 791 STARLING | 17381 | 174 | 17555 |
| 792 INDIAN MYNA | 1397 | 0 | 1397 |
| 821 NORTH ISLAND SADDLEBACK | 1079 | 348 | 1427 |
| 822 SOUTH ISLAND SADDLEBACK | 289 | 0 | 289 |
| 824 NORTH ISLAND KOKAKO | 32 | 0 | 32 |
| 811 BLACK-BACKED MAGPIE | 38 | 3 | 41 |
| 812 WHITE-BACKED MAGPIE | 250 | 4 | 254 |
| 813 HYBRID MAGPIE | 25 | 0 | 25 |
| --- MAGPIE SPECIES | [4] | 0 | [4] |
| 802 ROOK | 1032 | 38 | 1070 |
| *** Total *** | 1013098 | 26920 | 1040018 |

TABLE TWO
BANDING TOTALS BY AGE AND SEX

For abbreviations of column headings see page 13

| SPECIES NUMBER AND NAME | PU | JM | JF | JU | AM | AF | AU | UM | UF | UU | RB | TOTAL |
|--|-----|----|----|----|----|----|-----|----|----|----|----|-------|
| 001 NORTH ISLAND BROWN KIWI | 0 | 0 | 0 | 7 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 22 |
| 003 STEWART ISLAND BROWN KIWI | 0 | 0 | 0 | 1 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 16 |
| 004 LITTLE SPOTTED KIWI | 0 | 3 | 6 | 6 | 12 | 13 | 0 | 0 | 0 | 0 | 0 | 40 |
| 012 YELLOW-EYED PENGUIN | 495 | 3 | 2 | 76 | 39 | 41 | 75 | 0 | 0 | 0 | 24 | 755 |
| 014 COOK STRAIT BLUE PENGUIN | 14 | 0 | 0 | 0 | 8 | 4 | 1 | 0 | 0 | 0 | 1 | 28 |
| 016 WHITE-FLIPPED BLUE PENGUIN | 770 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 820 |
| 017 ROCKHOPPER PENGUIN | 164 | 0 | 0 | 3 | 65 | 73 | 36 | 0 | 0 | 0 | 0 | 341 |
| 019 FIORDLAND CRESTED PENGUIN | 54 | 1 | 0 | 2 | 54 | 37 | 4 | 0 | 0 | 0 | 0 | 152 |
| 020 SNARES CRESTED PENGUIN | 0 | 0 | 0 | 0 | 21 | 20 | 12 | 1 | 0 | 0 | 0 | 54 |
| 021 ERECT-CRESTED PENGUIN | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| 041 WANDERING ALBATROSS | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 044 NORTHERN ROYAL ALBATROSS | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 043 SOUTHERN ROYAL ALBATROSS | 354 | 0 | 0 | 0 | 29 | 19 | 1 | 0 | 0 | 0 | 45 | 448 |
| 045 BLACK-BROWED MOLLIFYMAWK | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| 046 NEW ZEALAND BLACK-BROWED MOLLIFYMAWK | 835 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 30 | 899 |
| 047 GREY-HEADED MOLLIFYMAWK | 54 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 7 | 94 |
| 049 BULLER'S MOLLIFYMAWK | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 093 GREY-FACED PETREL | 220 | 0 | 0 | 0 | 0 | 0 | 241 | 0 | 0 | 0 | 0 | 461 |
| 095 WHITE-NAPE PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 288 | 0 | 0 | 0 | 6 | 294 |
| 100 KERMADEC PETREL | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 6 |
| 111 CHATHAM ISLAND TAIKO | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 101 PYCROFT'S PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 95 |
| 106 BLACK-WINGED PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 0 | 0 | 0 | 1 | 237 |
| 105 CHATHAM ISLAND PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 14 |
| 066 BROAD-BILLED PRION | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 25 |
| 073 FAIRY PRION | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 090 BLACK PETREL | 229 | 0 | 0 | 0 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 240 |
| 091 WESTLAND BLACK PETREL | 27 | 0 | 0 | 0 | 87 | 36 | 5 | 0 | 0 | 0 | 5 | 160 |
| 080 SOOTY SHEARWATER | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| 082 FLUTTERING SHEARWATER | 55 | 0 | 0 | 0 | 11 | 13 | 169 | 0 | 0 | 0 | 2 | 250 |
| 085 KERMADEC LITTLE SHEARWATER | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 6 |

TABLE TWO
BANDING TOTALS BY AGE AND SEX

For abbreviations of column headings see page 13

| SPECIES NUMBER AND NAME | PU | JM | JF | JU | AM | AF | AU | UM | UF | UU | RB | TOTAL |
|---|----|-----|-----|------|------|------|----|----|----|----|----|-------|
| 086 NORTH ISLAND LITTLE (ALLIED) SHEARWATER | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 21 |
| 123 GREY-BACKED STORM PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 0 | 0 | 0 | 0 | 88 |
| 124 WHITE-FACED STORM PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 7 |
| 125 KERMADEC STORM PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 127 WHITE-BELLIED STORM PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 131 NORTHERN DIVING PETREL | 4 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 32 |
| 132 SOUTHERN DIVING PETREL | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| 141 RED-TAILED TROPIC BIRD | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 161 AUSTRALASIAN GANNET | 76 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151 |
| 163 MASKED (BLUE-FACED) BOOBY | 10 | 0 | 0 | 28 | 18 | 24 | 19 | 0 | 0 | 0 | 1 | 100 |
| 171 BLACK SHAG | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| 182 SPOTTED SHAG | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 243 BLACK SWAN | 0 | 0 | 0 | 0 | 8 | 13 | 0 | 0 | 0 | 0 | 0 | 21 |
| 241 CANADA GOOSE | 0 | 61 | 70 | 0 | 484 | 503 | 5 | 0 | 0 | 0 | 0 | 1123 |
| 245 PARADISE SHELDUCK | 0 | 8 | 9 | 0 | 1534 | 1411 | 0 | 0 | 0 | 0 | 1 | 2963 |
| 252 MALLARD | 0 | 875 | 834 | 0 | 524 | 634 | 0 | 0 | 0 | 0 | 0 | 2867 |
| 259 HYBRID MALLARD (CROSS) | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 251 GREY DUCK | 0 | 5 | 6 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 14 |
| 248 BROWN TEAL | 0 | 36 | 34 | 0 | 38 | 52 | 0 | 0 | 0 | 0 | 0 | 160 |
| 254 BLUE DUCK | 0 | 4 | 5 | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 27 |
| 256 NEW ZEALAND SCAUP | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 272 AUSTRALASIAN HARRIER | 0 | 29 | 26 | 1 | 43 | 47 | 0 | 0 | 0 | 0 | 0 | 146 |
| 296 CHUKOR | 0 | 17 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| 299 RED-LEGGED PARTRIDGE | 0 | 120 | 90 | 1701 | 15 | 10 | 0 | 0 | 0 | 0 | 0 | 1936 |
| 293 PHEASANT | 0 | 292 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 305 |
| 401 SOUTH ISLAND PIED OYSTERCATCHER | 24 | 0 | 0 | 0 | 13 | 21 | 26 | 0 | 0 | 0 | 1 | 85 |
| 402 VARIABLE OYSTERCATCHER | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 404 CHATHAM ISLAND OYSTERCATCHER | 0 | 0 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 9 |
| 418 NEW ZEALAND DOTTEREL | 24 | 0 | 0 | 3 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 43 |
| 415 BANDED DOTTEREL | 0 | 0 | 0 | 36 | 77 | 141 | 0 | 0 | 0 | 0 | 3 | 257 |

TABLE TWO
BANDING TOTALS BY AGE AND SEX

For abbreviations of column headings see page 13

| SPECIES NUMBER AND NAME | PU | JM | JF | JU | AM | AF | AU | UM | UF | UU | RB | TOTAL |
|-----------------------------------|------|-----|-----|----|----|-----|-----|----|----|----|-----|-------|
| 422 BLACK-FRONTED DOTTEREL | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 30 |
| 419 NEW ZEALAND SHORE PLOVER | 20 | 0 | 0 | 16 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 50 |
| 420 WRYBILL | 2 | 0 | 0 | 4 | 3 | 9 | 0 | 0 | 0 | 0 | 1 | 19 |
| 445 EASTERN BAR-TAILED GODWIT | 0 | 0 | 0 | 44 | 0 | 0 | 131 | 0 | 0 | 1 | 0 | 176 |
| 451 TURNSTONE | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 453 CHATHAM ISLAND SNIPE | 0 | 1 | 1 | 0 | 11 | 10 | 0 | 0 | 0 | 0 | 0 | 23 |
| 454 SNARES ISLAND SNIPE | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 7 |
| 458 KNOT | 0 | 0 | 0 | 43 | 0 | 0 | 724 | 0 | 0 | 0 | 4 | 771 |
| 511 SOUTHERN GREAT SKUA | 143 | 0 | 0 | 0 | 2 | 2 | 15 | 0 | 0 | 19 | 2 | 183 |
| 521 SOUTHERN BLACK-BACKED GULL | 872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 872 |
| 523 RED-BILLED GULL | 1055 | 3 | 2 | 12 | 98 | 140 | 33 | 0 | 0 | 0 | 978 | 2321 |
| 524 BLACK-BILLED GULL | 515 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 515 |
| 527 CASPIAN TERN | 63 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 65 |
| 525 BLACK-FRONTED TERN | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 532 WHITE-FRONTED TERN | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| 533 SOOTY TERN | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 15 |
| 537 GREY TERNLET | 21 | 0 | 0 | 1 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 36 |
| 551 NEW ZEALAND PIGEON | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 20 | 0 | 21 |
| 561 KAKAPO | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 563 SOUTH ISLAND KAKA | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 6 |
| 564 KEA | 0 | 35 | 12 | 2 | 26 | 9 | 1 | 0 | 0 | 1 | 0 | 86 |
| 567 KERMADEC PARAKEET | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 583 SHINING CUCKOO | 6 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 10 |
| 601 MOREPORK | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| 621 NEW ZEALAND KINGFISHER | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 5 |
| 641 NORTH ISLAND RIFLEMAN | 0 | 2 | 1 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 19 |
| 642 SOUTH ISLAND RIFLEMAN | 55 | 177 | 189 | 2 | 22 | 16 | 0 | 0 | 0 | 0 | 0 | 461 |
| 651 SKYLARK | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 662 WELCOME SWALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| 731 HEDGESPARROW | 7 | 0 | 0 | 13 | 0 | 0 | 53 | 0 | 0 | 4 | 0 | 77 |
| 711 BROWN CREEPER | 2 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 10 |
| 713 YELLOWHEAD | 0 | 2 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| 714 GREY WARBLER | 24 | 0 | 0 | 7 | 7 | 7 | 19 | 0 | 0 | 8 | 0 | 72 |

TABLE TWO
BANDING TOTALS BY AGE AND SEX

| SPECIES NUMBER AND NAME | PU | JM | JF | JU | AM | AF | AU | UM | UF | UU | RB TOTAL |
|-----------------------------|------|------|------|------|------|------|------|----|----|-----|----------|
| 681 NORTH ISLAND FANTAIL | 0 | 0 | 0 | 59 | 0 | 0 | 27 | 0 | 0 | 0 | 0 |
| 682 SOUTH ISLAND FANTAIL | 38 | 0 | 0 | 4 | 2 | 2 | 10 | 0 | 0 | 0 | 0 |
| 685 YELLOW-BREASTED TIT | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 687 BLACK TIT | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 690 SOUTH ISLAND ROBIN | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 23 | 0 | 0 |
| 692 BLACK ROBIN | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 721 SONG THRUSH | 24 | 0 | 0 | 10 | 5 | 2 | 40 | 0 | 0 | 0 | 0 |
| 722 BLACKBIRD | 89 | 23 | 10 | 11 | 99 | 63 | 3 | 0 | 6 | 0 | 1 |
| 761 SILVEREYE | 3 | 0 | 0 | 53 | 0 | 0 | 1852 | 0 | 0 | 20 | 0 |
| 753 BELLBIRD | 0 | 8 | 6 | 69 | 69 | 41 | 0 | 0 | 0 | 3 | 0 |
| 755 TUI | 0 | 3 | 0 | 6 | 11 | 3 | 2 | 0 | 0 | 38 | 0 |
| 775 YELLOWHAMMER | 0 | 0 | 1 | 1 | 8 | 8 | 0 | 0 | 0 | 1 | 0 |
| 776 GIRL BUNTING | 0 | 0 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| 774 CHAFFINCH | 0 | 13 | 15 | 17 | 60 | 71 | 2 | 0 | 1 | 0 | 0 |
| 771 GREENFINCH | 25 | 21 | 14 | 310 | 479 | 241 | 3 | 0 | 0 | 53 | 0 |
| 772 GOLDFINCH | 9 | 0 | 0 | 26 | 11 | 9 | 14 | 0 | 0 | 11 | 0 |
| 773 REDPOLL | 23 | 2 | 0 | 101 | 31 | 55 | 6 | 0 | 0 | 1 | 0 |
| 781 HOUSE SPARROW | 34 | 116 | 109 | 123 | 393 | 256 | 5 | 0 | 0 | 1 | 0 |
| 791 STARLING | 14 | 0 | 0 | 3 | 31 | 22 | 104 | 0 | 0 | 0 | 0 |
| 821 NORTH ISLAND SADDLEBACK | 100 | 39 | 38 | 23 | 69 | 76 | 3 | 0 | 0 | 0 | 0 |
| 811 BLACK-BACKED MAGPIE | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 812 WHITE-BACKED MAGPIE | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 802 ROOK | 0 | 0 | 0 | 3 | 19 | 16 | 0 | 0 | 0 | 0 | 0 |
| *** Total *** | 6818 | 1901 | 1509 | 2918 | 4627 | 4216 | 4697 | 23 | 30 | 181 | 1117 |
| | | | | | | | | | | | 28037 |

Reference to abbreviations in the column headings:

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

TABLE THREE

Summary of recoveries added to the computer file during the report year.

NOTE: The figures in the repeat column are already incorporated in the total column.

| SPECIES NUMBER AND NAME | DEAD | ALIVE | TOTAL | REPEAT |
|---|------|-------|-------|--------|
| 001 NORTH ISLAND BROWN KIWI | 6 | 0 | 6 | 0 |
| 012 YELLOW-EYED PENGUIN | 15 | 229 | 244 | 192 |
| 014 COOK STRAIT BLUE PENGUIN | 5 | 21 | 26 | 10 |
| 016 WHITE-FLIPPED BLUE PENGUIN | 39 | 806 | 845 | 573 |
| 017 ROCKHOPPER PENGUIN | 8 | 3049 | 3057 | 2184 |
| 019 FIORDLAND CRESTED PENGUIN | 1 | 0 | 1 | 0 |
| 020 SNARES CRESTED PENGUIN | 1 | 0 | 1 | 0 |
| 041 WANDERING ALBATROSS | 0 | 9 | 9 | 8 |
| 043 SOUTHERN ROYAL ALBATROSS | 9 | 433 | 442 | 164 |
| 046 NEW ZEALAND BLACK-BROWED MOLLYMAWK | 14 | 483 | 497 | 157 |
| 047 GREY-HEADED MOLLYMAWK | 4 | 210 | 214 | 75 |
| 054 LIGHT MANTLED SOOTY ALBATROSS | 0 | 1 | 1 | 0 |
| 109 NORTHERN GIANT PETREL | 0 | 2 | 2 | 0 |
| 061 SOUTHERN GIANT PETREL | 1 | 0 | 1 | 1 |
| 093 GREY- FACED PETREL | 1 | 11 | 12 | 2 |
| 066 BROAD-BILLED PRION | 3 | 2 | 5 | 1 |
| 073 FAIRY PRION | 1 | 8 | 9 | 0 |
| 090 BLACK PETREL | 1 | 3 | 4 | 0 |
| 091 WESTLAND BLACK PETREL | 4 | 69 | 73 | 39 |
| 077 FLESH-FOOTED SHEARWATER | 1 | 0 | 1 | 0 |
| 080 SOOTY SHEARWATER | 1 | 4 | 5 | 2 |
| 082 FLUTTERING SHEARWATER | 0 | 6 | 6 | 0 |
| 083 HUTTON'S SHEARWATER | 1 | 0 | 1 | 0 |
| 161 AUSTRALASIAN GANNET | 18 | 19 | 37 | 15 |
| 173 LITTLE BLACK SHAG | 4 | 0 | 4 | 0 |
| 180 CAMPBELL ISLAND SHAG | 1 | 0 | 1 | 0 |
| 215 REEF HERON | 1 | 0 | 1 | 0 |
| 243 BLACK SWAN | 328 | 4 | 332 | 25 |
| 241 CANADA GOOSE | 1077 | 414 | 1491 | 444 |
| 245 PARADISE SHELDUCK | 664 | 391 | 1055 | 78 |
| 252 MALLARD | 532 | 213 | 745 | 40 |
| 251 GREY DUCK | 11 | 0 | 11 | 0 |
| 248 BROWN TEAL | 1 | 0 | 1 | 0 |
| 249 AUCKLAND ISLAND TEAL | 0 | 1 | 1 | 0 |
| 250 CAMPBELL ISLAND TEAL | 1 | 0 | 1 | 0 |
| 253 NEW ZEALAND SHOVELER | 24 | 0 | 24 | 0 |
| 272 AUSTRALASIAN HARRIER | 9 | 5 | 14 | 3 |
| 296 CHUKOR | 1 | 0 | 1 | 0 |
| 299 RED-LEGGED PARTRIDGE | 19 | 0 | 19 | 0 |
| 293 PHEASANT | 43 | 0 | 43 | 0 |
| 342 PUKEKO | 1 | 0 | 1 | 0 |
| 401 SOUTH ISLAND PIED OYSTERCATCHER | 1 | 12 | 13 | 7 |
| 402 VARIABLE OYSTERCATCHER | 2 | 4 | 6 | 1 |
| 404 CHATHAM ISLAND OYSTERCATCHER | 1 | 1 | 2 | 1 |
| 418 NEW ZEALAND DOTTEREL | 0 | 5 | 5 | 4 |
| 415 BANDED DOTTEREL | 2 | 36 | 38 | 16 |
| 419 NEW ZEALAND SHORE PLOVER | 1 | 0 | 1 | 0 |
| 420 WRYBILL | 1 | 11 | 12 | 6 |
| 511 SOUTHERN GREAT SKUA | 5 | 39 | 44 | 10 |

TABLE THREE

Summary of recoveries added to the computer file during the report year.

NOTE: The figures in the repeat column are already incorporated in the total column.

| SPECIES NUMBER AND NAME | DEAD | ALIVE | TOTAL | REPEAT |
|--------------------------------|------|-------|-------|--------|
| 512 ANTARCTIC SKUA | 1 | 88 | 89 | 81 |
| 521 SOUTHERN BLACK-BACKED GULL | 47 | 22 | 69 | 2 |
| 523 RED-BILLED GULL | 28 | 180 | 208 | 126 |
| 524 BLACK-BILLED GULL | 2 | 7 | 9 | 3 |
| 527 CASPIAN TERN | 3 | 1 | 4 | 0 |
| 532 WHITE-FRONTED TERN | 4 | 2 | 6 | 0 |
| 551 NEW ZEALAND PIGEON | 1 | 0 | 1 | 0 |
| 564 KEA | 3 | 46 | 49 | 11 |
| 568 RED-CROWNED PARAKEET | 1 | 0 | 1 | 0 |
| 741 NEW ZEALAND PIPIT | 0 | 1 | 1 | 0 |
| 731 HEDGESPARROW | 0 | 12 | 12 | 6 |
| 714 GREY WARBLER | 0 | 3 | 3 | 1 |
| 681 NORTH ISLAND FANTAIL | 0 | 4 | 4 | 2 |
| 690 SOUTH ISLAND ROBIN | 1 | 0 | 1 | 0 |
| 721 SONG THRUSH | 1 | 0 | 1 | 0 |
| 722 BLACKBIRD | 11 | 42 | 53 | 18 |
| 761 SILVEREYE | 7 | 50 | 57 | 20 |
| 753 BELLBIRD | 0 | 2 | 2 | 0 |
| 755 TUI | 2 | 1 | 3 | 0 |
| 774 CHAFFINCH | 0 | 5 | 5 | 0 |
| 771 GREENFINCH | 1 | 0 | 1 | 0 |
| 781 HOUSE SPARROW | 8 | 1 | 9 | 1 |
| 791 STARLING | 5 | 0 | 5 | 0 |
| 822 SOUTH ISLAND SADDLEBACK | 1 | 0 | 1 | 0 |
| 812 WHITE-BACKED MAGPIE | 1 | 0 | 1 | 0 |
| *** Total *** | 2292 | 6968 | 9960 | 4329 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|--------------------------------|-----------------|
| ** PERMIT 0002 MILLS DR J A | |
| RED-BILLED GULL | 2293 |
| ** Subtotal ** | 2293 |
| ** PERMIT 0005 ROBERTSON C J R | |
| WHITE-NAPED PETREL | 294 |
| KERMADEC PETREL | 6 |
| BLACK-WINGED PETREL | 234 |
| KERMADEC LITTLE SHEARWATER | 6 |
| KERMADEC STORM PETREL | 1 |
| WHITE-BELLIED STORM PETREL | 1 |
| RED-TAILED TROPIC BIRD | 2 |
| MASKED (BLUE-FACED) BOOBY | 100 |
| SOOTY TERN | 15 |
| GREY TERNLET | 36 |
| KERMADEC PARAKEET | 1 |
| ** Subtotal ** | 696 |
| ** PERMIT 0032 DAVIS V T | |
| AUSTRALASIAN GANNET | 75 |
| ** Subtotal ** | 75 |
| ** PERMIT 0036 BARTLE J A | |
| WESTLAND BLACK PETREL | 160 |
| ** Subtotal ** | 160 |
| ** PERMIT 0041 BULL DR P C | |
| SILVEREYE | 22 |
| ** Subtotal ** | 22 |
| ** PERRMIT 0042 CHALLIES C N | |
| WHITE-FLIPPED BLUE PENGUIN | 820 |
| SOUTHERN BLACK-BACKED GULL | 11 |
| ** Subtotal ** | 831 |
| ** PERMIT 0044 COWIE J A | |
| BLACK-BILLED GULL | 515 |
| BLACK-FRONTED TERN | 27 |
| WHITE-FRONTED TERN | 64 |
| ** Subtotal | 606 |
| ** PERMIT 0053 BARLOW MRS C E | |
| CASPIAN TERN | 65 |
| ** Subtotal ** | 65 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|--|-----------------|
| ** PERMIT 0062 CROCKETT D A | |
| CHATHAM ISLAND TAIKO | 1 |
| BROAD-BILLED PRION | 25 |
| FAIRY PRION | 2 |
| SOOTY SHEARWATER | 1 |
| GREY-BACKED STORM PETREL | 15 |
| WHITE-FACED STORM PETREL | 7 |
| SOUTHERN DIVING PETREL | 3 |
| ** Subtotal ** | 54 |
| | |
| ** PERMIT 0068 IMBER M J | |
| BLACK-WINGED PETREL | 3 |
| CHATHAM ISLAND PETREL | 14 |
| BLACK PETREL | 221 |
| FLUTTERING SHEARWATER | 224 |
| ** Subtotal ** | 462 |
| | |
| ** PERMIT 0076 BELL BRIAN D | |
| VARIABLE OYSTERCATCHER | 2 |
| SOUTHERN BLACK-BACKED GULL | 68 |
| BLACKBIRD | 21 |
| SILVEREYE | 196 |
| YELLOWHAMMER | 11 |
| CHAFFINCH | 35 |
| GREENFINCH | 178 |
| GOLDFINCH | 1 |
| HOUSE SPARROW | 223 |
| STARLING | 117 |
| ** Subtotal ** | 852 |
| | |
| ** PERMIT 0093 SAGAR P M | |
| SOUTH ISLAND PIED OYSTERCATCHER | 59 |
| ** Subtotal ** | 59 |
| | |
| ** PERMIT 0102 NORTH CANTERBURY ACCLIM SOC | |
| RED-LEGGED PARTRIDGE | 80 |
| ** Subtotal ** | 80 |
| | |
| ** PERMIT 0104 ECOLOGY DIVISION DSIR | |
| SOUTHERN BLACK-BACKED GULL | 294 |
| NEW ZEALAND PIGEON | 21 |
| SOUTH ISLAND KAKA | 6 |
| SHINING CUCKOO | 3 |
| MOREPORK | 3 |
| NEW ZEALAND KINGFISHER | 4 |
| NORTH ISLAND RIFLEMAN | 19 |
| WELCOME SWALLOW | 2 |
| HEDGESPARROW | 5 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|---|-----------------|
| ** PERMIT 0104 ECOLOGY DIVISION D S I R | |
| GREY WARBLER | 24 |
| NORTH ISLAND FANTAIL | 81 |
| SOUTH ISLAND ROBIN | 45 |
| SONG THRUSH | 36 |
| BLACKBIRD | 100 |
| SILVEREYE | 156 |
| TUI | 170 |
| YELLOWHAMMER | 61 |
| CHAFFINCH | 5 |
| GREENFINCH | 34 |
| GOLDFINCH | 11 |
| HOUSE SPARROW | 7 |
| STARLING | 96 |
| BLACK-BACKED MAGPIE | 11 |
| WHITE-BACKED MAGPIE | 3 |
| ROOK | 4 |
| ** Subtotal ** | 38 |
| | 1239 |
| ** PERMIT 0108 CAMPBELL ISLAND PARTY | |
| WANDERING ALBATROSS | 2 |
| SOUTHERN ROYAL ALBATROSS | 399 |
| BLACK-BROWED MOLLYMAWK | 3 |
| NEW ZEALAND BLACK-BROWED MOLLYMAWK | 899 |
| GREY-HEADED MOLLYMAWK | 94 |
| SOUTHERN GREAT SKUA | 27 |
| RED-BILLED GULL | 28 |
| ** Subtotal ** | 1452 |
| ** PERMIT 0125 NEW ZEALAND WILDLIFE SERVICE | |
| SOUTHERN GREAT SKUA | 17 |
| ** Subtotal ** | 17 |
| ** PERMIT 0164 AUCKLAND ACCLIMATISATION SOC | |
| RED-LEGGED PARTRIDGE | 1560 |
| ** Subtotal | 1560 |
| PERMIT 0172 HAWKES BAY ACCLIM SOCIETY | |
| CHUKOR RED-LEGGED | 45 |
| PARTRIDGE | 60 |
| PHEASANT | 305 |
| ** Subtotal ** | 410 |
| ** PERMIT 0179 SOUTH CANTEBURY ACCL | |
| RED-LEGGED PARTRIDGE | 76 |
| ** Subtotal ** | 76 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|--|-----------------|
| ** PERMIT 0184 SOUTHLAND ACCLIM SOCIETY | |
| MALLARD | 1329 |
| ** Subtotal ** | 1329 |
| | |
| ** PERMIT 0243 SIM D M | |
| BLACK SHAG | 37 |
| AUSTRALASIAN HARRIER | 33 |
| SILVEREYE | 119 |
| ** Subtotal ** | 189 |
| | |
| ** PERMIT 0244 POWLESLAND DR R G | |
| KAKAPO | 8 |
| ** Subtotal | 8 |
| | |
| ** PERMIT 0257 ONLEY D J | |
| NEW ZEALAND KINGFISHER | 1 |
| HEDGESPARROW | 16 |
| GREY WARBLER | 1 |
| SOUTH ISLAND FANTAIL | 3 |
| YELLOW-BREASTED TIT | 4 |
| BLACKBIRD | 3 |
| SILVEREYE | 163 |
| BELLBIRD | 4 |
| CHAFFINCH | 1 |
| REDPOLL | 52 |
| HOUSE SPARROW | 34 |
| ** Subtotal ** | 282 |
| | |
| ** PERMIT 0277 SHERLEY G H | |
| SOUTH ISLAND RIFLEMAN | 381 |
| ** Subtotal ** | 381 |
| | |
| ** PERMIT 0278 MIRANDA NATURALISTS TRUST | |
| SOUTH ISLAND PIED OYSTERCATCHER | 26 |
| EASTERN BAR-TAILED GODWIT | 176 |
| TURNSTONE | 1 |
| KNOT | 771 |
| ** Subtotal ** | 974 |
| | |
| ** PERMIT 0282 DUCKS UNLIMITED | |
| BROWN TEAL | 160 |
| ** Subtotal ** | 160 |
| | |
| ** PERMIT 0285 RAPTOR ASSOCIATION OF NZ | |
| AUSTRALASIAN HARRIER | 113 |
| ** Subtotal | 113 |

TABLE FOUR

SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|---|-----------------|
| ** PERMIT 0291 NORTHLAND/FAR NORTH REG OSNZ | |
| SOUTHERN BLACK-BACKED GULL | 164 |
| ** Subtotal ** | 164 |
| | |
| ** PERMIT 0292 ROWE L K | |
| HEDGESPARROW | 7 |
| GREY WARBLER | 1 |
| SOUTH ISLAND FANTAIL | 1 |
| SONG THRUSH | 3 |
| BLACKBIRD | 9 |
| SILVEREYE | 248 |
| CHAFFINCH | 8 |
| GREENFINCH | 1 |
| GOLDFINCH | 1 |
| REDPOLL | 6 |
| HOUSE SPARROW | 165 |
| STARLING | 23 |
| ** Subtotal ** | 473 |
| | |
| ** PERMIT 0294 CANTERBURY PASSERINE GROUP | |
| HEDGESPARROW | 33 |
| GREY WARBLER | 1 |
| SOUTH ISLAND FANTAIL | 1 |
| SONG THRUSH | 35 |
| BLACKBIRD | 134 |
| SILVEREYE | 165 |
| BELLBIRD | 22 |
| YELLOWHAMMER | 1 |
| CHAFFINCH | 17 |
| GREENFINCH | 878 |
| GOLDFINCH | 39 |
| REDPOLL | 30 |
| HOUSE SPARROW | 143 |
| STARLING | 18 |
| ** Subtotal ** | 1517 |
| | |
| ** PERMIT 0295 CANTERBURY UNIVERSITY | |
| FIORDLAND CRESTED PENGUIN | 146 |
| SNARES CRESTED PENGUIN | 53 |
| CHATHAM ISLAND SNIPE | 23 |
| SNARES ISLAND SNIPE | 7 |
| SHINING CUCKOO | 7 |
| SOUTH ISLAND RIFLEMAN | 73 |
| BROWN CREEPER | 10 |
| GREY WARBLER | 43 |
| SOUTH ISLAND FANTAIL | 47 |
| BLACK TIT | 55 |
| ** Subtotal ** | 464 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|------------------------------------|-----------------|
| ** PERMIT 0297 AUCKLAND UNIVERSITY | |
| NORTH ISLAND BROWN KIWI | 22 |
| BLACK PETREL | 19 |
| SOUTHERN GREAT SKUA | 139 |
| BLACKBIRD | 33 |
| NORTH ISLAND SADDLEBACK | 66 |
| ** Subtotal ** | 279 |
| | |
| ** PERMIT 0298 WILSON G J | |
| KEA | 86 |
| ** Subtotal | 86 |
| | |
| ** PERMIT 0299 BETTESWORTH D | |
| GREY-FACED PETREL | 6 |
| ** Subtotal ** | 6 |
| | |
| ** PERMIT 0301 DARBY J T | |
| YELLOW-EYED PENGUIN | 512 |
| FIORDLAND CRESTED PENGUIN | 5 |
| SNARES CRESTED PENGUIN | 1 |
| ERECT-CRESTED PENGUIN | 2 |
| ** Subtotal ** | 520 |
| | |
| ** PERMIT 0304 TAYLOR G | |
| NORTH ISLAND FANTAIL | 2 |
| SONG THRUSH | 1 |
| BLACKBIRD | 1 |
| SILVEREYE | 16 |
| GOLDFINCH | 1 |
| HOUSE SPARROW | 62 |
| STARLING | 2 |
| ** Subtotal ** | 85 |
| | |
| ** PERMIT 0307 COSSEE R O | |
| COOK STRAIT BLUE PENGUIN | 28 |
| FIORDLAND CRESTED PENGUIN | 1 |
| NORTHERN ROYAL ALBATROSS | 1 |
| SOUTHERN ROYAL ALBATROSS | 49 |
| BULLER'S MOLLYMAWK | 1 |
| SPOTTED SHAG | 11 |
| NEW ZEALAND SCAUP | 11 |
| VARIABLE OYSTERCATCHER | 7 |
| SOUTHERN BLACK-BACKED GULL | 335 |
| HEDGESPARROW | 2 |
| NORTH ISLAND FANTAIL | 3 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|--|-----------------|
| ** PERMIT 0307 COSSEE R O | |
| SILVEREYE | 665 |
| CHAFFINCH | 2 |
| GREENFINCH | 47 |
| HOUSE SPARROW | 180 |
| STARLING | 2 |
| ** Subtotal ** | 1345 |
| | |
| ** PERMIT 0312 HUGHEY K F D | |
| WRYBILL | 19 |
| ** Subtotal ** | 19 |
| | |
| ** PERMIT 0313 LOVEGROVE T | |
| NORTH ISLAND SADDLEBACK | 282 |
| ** Subtotal ** | 282 |
| | |
| ** PERMIT 0317 BANDED DOTTEREL STUDY GROUP | |
| BANDED DOTTEREL | 257 |
| BLACK-FRONTED DOTTEREL | 30 |
| ** Subtotal ** | 287 |
| | |
| ** PERMIT 0318 PLANT DR A R | |
| GREY-BACKED STORM PETREL | 73 |
| ** Subtotal ** | 73 |
| | |
| ** PERMIT 0323 DOWDING J (NZ DOTTEREL GROUP) | |
| NEW ZEALAND DOTTEREL | 43 |
| ** Subtotal ** | 43 |
| | |
| ** PERMIT 0324 PASSERINE GROUP OSNZ CENTRAL | |
| SOUTH ISLAND RIFLEMAN | 7 |
| SKYLARK | 2 |
| HEDGESPARROW | 14 |
| GREY WARBLER | 2 |
| SOUTH ISLAND FANTAIL | 4 |
| SOUTH ISLAND ROBIN | 1 |
| SONG THRUSH | 6 |
| BLACKBIRD | 4 |
| SILVEREYE | 178 |
| TUI | 2 |
| YELLOWHAMMER | 2 |
| CIRL BUNTING | 7 |
| CHAFFINCH | 82 |
| GREENFINCH | 31 |
| GOLDFINCH | 31 |
| REDPOLL | 131 |
| HOUSE SPARROW | 136 |
| STARLING | 1 |
| ** Subtotal ** | 641 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|--|-----------------|
| ** PERMIT 0325 OSNZ AUCKLAND SEABIRD GROUP | |
| GREY-FACED PETREL | 249 |
| PYCROFT'S PETREL | 95 |
| SOOTY SHEARWATER | 2 |
| FLUTTERING SHEARWATER | 26 |
| NORTH ISLAND LITTLE (ALLIED) SHEARWATER | 21 |
| NORTHERN DIVING PETREL | 32 |
| ** Subtotal ** | 425 |
| | |
| ** PERMIT 0326 WAGHORN E J | |
| AUSTRALASIAN GANNET | 76 |
| ** Subtotal ** | 76 |
| | |
| ** PERMIT 1125 NORTHERN REGION D O C | |
| PARADISE SHELDUCK | 410 |
| RED-LEGGED PARTRIDGE | 115 |
| ** Subtotal ** | 525 |
| | |
| ** PERMIT 2125 WAIKATO REGION D O C | |
| PARADISE SHELDUCK | 1970 |
| ** Subtotal ** | 1970 |
| | |
| ** PERMIT 3125 EASTERN REGION D O C | |
| CANADA GOOSE | 123 |
| BLUE DUCK | 21 |
| RED-LEGGED PARTRIDGE | 45 |
| ** Subtotal ** | 189 |
| | |
| ** PERMIT 4125 WANGANUI REGION D O C | |
| PARADISE SHELDUCK | 566 |
| MALLARD | 1538 |
| HYBRID MALLARD (CROSS) | 1 |
| GREY DUCK | 14 |
| ** Subtotal ** | 2119 |
| | |
| ** PERMIT 7125 CANTERBURY REGION D O C | |
| BLACK SWAN | 21 |
| CANADA GOOSE | 1000 |
| BLUE DUCK | 6 |
| CHATHAM ISLAND OYSTERCATCHER | 9 |
| NEW ZEALAND SHORE PLOVER | 50 |
| BLACK ROBIN | 49 |
| ** Subtotal ** | 1135 |

TABLE FOUR
SUMMARY PER PERMIT
(REBANDS INCLUDED)

| | BIRDS BANDED |
|---|-----------------|
| ** PERMIT 8125 SOUTHERN REGION D O C | |
| PARADISE SHELDUCK | 17 |
| ** Subtotal ** | 17 |
| | |
| ** PERMIT 9125 SCIENCE & RESEARCH D O C | |
| STEWART ISLAND BROWN KIWI | 16 |
| LITTLE SPOTTED KIWI | 40 |
| YELLOW-EYED PENGUIN | 243 |
| ROCKHOPPER PENGUIN | 341 |
| GREY-FACED PETREL | 206 |
| YELLOWHEAD | 6 |
| ** Subtotal ** | 852 |
| | |
| *** Total *** | 28037 |