

Norfolk Island Bird Notes, 1977 to 1997

Compiled by JAMES L. MOORE

32 Brook Street, Lower Hutt

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INTRODUCTION

This report has been prepared under the aegis of the Ornithological Society of New Zealand (OSNZ) South-west Pacific Islands Records Scheme and follows up a previous report on Norfolk Island covering records for 1968 to 1984 (Moore 1985). The majority of the records in this report relate to the period 1986 to 1997 inclusive although it also includes a few from earlier years and two of historical interest. The report presents data for 81 of the 103 species for which submissions have been received including two species, Laysan Albatross and Newell's Shearwater, which are new to Australia and a further 20 species which have not previously been reported from the Norfolk Island group; these species are identified by an asterisk in the systematic list. The 22 species which are not listed comprise those resident species and breeding seabirds for which no records have been submitted that contribute significantly to our knowledge of the island's avifauna.

Seabirds account for over 70 percent of the new species and this undoubtedly reflects the extent to which the birds of the seas around these islands have been under-recorded hitherto. Most of these seabirds were observed from ships passing close to the Norfolk group, one on route from Tonga to Sydney in October 1979 and two making round trips between Auckland and Norfolk Island in May 1995 and in February 1997. For consistency of reportage, and to restrict the area of sea covered by this report to specified limits, only those seabirds recorded within the area bounded by latitudes 28° and 30° S and longitudes 167° and 169° E have been included; this equates to a maximum distance from Norfolk Island of approximately 145 km.

Unlike the previous report, which was based solely on observations from OSNZ members who had visited the island, this report also includes records submitted via the Norfolk Island Flora and Fauna Society from its island resident members and from other visitors to the island, mainly from Australia. The country of origin of each of these individuals is given in the list of contributors using the following abbreviations: A-Australia; NI-Norfolk Island; NZ-New Zealand; UK-United Kingdom.

Contributors: B. Adams (NI), J. Anderson (NI), D. & B. Appleton (NZ), P. Bannister (PBa)(NZ), J. Beseau (A), P. Boag (PBo)(A), J. & M. Brierley (NZ), M. Bruce (NI), B. Buchanan (NZ), C. Buffet (NI), P. Buxton (PBu)(NZ), M. J. Carter (A), R. Chapman

(A), K. Christian (NI), M. Christian (NI), H. Clinton (NI), S. Crennan (NI), P. Davidson (NI), N. Ellis (A), I. Endersby (A), A. Evans (NI), B. Evans (NI), O. Evans (NI), P. Finch (NI), I. Fraser (A), P. Gilmore (A), D. Greenwood (NI), A. Guymmer (NI), M. Hallon (A), N. Hermes (A), J. Hicks (A), C. Jowett (NZ), J. Mack (NI), H. McCoy (NI), J. McCoy (JMc)(NI), G. McGregor (A), J. & M. Moore (NZ), R. Morris (NZ), T. Sim (NI), B. Simpson (NI), P. Summerscales (NI), M.J. Taylor (NZ), M. Templeton (A), A. Tennyson (NZ), P. Vale (A), R. Ward (NI), J. & P. Waugh (A), R. M. Weston (NZ), T. Wnorowski (NZ), S. Wood (UK).

Abbreviations: ANCA-Australian Nature Conservation Agency, ANPWS-Australian National Parks and Wildlife Service, BARC-Birds Australia Rarities Committee, NIFFS-Norfolk Island Flora and Fauna Society.

SYSTEMATIC LIST

WANDERING ALBATROSS *Diomedea exulans*

A juvenile at sea on 28 Oct 1979 within c88 km NE of Norfolk Is having followed the SS Felix Dzerjinsky for 24 hours on route from Tonga to Sydney (MJC).

BLACK-BROWED ALBATROSS *Diomedea melanophrys*

One at sea on 13 May 1995 within 15 km SE of Norfolk Is (TW).

*LAYSAN ALBATROSS *Diomedea immutabilis*

One ashore at Headstone on 22 Oct 1985 (NH) and one, possibly the same bird, ashore at Headstone from 10 to 22 Aug 1986 (JH), photographed on both occasions. On the evidence of the photographs and the accompanying information BARC unanimously accepted these records, in March 1998, as comprising the first Australian record for this species. This decision superseded the non-acceptance previously reported in Patterson (1996).

Note: The 1985 bird was incorrectly reported in Hermes et al. (1986) as a Shy Albatross (*Diomedea cauta*).

FLESH-FOOTED SHEARWATER *Puffinus carneipes*

On Philip Is, two captured in the same burrow on different dates in Oct 1993, banded and released (OE).

WEDGE-TAILED SHEARWATER *Puffinus pacificus*

About 20 recently fledged young were attracted on board the 'Hajnowka' by the ships' lights during the nights of 13 and 14 May 1995 whilst anchored off Norfolk Is (TW).

*SOOTY SHEARWATER *Puffinus griseus*

Three single birds at sea within 80 km of Norfolk Is on 28 Oct 1979 (MJC).

LITTLE SHEARWATER *Puffinus assimilis*

On the main island, singles ashore at New Cascade Road on 29 Oct 1991 (PD) and 16 Dec 1995 (PD) and several at Mount Pitt on 22 Nov 1997 (J&MB).



FIGURE 1 - White-necked Petrel nesting under thick vegetation on Philip Island on 20 February 1992. Previously known to breed only on Macauley Island in the Kermadec Group.

Photo: M. J. Carter.

*NEWELL'S SHEARWATER *Puffinus auricularis newelli*

A black and white shearwater, noticeably larger than *P. assimilis*, was found on Philip Is on the night of 2 Dec 1997 when it was captured, photographed and released, and the photographs submitted to M. Imber for identification (OE, RM). As the bird appeared to be a Newell's Shearwater it was referred to BARC for formal appraisal and, on the basis of the photographic evidence and related information, BARC decided in Oct. 1998 to accept the submission (case #246) as comprising the first Australian record of Newell's Shearwater.

*TAHITI PETREL *Pseudobulweria rostrata*

One c11 km offshore on 28 Oct 1979 (MJC). One at sea c35 km SE of Norfolk Is on 25 Feb 1997 then two at c40 km SE and two at c75 km SE on 26 Feb (CJ).

CAPE PETREL *Daption capense*

One at sea c80 km NE of Norfolk Is on 28 Oct 1979 (MJC) and two or three flocks, each of 10-20 birds, within 15 km SE of Norfolk Is on 13 and 15 May 1995 (TW).

*SOUTHERN GIANT PETREL *Macronectes giganteus*

One on 15 May 1995 at sea within 15 km SE of Norfolk Is, identified by the green tip to the lower mandible (TW).

*FAIRY PRION *Pachyptila turtur*

A flock of c20 on 15 May 1995 at sea within 15 km SE of Norfolk Is (TW).

*GOULD'S PETREL *Pterodroma leucoptera*

One on 25 Feb 1997 and two on 26 Feb at sea c80-85 km SE of Norfolk Is (CJ).

MOTTLED PETREL *Pterodroma inexpectata

Six between c10 and c24 km offshore and one c70 km SW of Norfolk Is on 28 Oct 1979 (MJC).

WHITE-NECKED PETREL *Pterodroma cervicalis

Four on Philip Is on 20 Feb 1992, including a nesting pair (OE,MJC), comprise the first records and first breeding records of this species for Norfolk Is (See Fig. 1). At sea, three on 26 Feb 1997 c80 km SE of Norfolk Is (CJ).

KERMADEC PETREL *Pterodroma neglecta

On Philip Is, three on 5 Aug 1986 (MH), a pair breeding on 31 Dec 1987 (OE,HM,SW) and four adults plus a full grown nestling on 20 Feb 1992 (MJC,OE) comprise the first records and the first breeding records of this species for Norfolk Is.

PROVIDENCE PETREL *Pterodroma solandri*

Breeding recorded on Philip Is in 1987, 1993 and 1994 (OE,HM,JH).

RED-TAILED TROPICBIRD *Phaethon rubricauda*

A census of Philip Is in Dec/Jan 1987/88 found 185 nests with chicks or with adults present (ANCA). A nestling c10 days old at Bloody Bridge in 1997 on the very late date of 2 June (AG).

WHITE-TAILED TROPICBIRD *Phaethon lepturus*

An adult seen at Anson Point on 9 Jan 1986 (JB).

AUSTRALASIAN GANNET *Morus serrator*

On Philip Is, four breeding pairs and one mated with a Masked Booby in Feb 1992 (MJC), three pairs in Sep 1994 (OE,BE) and a juvenile on 20 Feb 1995 (PBa). One at Slaughter Bay on 5-7 July 1996 (SC). A nestling banded on Philip Is in Dec 1994 was caught alive at Belops Is, New Caledonia in Jan 1996 (OE).

BROWN BOOBY *Sula leucogaster*

Two at Ball Bay on 15 July 1996 (MC), one at Kingston on 4 Oct 1996 and a juvenile dead at Bumbora on 6 Oct (HM). One at Point Hunter on 26 Nov 1997 (J&MB).

MASKED BOOBY *Sula dactylatra*

A nestling banded on Nepean Is was recovered c1900 km away in Tonga (ANPWS). Breeding noted on Norfolk Is, opposite Bird Rock, with four nests in Dec 1991 (AT), six nests in Nov 1993 (J&MM) and seven nests in Dec 1996 (J&MM). On 25 Feb 1997 the first sighting on route from New Zealand was c125 km SE of Norfolk Is (CJ).

GREAT CORMORANT *Phalacrocorax carbo*

Singles at Nepean Is on 28 Dec 1991 (AT), Cascade on 14 Nov 1993 (J&MM) and at Bumbora on 9 Oct 1995 (RW). A cormorant, probably this species, at Emily Bay on 18 Feb 1992 (PBa).

LITTLE BLACK CORMORANT *Phalacrocorax sulcirostris*

Four at Watermill Dam on 20 Mar 1995 (AG) and one near Bird Rock on 14 May 1995 (TW). One at Henry's Lake from 2 to 10 Nov 1997 (PD) and at Cascade on 21 Nov 1997 (J&MB).

LITTLE PIED CORMORANT *Phalacrocorax melanoleucos*

One at Kingston and Watermill Dam regularly from 16 June 1996 to 8 Jan 1997 (PD,AG,J&MM).

*GREAT FRIGATEBIRD *Fregata minor*

A sub-adult female seen over Philip Is on 21 Feb 1992 (MJC).

LEAST FRIGATEBIRD *Fregata ariel*

One off Rocky Point on 20 Feb 1989 (PG), eight at Gannet Point on 5 Aug 1990 (OE), one beach cast at Bumbora in Aug 1990 (HM), one at Bird Rock and Duncombe Bay between 23 Dec 1994 and 3 Jan 1995 (BB) and one at Duncombe Bay on 20 Jan 1997 (MC).

WHITE-FACED HERON *Ardea novaehollandiae*

Maxima of c60 at the airfield in June 1986 (BA) and 42 at Kingston on 6 July 1996 (BE). On Philip Is, two on 2 Apr 1996 (DG).

GREAT EGRET *Egretta alba*

One at Kingston on 2 and 9 Aug 1994 (GM), reported again on 29 Sep 1994 (NIFFS).

CATTLE EGRET *Bubulcus ibis*

Small numbers every year from 1985 to 1997 inclusive, excepting 1988, 1989 and 1992, with a maximum of 21 in Apr 1986 (TS), all between Mar and mid Nov except one on 24 Dec 1991 (AT); mainly at Kingston and Watermill Valley but recorded at several other localities (J&MB,RC,HC et al.).

ROYAL SPOONBILL *Platalea regia*

One near Red Road on 2 May 1990 (PBu) and reported at Kingston later the same month (NIFFS). One at Watermill Dam from 16 May to 20 June 1994 (MC) and two reported at Kingston and Bumbora from 24 June to 14 July 1994, which were subsequently shot (NIFFS).

YELLOW-BILLED SPOONBILL *Platalea flavipes*

One at Melanesian Mission Pool on 20 Apr 1987 (TS).

SPOONBILL *Platalea* spp.

Attention is drawn to a previously overlooked report that two Spoonbills were shot on Norfolk Is in 1854 (Downing 1859). Although the heads and feet were given to the Royal Society of Tasmania, the Tasmanian Museum has not been able to trace the specimens, or any reference to them, so it is not possible to identify the species concerned.

MARSH HARRIER *Circus aeruginosus*

Singles at several Norfolk Is localities from Sep 1986 to Apr 1987, in May and Aug 1988 and Apr 1992, five in July 1992 and three in Apr 1994, singles in Sep 1994, Apr, May and Dec 1996 and Apr 1997. On Philip Is, two in June 1992, three in Aug 1993 and two in Sep 1994 (MB,MC,OE et al.).

BUFF-BANDED RAIL *Rallus philippensis*

Heard at Cockpit on 20 Feb 1989 in response to taped Spotless Crake calls (RMW).

SPOTLESS CRAKE *Porzana tabuensis*

One heard at Headstone Creek on 5 Jan 1997 in response to taped calls (J&MM). Previous checks with taped calls at Cockpit in Feb 1989 (RMW) and at New Cascade Road and Douglas Drive in Nov 1993 (J&MM) evoked no response.

PURPLE SWAMPHEN *Porphyrio porphyrio*

Breeding records; a juvenile at Cascade Creek on 13 Dec 1987 (J&MM) and four chicks near Watermill Dam on 24 Feb 1989 (RMW).

BLACK-WINGED STILT *Himantopus himantopus*

Two at Watermill Dam on 8 Nov 1985 (TS), and four reported from late Nov to 12 Jan 1986 with three remaining until Apr and two until July (NIFFS). At Kingston, one on 28 July and 3 Aug 1995 (PD).

RED-NECKED AVOCET *Recurvirostra novaehollandiae*

Attention is drawn to a report, overlooked in previous Norfolk Is lists, that one was shot on Norfolk Is in early 1854 (Downing 1859). Although the specimen was given to the Royal Society of Tasmania it is not now held by the Tasmanian Museum nor has any record of it been traced in the museum registers. It is the only record for Norfolk Is.

***ORIENTAL PRATINCOLE** *Glareola maldivarum*

One at the airfield on 12 and 14 May 1988 (PS).

DOUBLE-BANDED PLOVER *Charadrius bicinctus*

In the Kingston/Slaughter Bay area, 19 on 23 July 1985 (AG), at least 25 on 25 June and in early July 1986 (MT), three on 1 May 1990 (PBu), up to four on 25 to 27 Feb 1992 (MJC,IE), 24 reported on 19 July 1994 (NIFFS), 14 on 6 July 1995 with 13 remaining to 6 Aug and nine until 12 Aug (PD), 21 on 25 June and 4 July 1996 (PD,NE), eight on 5 Apr and five on 6 Apr 1997, then 16 on 22 July 1997 (PD).

***LARGE SAND PLOVER** *Charadrius leschenaultii*

A winter plumage adult and an immature at Kingston from 25 to 31 Dec 1996 (IFJ&MM).

LESSER GOLDEN PLOVER *Pluvialis fulva*

Recorded annually, with a maximum of c100 at Kingston/Watermill Valley on 11 Dec 1987 (J&MM), and earliest and latest dates of 19 Aug 1995 (PD) and 26 Feb 1992 (MJC).

MASKED LAPWING *Vanellus miles*

Birds of the race *novaehollandiae* recorded at a number of localities including Kingston, Slaughter Bay, Longridge, Headstone, Melanesian Mission and the airfield with singles in spring 1990 and July 1993, two in Aug and Nov 1994, two in Apr and May, one in July and two in Nov 1995, three in May, four in July and one from Oct to Dec 1996, three in Jan, one in Apr, three in May and June and two in July 1997 (PBo,PF,PV et al.).

RUDDY TURNSTONE *Arenaria interpres*

Up to 50 recorded in the Kingston area in most years, with earliest and latest dates of 25 Sep 1994 and 15 Mar 1995. A winter record of five on 4 July 1996 (PD). On Philip Is, two on 20 Feb 1992 (MJC).

RED KNOT *Calidris canutus*

Singles at Kingston/Cemetery Bay area from 7 to 13 Dec 1987 (J&MM), 13-14 Nov 1993 (J&MM), 25 Mar 1995 (BE), 6 Oct 1995 (PD) and 20 Nov 1996 (PD).

CURLEW SANDPIPER *Calidris ferruginea*

At Kingston/Watermill Valley, one from 9 to 14 Dec 1987 (J&MM,SW).

SHARP-TAILED SANDPIPER *Calidris acuminata*

At Kingston, up to 11 from 6 to 25 Dec 1987 (J&MM,SW), singles on 24 Feb 1989 (RMW) and 23 Feb 1992 (MJC), five reported on 2 Oct and 20 on 8 Oct 1994 (NIFFS), three on 6 Oct 1995 (PD), one on 20 Nov 1996 (PD) and six on 20 Nov and two on 23 Nov 1997 (J&MB). Four at Duncombe Bay on 17 Oct 1996 (D&BA).

PECTORAL SANDPIPER *Calidris melanotos*

One in Watermill Valley on 9 Dec 1987 (J&MM) and three at Kingston from 26 Dec 1996 to 19 Mar 1997 with four on 1 Jan 1997 (PD,CJ,J&MM).

RED-NECKED STINT *Calidris ruficollis*

At Kingston, one from 6 to 14 Dec 1987 with two on 11 Dec (J&MM,SW), four reported on 2 and 8 Oct 1994 (NIFFS) and six on 22-23 Nov 1997 (J&MB).

EASTERN CURLEW *Numenius madagascariensis*

Singles reported in Sep 1990 (NIFFS), flying near the golf course on 9 Jan 1995 (PBo) and at Anson Bay on 28 Aug 1997 (MJT).

WHIMBREL *Numenius phaeopus*

At Kingston/Cemetery Bay area, up to 11 in Dec 1987, one in Jan 1988, one in Sep 1990, six in Dec 1991, five in Feb 1992, up to nine in Nov 1993, one in Dec/Jan 1994/95, one in Oct 1995, up to 26 in Dec/Jan 1996/97, seven in Feb and one in Nov 1997 (J&MB,PD,SW et al.). Elsewhere, two at Nepean Is and singles at Rocky Point and Botanic Garden in Dec 1991 (AT), singles at Mission Road in Feb 1992 (MJC), Cascade in Nov 1993 (J&MM), Anson Point in Dec 1994 (BB) and 17 reported near Point Vincent in Mar 1995 (NIFFS). All those identified to race were *variegatus* except for one *hudsonicus* at Kingston on 13 Dec 1987 (J&MM) and two there on 29 Dec 1996 (J&MM).

BAR-TAILED GODWIT *Limosa lapponica*

At Kingston/Watermill Valley, winter records of 12 on 25 June 1986 (MT), and three on 1 May 1990 (PBU); summer maxima of five in Dec/Jan 1987/88, six in Feb 1989, eight in Dec 1991, two in Feb 1992, seven in Nov 1993, three from Sep to Dec 1994, 12 in Mar 1995 and two in Oct 1995, eight in Nov 1996 to Jan 1997 and three in Nov 1997 (BB,MJC,PD et al.). Elsewhere, five at Duncombe Bay on 17 Oct 1996 (D&BA) and singles at Mission Pool in Nov 1996 (AG) and Nov 1997 (J&MB).

WANDERING TATTLER *Tringa incana*

At Cemetery and Slaughter Bays, one on 8 Dec 1987 (J&MM) and 4 Jan 1988 (SW), one from 19 to 23 Feb 1989 (RMW), two on 22 Feb and one on 25-26 Feb 1992 (MJC), two on 7 and 14 Nov 1993 (J&MM), one on 25 and 29 Dec 1996 and 3 Jan 1997 (J&MM), and two on 23 Nov 1997 (J&MB).

GREY-TAILED TATTLER *Tringa brevipes*

At Kingston/Cemetery Bay area, singles on 6 Dec 1987 (J&MM), 16 to 24 Feb 1989 (RMW), 1 May 1990 (PBU), 26 Feb 1992 (MJC), 10 Nov 1993 (J&MM), and 23 Dec 1994 to 3 Jan 1995 (BB), two on 19 Aug and 6 Oct 1995 (PD), one on 27-28 Dec 1996 and 2 Jan 1997 (J&MM). At Mission Pool, one in Oct 1995 (D&BA).

TATTLER *Tringa* spp.

Birds, not identifiable as to species, at Kingston/Cemetery Bay area:- up to five from 6 to 13 Dec 1987 (J&MM), one on 18 Feb 1992 (PBA), up to four from 3 to 15 Nov 1993 (J&MM), six on 14 May 1995 (TW), up to four from 25 Dec 1996 to 8 Jan 1997 (J&MM), one on 19 Mar 1997 (PD) and up to four from 16 to 25 Nov 1997 (J&MB).

COMMON SANDPIPER *Tringa hypoleucos*

One at Kingston and Point Hunter reef on 8, 12 and 13 Dec 1987 (J&MM).

GREENSHANK *Tringa nebularia*

At Kingston, one on 22 Nov 1977 (OE,BE) and one reported in Sep 1990 (NIFFS).

TEREK SANDPIPER *Tringa terek*

Seven at Kingston on 4 Oct 1996 (PD).

SOUTH POLAR SKUA *Catharacta maccormicki

A light phase adult found injured at Watermill Dam in late 1993 died and is now on display as a mounted specimen at the NIFFS Natureworld museum (AG).

ARCTIC SKUA *Stercorarius parasiticus

One offshore at Cascade on 29 Aug 1997 (MJT) and one at sea c35 km SE of Norfolk Is on 25 Sep 1997 (CJ).

POMARINE SKUA *Stercorarius pomarinus

One seen from the SS Felix Dzerjinski just off Norfolk Is on 28 Oct 1979 (MJC).
SKUA *Catharacta* or *Stercorarius* spp.

A skua, not specifically identified, c2 km N of Duncombe Bay on 2 July 1995 (JM).

SILVER GULL *Larus novaehollandiae*

An immature at Slaughter Bay in Jan 1987 (AE), one at Kingston on 19 Mar 1992 (PD) and three there from 17 Mar to 2 Apr 1997 with four on 3 Apr (PD). Singles at Anson Bay on 6 Dec 1997 (KC) and Slaughter Bay on 8 Dec (MC).

WHITE-WINGED TERN *Cblidonias leucopterus*

One at Point Hunter and the golf course area from 11 to 14 Dec 1987 (J&MM).

SOOTY TERN *Sterna fuscata*

In 1986/87 the Philip Is population was estimated by ANPWS at c8170 birds. Breeding censuses by ANPWS during 1986 to 1989 (based on eggs present after closure of the egg harvesting period) showed wide seasonal variation in fledging success *i.e.*:

	1986/87	1987/88	1988/89
No. of eggs	760	666	1037
No. of fledglings	220	27	570
fledging %	28.9	4.1	55.0

*CRESTED TERN *Sterna bergii*

One at Kingston/Slaughter Bay on 28 Feb and 4 Mar 1993 (PD).

NORFOLK ISLAND PARAKEET *Cyanoramphus novaehollandiae cookii*

Censuses by ANPWS of the wild population gave estimates of 32 birds in Dec 1988, 40 in Mar/Apr 1993 and c120 in 1997 compared with an estimate of 'just over twenty' at the commencement in 1983 of a recovery programme involving habitat improvement, predator control and the provision of nest-boxes. Since the introduction of an aviary breeding programme, in 1983, up to a further 12 birds have been held in captivity.

*ORIENTAL CUCKOO *Cuculus saturatus*

One at Duncombe Bay on 12 and 20 Jan and 3 Feb 1997 (MC).

SHINING BRONZE- CUCKOO *Chrysococcyx lucidus*

One dead at Middlegate on 24 Sep 1986 (ANPWS). Calls heard at Mount Pitt on 12 Nov 1993 (J&MM), Rocky Point Reserve between 23 Dec 1994 and 3 Jan 1995 (BB), Botanic Gardens on 17 Nov 1997 and Melanesian Mission on 23 Nov (J&MB). A juvenile being fed by a Norfolk Island Warbler (*Gerygone igata*) in 1976 (HM) is the only recent confirmation of breeding on Norfolk Is.

LONG-TAILED CUCKOO *Eudynamys taitensis*

One seen at Point Howe on 16 Dec 1991 (MC), one found dead in Apr 1994 (BE), singles heard between 7 Sep 1996 and 4 Jan 1997 at Duncombe Bay (D&BA), Palm Glen Road (CB), Collins Head (JMc) and Mount Bates (J&MM).

*CHANNEL-BILLED CUCKOO *Scythrops novaehollandiae*

In 1996, one at Cascade Road on 25 Oct (JA) and two at Rooty Hill Road (S&L Graham per MC).

NORFOLK ISLAND MOREPORK *Ninox novaeseelandiae undulata*

Surveys sponsored by ANPWS in 1985, 1986 and 1987 showed a single surviving bird, a female. Two male Moreporks (*N. n. novaeseelandiae*), the closest related owl, were released in Sep 1987 and, to offset the lack of natural nest hollows, c20 nest boxes were erected. A pair formed in 1988 and two female *undulata* x *novaeseelandiae* hybrids were fledged in Nov 1989, followed by a male and a female in 1990. A pair comprising two of these hybrid offspring fledged three chicks in June 1993 and two in 1994, 1995 and 1996. In 1996 a brother/sister pair from the 1993 brood reared a single chick and the Morepork paired with a female from the 1994 brood (his grand-daughter) and reared two young. The original Norfolk Island female has not bred since 1990 and the second introduced Morepork was last seen in Nov 1988. As only one of the 1995 fledglings survived, the population at the end of 1996 comprised the original female, 15 hybrids and one introduced male.

WHITE-THROATED NEEDLETAIL *Hirundapus caudacutus*

One found dead on Mount Pitt in early Dec 1992 (ANPWS) and one seen between Mount Pitt and Mount Bates on 26 Dec 1992 (PD).

FORK-TAILED SWIFT *Apus pacificus*

One at Duncombe Bay on 2 Jan 1988 (SW).

WELCOME SWALLOW *Hirundo tabitica neoxena*

Single birds seen on 20 Feb 1989 (RMW) and 19 Feb 1992 (PBa) leave January as the only month in which Swallows have yet to be reported on Norfolk Is.

*RICHARD'S PIPIT *Anthus novaeseelandiae*

One on 13 Apr 1984 (OE), and one on the airfield near Mission Road on 9 Dec 1996 (PS).

NORFOLK ISLAND SCARLET ROBIN *Petroica multicolor multicolor*

A survey made for ANPWS by Monash University in the 1987/88 and 1988/89 breeding seasons showed a population of at least 800 birds restricted to the National Park and adjoining forested areas. It was concluded that, although the Robins appeared to be maintaining their population size, the position was marginal and regular monitoring was needed.

SILVEREYE *Zosterops lateralis*

A survey made for ANPWS by Monash University in 1987/88 showed a population in the National Park of c1400 and that elsewhere it occurred in every site visited, including a pair on Philip Is, considerably outnumbering *Z. tenuirostris*.

LONG-BILLED WHITE-EYE *Zosterops tenuirostris*

A survey made for ANPWS by Monash University in 1987/88 showed a population of c1400 birds in the National Park and probably 300-500 at 11 other sites, but none on Philip Is.

WHITE-BREASTED WHITE-EYE *Zosterops albogularis*

One or two seen at Bumbora on several occasions in Sep 1987 (HM,J&PW), on 15 July 1991 (HM) and on four dates between Mar and Sep 1994 (HM). Two near Mount Pitt on 31 Dec 1991 (AT, identified by OE).

EUROPEAN GREENFINCH *Carduelis chloris*

On Philip Is, two on 20 Feb 1992 (MJC).

MASKED WOODSWALLOW *Artamus personatus

Two at Steeles Point on 8 July 1996 and six on 17 and 20 July (OE), four at Cutters Corn on 31 May 1997 (BS), then five at Taylors Road, two at Cascade Road and one at New Cascade Road in early Aug 1997 (MC).

WHITE-BROWED WOODSWALLOW *Artamus superciliosus

One at Steeles Point on 20 July 1996 (OE) and one at Taylors Road on 1 Aug 1997 (MC).

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LITERATURE CITED

- DOWNING, C.T. 1859. On Norfolk Island, its character and productions. Papers and Proceedings of the Royal Society of Tasmania 3 Part 2 195-212.
- HERMES, N.; EVANS, O.; EVANS, B. 1986. Norfolk Island birds: a review 1985. Notornis 33: 141-149.
- MOORE, J.L. 1985. Norfolk Island notes 1968 to 1984. Notornis 32: 311-318.
- PATTERSON, R.J. 1996. RAOU Records Appraisal Committee: Opinions and case summaries 1992-1995. Royal Australasian Ornithologists Union Report No.101. RAOU, Melbourne
- TURBOTT, E.G. (Convenor) 1990. Checklist of the birds of New Zealand and the Ross Dependency, Antarctica. Ornithological Society of New Zealand & Random Century, Auckland.