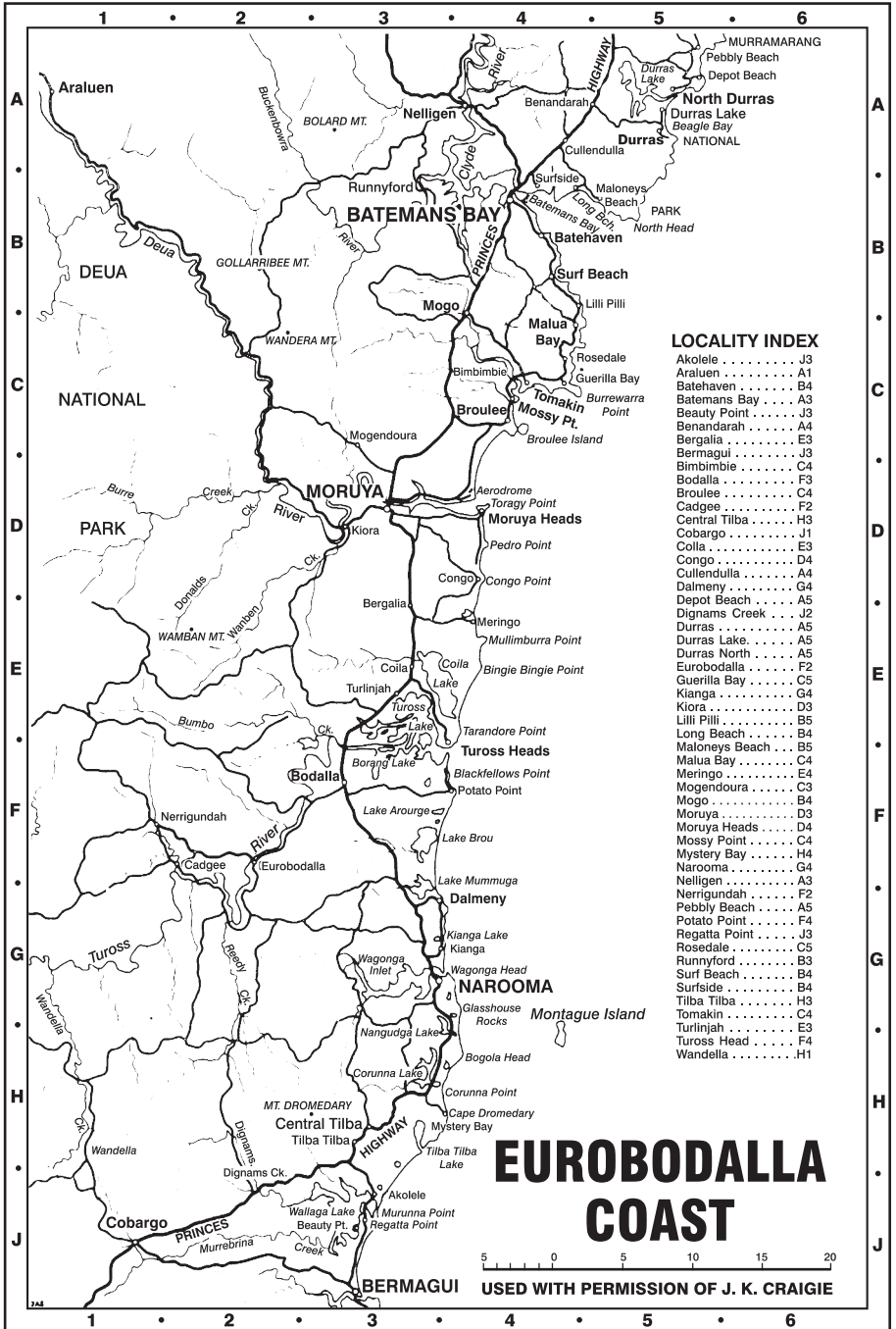


NATURE IN EUROBODALLA

Number 31 (2016)



Compiled by D Kay and J Morgan



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EUROBODALLA COAST

USED WITH PERMISSION OF J. K. CRAIGIE

EUROBODALLA NATURAL HISTORY SOCIETY

ANNUAL RECORD FOR 2016

The objects of the Society are to:

- Foster and encourage the study, enjoyment and conservation of the natural environment of the area;
- Arrange indoor meetings and field excursions for these ends;
- Encourage and train members in the keeping of records of the wildlife of the area;
- Prepare reports of these records from time to time;
- Liaise with other societies, organizations and individuals with similar interests.

COMMITTEE

Chair/Recorder: Julie Morgan
Secretary: Lyn Burden
Treasurer: Malcolm Griggs
Members: Fran Anderson
Mandy Anderson
Steven Benjamin
Lucy Gibson
David Kay
Gillian Macnamara

Annual Subscription
Single \$20, Family \$30, Under 18 \$5

Cover: A Peacock spider, *Maratus splendens*, recorded for the first time in the Shire in 2016. Photo J Collett.

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INTRODUCTION

It is a pleasure to introduce this thirty first edition of *Nature in Eurobodalla*, a report on the status of the fauna of the Eurobodalla Shire compiled from records submitted to the Eurobodalla Natural History Society during 2016. A map of the Shire is reproduced inside the front cover and a list of place name abbreviations used in the text appears inside the back cover.

Globally 2016 was the warmest year on record and the first six months of the year were the warmest on record for NSW, whilst December was the second warmest. This produced a number of temperature records in the Shire, mainly due to warmer nights (higher than average minimum temperatures) rather than hot days. In December Batemans Bay and Narooma both recorded their highest ever overnight minimum whilst Moruya had its highest since 1907.

Rainfall across the Shire was close to average, with the Bureau of Meteorology stations recording 911mm at Moruya Heads (5% above average), 1024mm at Narooma (12% above average) and 859 at Montagu Island (2% below average). January and June were especially wet, with 358mm at Coolagolite and 356mm at Moruya in January and 395 at Coolagolite and 341mm at Comerang in June. Weather stations at Narooma and Nelligen both recorded their wettest day on record on 6 June. May and August were the driest months with 6.5mm at Moruya in May and 7mm at Comerang in Aug.

During the year members of the Society again participated in the NSW Parks and Wildlife shorebird monitoring programs and in BirdLife Australia surveys for Swift Parrot. The latter provided valuable additional records from the forested areas in the west of the Shire. No off-shore field trip were undertaken during the year and records of pelagic species are therefore primarily from land-based observations.

Whilst no species of vertebrate new to the Shire were recorded in 2016, we did receive the first records of one butterfly – the Striped Xenica (*Oreixenica kershawi*) - and two species of Peacock spider *Maratus splendens* and *Maratus volans*. Some species not seen for many years were also recorded: a Black-tailed Godwit at Brou Lake in December

was only the second record for the species, the previous sighting being in 1992, whilst a Yellow-bellied Seasnake at Bingie in October was the first since 1995 and only the third record for the species. In addition a Rose-crowned Fruit-dove at Lilli Pilli in May was the first since 2002 and a Broad-billed Sandpiper at Tuross in February and Superb Fruit-dove at Cullendulla Creek in May were both the first since 2009.

The absence of sightings can sometimes be as interesting as their presence and a notable absentee in 2016 was the White-winged Triller. Although never common, the species has been reported in the months of January to March and August to December in most years, the last time it failed to appear in the records was in 2003.

This report is restricted to those species recorded during the year; species not recorded are not listed. An annotated list of all bird species recorded in the Eurobodalla since the inception of the Society in 1986 is available on the Society's website (www.enhs.org.au) and is updated annually to reflect new sightings. As noted in previous years, the records reflect the distribution of observers and their interests as much as the distribution of the fauna. However, despite these shortcomings the records provide a valuable qualitative assessment of the status of species in the Shire, enabling trends over the years to be evaluated.

As in other recent years, the vertebrate taxonomic sequence basically follows Clayton *et al* (2006), with the listing of birds following the BirdLife Australia checklist based on Christides and Boles (2008). Taxonomic references used in compiling this report are listed below.

Once again, my thanks go out to all contributors who have made this report possible. In particular I thank my co-complier, Julie Morgan, for her work as the Society's Recorder during the year. Thanks also to David Priddel *et al* for the 58th Annual Assessment of Shearwater Breeding on Montagu Island. A complete list of those who have contributed their observations during the year appears on the final page.

David Kay
September 2017

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BIRDS

CASUARIIDAE Emu

Emu *Dromaius novaehollandiae*

Status: introduced in 1993, small wild population established.

Two near the highway at TS river bridge on 10 Sep and at Brou L on 22 Dec. (FM/MA)

PHASIANIDAE Quail, pheasants

Stubble Quail *Coturnix pectoralis*

Status: uncommon breeding resident.

Up to 20 at Com in Dec, 2-10 in other months: 1 at MYA in Nov and at Comerang Mt in Dec. (JC/JM)

Brown Quail *Coturnix ypsilophora*

Status: uncommon breeding resident.

Up to 70 at Montagu Is in Mar; 2 at Deua R in Feb; 1 at MB in Mar; calls at Com in Dec.

ANATIDAE Swan, ducks

Plumed Whistling-Duck *Dendrocygna eytoni*

Status: vagrant.

Four at Com on 27 Jan, 1 on other days of Jan. (JC)

Musk Duck *Biziura lobata*

Status: uncommon breeding resident.

Two at Long Swamp on 28 Aug and at PS on 19 Nov; 1 at Jemisons Pt on 11 Jul. (FM/JM/MA)

Black Swan *Cygnus atratus*

Status: common breeding resident and bird of passage.

Widely reported throughout the year; up to 350 at Brou L in Dec; 250 at MHS in Apr, 200 in Mar, May and Jul-Aug; 65 at MYA in Jul; 60 at Com in Jun-Jul; 50 at MB in Jul; 35 at WL in Aug; 34 at Clyde R NP in Apr; no more than 25 at other locations.

Breeding: cygnets at MYA in Aug. (FM)

Australian Shelduck *Tadorna tadornoides*

Status: vagrant.

Two at Com in Jun-Aug, 1 in Feb and Apr-May. (JC)

Australian Wood Duck *Chenonetta jubata*

Status: common breeding resident.

Widely reported throughout the year; 150 at Com in Mar, 50-120 in other months; 40 at Kianga in May; 35 at MB in Apr; 30 at Bergalia and Coila L in Mar; 26 at Coila Ck in Nov; no more than 20 at other locations.

Breeding: dependent young in Oct-Dec.

Pink-eared Duck *Malacorhynchus membranaceus*

Status: vagrant.

Up to 80 at Com in Jan, 60 in May-Jun, 20-30 in Mar-Apr and Jul. (JC)

Australasian Shoveler *Anas rhynchos*

Status: uncommon winter migrant, has bred.

Up to 40 at Com in Mar, 20 in Apr-Jun, 8-10 in Jan-Feb and Jul; 1 at MYA in Jul. (JC/JM)

Grey Teal *Anas gracilis*

Status: breeding resident.

Reported throughout the year; 70 at Com in Sep, 50 in May and Jul-Aug, 10-30 in other months; 9 at NA in Jun, at MYA in Jul; 8 at MO in Apr; no more than 2 at other locations.

Breeding: dependent young at Com in Sep. (JC)

Chestnut Teal *Anas castanea*

Status: common breeding resident.

Widely reported throughout the year; 150 at Com in May, 100-120 in Jan-Feb and Jun-Aug; 80 at Trunketabella in Mar, at Kianga in May; 32 at MB in Feb; 30 at MO in Mar and at Coila L in Nov; 22 at MYA in Jul; no more than 20 at other locations.

Breeding: dependent young at Com in Jan, Aug and Oct. (JC)

Pacific Black Duck *Anas superciliosa*

Status: common breeding resident.

Widely reported throughout the year; up to 200 at Com in May, 100-150 in Jan-Apr and Jun-Aug; 20 at Eurobodalla Rd in Apr; 15 at Kianga in May; 6 at MB in Mar and Jul-Aug, at MO in Apr, at Bodalla in Jun and at Barlings Swamp in Oct; less than 5 at other locations.

Hardhead *Aythya australis*

Status: common resident and bird of passage.

Five at Com in Jun, 1-2 in Feb-May; 1 at NA in May. (FM/JC/MA)

PODICIPEDIDAE Grebes

Australasian Grebe *Tachybaptus novaehollandiae*

Status: common breeding resident.

Six at Com in Jun, 2-4 in other months; 4 at MO in Jul, at Long Swamp in Aug; 3 at BB in May; 2 at Eurobodalla Rd in Apr; 1 at ERBG in May and Barlings Swamp in Oct.

Hoary-headed Grebe *Poliiocephalus poliocephalus*

Status: breeding resident.

Twenty five at Com in Apr, 8 in May-Jun, 2-6 in Jan-Mar; 5 at MO in Jul, 2 in Apr, 1 in Jan; 2 at Long Swamp in Aug; 1 at Belowra in Apr.

COLUMBIDAE Pigeons, doves

Rock Dove *Columba livia*

Status: common breeding resident.

Established colonies at BB, MYA and NA; up to 50 at NA in Jun; 2 at Gulaga in Sep. (FM/MA)

White-headed Pigeon *Columba leucomela*

Status: common breeding resident.

Widely recorded in all months; up to 20 at MKS in Jan and Sep; 14 at Pedro in Feb; 12 at BI in Jun; 10 at DY in May; 8 at TS in Mar, at MB in May and Aug; 7 at Lilli Pilli in Apr and Aug; fewer than 5 at other locations.

Breeding: nesting at MYA in Aug. (FM)

Spotted Dove *Streptopelia chinensis*

Status: breeding resident.

Six at MB in Jun, 2-4 most other months; 5 at MYA in Apr, 1-3 in Jan-Mar; 2 at Kianga in Jan-Feb, at Broulee in Feb and Nov, at NA in Apr; 1 at DS in Jan, Oct and Dec, at Eurobodalla Rd in Apr and at Com in Dec.

Brown Cuckoo-Dove *Macropygia amboinensis*

Status: uncommon breeding resident and bird of passage.

Twenty at MKS in Aug, 12 in Jul; 7 at Lilli Pilli in Jul, 6 in Aug; 5 at Coolagolite in Oct; 4 at DS in Jan; no more than 2 at other locations.

Emerald Dove *Chalcophaps indica*

Status: vagrant.

One recorded at MB on 22 May. (MA)

Common Bronzewing *Phaps chalcoptera*

Status: common breeding resident.

Widely recorded in all months; up to 20 at MKS in May and Jul; 12 at Pedro in Jan-Feb and Dec; 8 at Bergalia in Feb-Mar; 7 at Com in May-Jun; 5 at Coolagolite in Aug, at Bodalla in Oct; no more than 4 at other locations.

Breeding: nesting at MKS in Aug-Sep. (SMG)

Brush Bronzewing *Phaps elegans*

Status: uncommon breeding resident.

Single birds recorded at Bodalla in Jan and Mar and at MO in Nov.

(MA/NM)

Crested Pigeon *Ocyphaps lophotes*

Status: common breeding resident.

Recorded in all months; up to 12 at Com in Jan, 2-10 in other months; 10 at Broulee in Aug, 8 in Feb; 6 at MB in Apr and Jun-Jul; 5 at MO in Apr; no more than 4 at other locations.

Peaceful Dove *Geopelia striata*

Status: breeding resident but becoming less common.

Four at Com in Aug, calls in Jan, Sep and Nov-Dec. (JC)

Bar-shouldered Dove *Geopelia humeralis*

Status: uncommon resident.

Five at Montagu Is in Mar; 1 at BP in Jan; calls at Cullendulla Ck in May and Jul. (DB/FM/JW/MC)

Wonga Pigeon *Leucosarcia picata*

Status: common breeding resident.

Widely recorded in all months, 1-2 or calls at most locations; 20 at Bodalla SF in Sep; 10 at Gulaga in Sep, 5 in May; 8 at MB in Jun, 6 in Mar and Oct; 6 at NA in Apr, 5 in Mar; no more than 4 at other locations.

Superb Fruit-Dove *Ptilinopus superbus*

Status: Vulnerable (NSW Schedule 2); vagrant.

One juvenile photographed at Lilli Pilli in May. (IAG)

Rose-crowned Fruit-Dove *Ptilinopus regina*

Status: Vulnerable (NSW Schedule 2); vagrant.

Call at Cullendulla Ck on 17 May. (DB)

Topknot Pigeon *Lopholaimus antarcticus*

Status: bird of passage.

Thirty five at PS on 24 Dec, 30 in Jun; 25 at BI SF in Aug; 20 at Bingie in Jun, at MKS in Dec; 17 at MO in Nov; 8 at Pedro in Sep; 2 at Com in Oct; 1 at TS in Jan.

PODARGIDAE Frogmouths

Tawny Frogmouth *Podargus strigoides*

Status: breeding resident.

Four at Pedro in Dec, 2 in Jun and Aug-Sep; 4 at MB in Dec; 2 at TS in Apr and Jun-Jul; 1 at MHS in Feb, at Com in Apr-May, at Coolagolite in Apr, at MO in Jul, at Gulaga in Sep; calls at MKS in Feb and Oct.

Breeding: dependent young in Dec, juveniles in Jan and Dec.

(JH/JS/MA)

EUROSTOPODIDAE Nightjars

White-throated Nightjar *Eurostopodus mystacalis*

Status: summer breeding migrant.

Up to 10 at PS in Dec, calls in Feb, Sep and Nov; 1 at Pedro in Feb-Mar; calls at Deua R in Feb, at MKS in Oct, at Womban in Nov.

Breeding: juvenile at PS in Dec. (JM)

AEGOTHELIDAE Owlet-nightjars

Australian Owlet-nightjar *Aegotheles cristatus*

Status: breeding resident.

One at Com in Jan, Mar-Apr and Aug-Oct, at Deua R in Jan and at Nelligen in Sep. (JC/JM/RS/AR)

APODIDAE Swifts

White-throated Needletail *Hirundapus caudacutus*

Status: summer migrant.

Reported in Jan-Mar and Nov-Dec; 100 at Com in Jan and Mar; 50 at Bergalia in Jan, at Malua Bay in Nov; 30 at MO in Jan and Dec; 20 at MKS in Jan; fewer than 20 at other locations; last record at Com on 30 Mar, first return at MO on 25 Nov.

DIOMEDEIDAE Albatrosses

Albatross sp

One off MO in May, off Broulee Is in Jul, off MB and WL in Aug.

Black-browed Albatross *Thalassarche melanophris*

Status: Vulnerable (NSW Schedule 2); common winter pelagic.

Up to 30 off Wasp Head on 23 Jul, 20 on 25 Jul. (DB)

Shy Albatross *Thalassarche cauta*

Status: Vulnerable (NSW Schedule 2); common winter pelagic.

Ten off Wasp Head on 23 Jul, 2 on 25 Jul; 2 off Montagu Is on 22 Mar. (DB/MC)

Yellow-nosed Albatross *Thalassarche chlororhynchos*

Status: common winter pelagic.

One off Wasp Head on 25 Jul. (DB)

Buller's Albatross *Thalassarche bulleri*

Status: occasionally recorded off the coast.

One off Wasp Head on 23 Jul. (DB)

PROCELLARIIDAE Petrels, shearwaters

Fairy Prion *Pachyptila turtur*

Status: common winter pelagic.

One off Wasp Head on 25 Jul. (DB)

Shearwater sp

Thousands off MB in Oct; numbers beachcast in Nov - 111 at Bengello Beach, 59 at MHS, 25 at CO and 10 at Coila L.

Wedge-tailed Shearwater *Ardenna pacifica*

Status: common breeding resident and summer migrant.

Small numbers of adults at Montagu Is in Mar; 5 beachcast at DS in Nov. (MC/J Coffey)

Breeding: chicks at Montagu Is in Mar. (MC)

Sooty Shearwater *Ardenna grisea*

Status: summer breeding migrant.

One chick at Montagu Is in Mar. (MC)

Short-tailed Shearwater *Ardenna tenuirostris*

Status: common summer breeding migrant.

Chicks at Montagu Is in Mar. (MC)

Fluttering Shearwater *Puffinus gavia*

Status: common pelagic.

One at Wasp Head on 25 Jul. (DB)

SPHENISCIDAE Penguins

Little Penguin *Eudyptula minor*

Status: common breeding resident.

One dead on beach at DS on 10 Nov. (J Coffey)

SULIDAE Gannets, boobies.

Australasian Gannet *Morus serrator*

Status: common winter migrant and bird of passage.

Twenty off WL in Aug; 20 off MB in Aug, 8 in Mar and May; 12 off BP in Jun; 8 off Kianga in Jun; 7 off MO in Jul; 2 off Broulee Is in Jul; few at Montagu Is in Mar.

ANHINGIDAE Darter

Australasian Darter *Anhinga novaehollandiae*

Status: breeding resident.

Single birds at Com in Feb-Apr, Aug and Nov-Dec, at Coila Ck in May and Oct and at MYA in Aug.

PHALACROCORACIDAE Cormorants

Little Pied Cormorant *Microcarbo melanoleucos*

Status: common breeding resident.

Reported in all months; 30 at Coila L in May, 15 in Nov; 25 at NA in May, 20 in Mar; 20 at Brou L in Dec; 18 at WL in Aug; 15 at MB in Jul, 12 in Aug; no more than 8 at other locations.

Great Cormorant *Phalacrocorax carbo*

Status: common resident.

Reported in all months; 55 overflying Bergalia in Jul; 30 at WL in Jan, at Coila L in Nov; 25 at MB in Dec; 20 at NA in Jul, at MO in Nov; 17 at Montagu Is in Mar; 15 at Brou L in Dec; fewer than 15 at other locations.

Little Black Cormorant *Phalacrocorax sulcirostris*

Status: common resident.

Reported in all months; 40 at Coila L in Nov; 14 at DS in Dec; 10 at MB in May; 8 at Com in Jan, at Coila Ck in Nov; 7 at MO in Nov; no more than 6 at other locations.

Pied Cormorant *Phalacrocorax varius*

Status: uncommon resident.

Four at Kianga in May, at Broulee in Sep; 3 at MO in Jan, 2 in Nov, 1 in Dec; 2 at MYA in May and Aug, at Coila L in May and Nov; 2 at WL in

Aug, 1 in Jan; 1 at MB in Feb and at NA in Feb-Mar.

PELECANIDAE Pelican

Australian Pelican *Pelecanus conspicillatus*

Status: common resident.

Widely reported in all months; 50 at NA in Jul, 30 in Mar and May; 30 overflying Kianga in Jul; 28 at Com in Feb; 25 at WL in Jan; 20 at TS in Mar-May, Jul and Dec, at Coila L in Nov; fewer than 15 at other locations.

ARDEIDAE Bitterns, herons, egrets

White-necked Heron *Ardea pacifica*

Status: breeding resident.

Nine at Com in Jul, 4 in Jan-Apr; 4 at Trunketabella in Jan-Feb; 3 at MYA in Jul; 1-2 at other locations.

Eastern Great Egret *Ardea modesta*

Status: common resident.

Thirty two at Com on 14 Jan, 10 in Feb; 6 at WL in Aug; 4 at MB in Mar-May, Aug and Oct; no more than 3 at other locations.

Intermediate Egret *Ardea intermedia*

Status: uncommon migrant.

Two at Com in Sep-Oct, 1 in Jan-Aug; 2 at MB in Mar, 1 in Feb; 1 at Mossy Pt in Apr.

Cattle Egret *Ardea ibis*

Status: common autumn-spring migrant.

Recorded Mar-Nov; 150 at MYA in Jul, 50 in Sep; 60 at Com in Mar, 34 in Oct; 14 at MB in Apr; 8 at BI in Apr; 6 at Eurobodalla Rd in Apr and at Tilba in May; fewer than 5 at other locations.

Striated Heron *Butorides striata*

Status: uncommon breeding resident.

One recorded at MYA in Jul and Nov. (JC/JM)

White-faced Heron *Egretta novaehollandiae*

Status: common breeding resident.

Widely reported in all months; 30 at Com in Jan-Feb, 20 in Mar and Jun-Aug; 25 at MB in May, 18 in Jul; 17 at Nangudga L in Aug, 13 in Mar; 12 at NA in May; 10 at Coila L in May and Nov, at Cullendulla Ck in Jul; fewer than 10 at other locations.

Little Egret *Egretta garzetta*

Status: common resident.

Twelve at Nangudga L in Feb, 11 in Mar; 6 at MB in Mar, May, Jul-Aug and Oct; 5 at WL in Aug; 4 at Eurobodalla Rd in Apr; no more than 3 at other locations.

Eastern Reef Egret *Egretta sacra*

Status: resident.

Three at MO in Nov, 2 in Dec; 2 at MB in Jan, Apr-Jun, Aug and Oct, at NA in May; singles at Bingie Pt in Jan-Apr, at WL in Jan, at Montagu Is in Mar, at Broulee Is, Cullendulla Ck and Wasp Head in Jul, at Long Beach in Oct, at Broulee and Coila L in Nov.

Nankeen Night Heron *Nycticorax caledonicus*

Status: uncommon breeding resident.

One recorded at Bumbo Ck on 9 Feb. (MA)

THRESKIORNITHIDAE Ibises, spoonbills

Australian White Ibis *Threskiornis molucca*

Status: common resident and winter-spring migrant.

Forty seven at MYA in Jul; 26 at Com in Jun; 18 at MB in Mar, 16 in Aug; 13 at Cullendulla Ck in Jul; 12 at Broulee in Jun and at WL in Aug; fewer than 10 at other locations.

Straw-necked Ibis *Threskiornis spinicollis*

Status: winter-spring migrant and bird of passage.

Up to 250 at Com in Apr, 200 in Jun-Jul; 250 at Trunketabella in Jul; 150 at MO in Apr; 120 at MYA in Jul, 100 in Aug; 60 at Eurobodalla Rd in Apr; 40 at Coila L in Mar; fewer than 15 at other locations.

Royal Spoonbill *Platalea regia*

Status: common resident.

Up to 42 at Com in Jan, 26 in Feb, 22 in Jun; 26 at NA in Jun and at MB in Aug; 17 at WL in Aug; 13 at MYA in Sep; no more than 10 at other locations.

ACCIPITRIDAE Osprey, kites, eagles, harriers, goshawks

Eastern Osprey *Pandion cristatus*

Status: Vulnerable (NSW Schedule 2); uncommon migrant.

Two at BB and Cullendulla Ck in May, 1 in Nov; 1 at NA in Feb-Mar and May, at TS in Feb and at Pedro Pt in Dec.

Breeding: nest building at BB in May. (JM/PHH/RS)

Black-shouldered Kite *Elanus axillaris*

Status: breeding resident.

Recorded in all months; 2 at MO and MB in Jul, at MYA in Nov and at Com in Nov-Dec; 1 at Bergalia most months, at MO in Mar, Jul, and Nov-Dec, at Eurobodalla Rd in Apr, at Kianga in May, at WL in Aug and at Trunketabella in Oct.

Breeding: juvenile at Com in Feb. (JC)

Square-tailed Kite *Lophoictinia isura*

Status: Vulnerable (NSW Schedule 2); uncommon spring-summer breeding migrant.

Singles at MB in Jan, Mar and Dec, at MKS in Jan, Aug and Dec, at PS in Feb, Aug, Oct and Dec, at Broulee in Aug, at Bodalla SF in Sep, at Coolagolite and MO in Dec.

White-bellied Sea-Eagle *Haliaeetus leucogaster*

Status: Vulnerable (NSW Schedule 2); common breeding resident.

Widely reported throughout the year; 6 at Montagu Is in Mar; 5 at NA in May; 4 at MB in May-Jun, Aug, Oct and Dec, at MO in Jul and at Com in Sep; no more than 3 at other locations.

Breeding: juveniles and immatures reported year round.

Whistling Kite *Haliastur sphenurus*

Status: breeding resident.

Reported in all months; 4 at NA in May; 3 at Com in May and Sep-Dec, at MB in Jun and Dec; no more than 2 at other locations.

Breeding: nesting at Com in Jul-Aug, dependent young in Sep-Dec. (JC)

Brown Goshawk *Accipiter fasciatus*

Status: breeding resident.

Reported in all months; 2 at Com in Jan and Nov, 1 in other months; 1 at MO in Jan, May, Sep and Nov-Dec, at PS and Monga NP in Feb, at Bingie in Apr and Jul and at Bergalia in Oct and Dec.

Collared Sparrowhawk *Accipiter cirrocephalus*

Status: breeding resident.

Single birds at MKS in Jan, at MO in Jan and Dec, at PS in Feb, at Clyde R NP and Com in Apr, at BP in Jun, at MB in Aug and at Gulaga in Sep.

Grey Goshawk *Accipiter novaehollandiae*

Status: breeding resident, both grey and white morph occurring.

Reported all months; 2 at PS in Oct-Nov, at Malua Bay in Nov; 2 at MO in Nov-Dec, 1 in Jan and Jun-Jul; singles at 10 other locations during the year.

Breeding: nest building at PS in Oct. (JM)

Spotted Harrier *Circus assimilis*

Status: Vulnerable (NSW Schedule 2); vagrant.

One at MYA in Apr. (MC)

Swamp Harrier *Circus approximans*

Status: breeding resident.

Single birds at Com in Jan-Apr, at MO in Jan and Nov, at BI in Jan, at Broulee in Feb, at Montagu Is in Mar and at Tilba in Sep.

Wedge-tailed Eagle *Aquila audax*

Status: common breeding resident.

Reported in all months; 3 at Coolagolite in Dec, 2 in Apr and Jul; 2 at Com in most months, at Pedro in Jan-Feb, at Deua R in Feb, at Clyde R NP in Apr, at Coila L in May, at MB in Jun-Jul and at MKS in Jul and Dec; single birds at 8 other locations during the year.

Breeding: juveniles reported at Monga NP in Feb and at PS in Dec. (FM/JM)

Little Eagle *Hieraaetus morphnoides*

Status: Vulnerable (NSW Schedule 2); uncommon breeding resident.

One at MO on 22 Jan. (NM)

FALCONIDAE Kestrel, hobby, falcons

Nankeen Kestrel *Falco cenchroides*

Status: common breeding resident.

Reported throughout the year; 4 at MB in Feb; 3 at Com in Dec, 1-2 in other months; 2 at Kianga in Jan-Feb, at MYA in Apr and Nov-Dec; single birds at 6 other locations during the year.

Breeding: nesting at Com in Oct, dependent young in Nov-Dec. (JC)

Brown Falcon *Falco berigora*

Status: breeding resident.

Reported throughout the year; 3 at Com in Dec, 2 in most other months; 1 at Bengello Beach and at Bodalla in Apr.

Breeding: dependent young at Com in Dec. (JC)

Australian Hobby *Falco longipennis*

Status: breeding resident.

Two at Deua R in Jan; 2 at Malua Bay in Feb, 1 in Sep; single birds at MO in Jan, at Com in Jan-Mar and Aug, at NA in May and at TS in Jul. Breeding: dependent young at Deua R in Jan. (RS/AR)

Peregrine Falcon *Falco peregrinus*

Status: uncommon breeding resident.

Four at PS in Jul, 1 in Nov; 2 at Com in Feb, 1 in most other months; 2 at Wasp Head in Jul; single birds at 7 other locations during the year Breeding: dependent young at Com in Feb. (JC)

RALLIDAE Rails, crakes, swamphen, moorhen, coot

Purple Swamphen *Porphyrio porphyrio*

Status: common breeding resident.

Recorded throughout the year; 20 at Com in May-Jul; 20 at ERBG in May, 8 in Jun; 13 at MO in Nov, 10 in Jan; 8 at MB in Apr; 7 at Long Swamp in Aug; 6 at Bergalia in Mar-Apr and Jun; no more than 5 at other locations.

Breeding: dependent young at MO in Jan and Nov-Dec, juvenile at MB in Dec. (MA/NM)

Lewin's Rail *Lewinia pectoralis*

Status: rare resident.

One reported at Bodalla on 12 Jan. (MA)

Buff-banded Rail *Gallirallus philippensis*

Status: rare breeding resident.

Up to 10 at TS in Nov, 8 in Sep, 1-4 most other months; a few at Montagu Is in Mar; 1 at Mogo in Jun.

Breeding: nesting in Oct, dependent young in Feb-Mar and Sep-Dec, juveniles Jan and Mar-Apr. (JH/MC)

Australian Spotted Crake *Porzana fluminea*

Status: rare resident.

One at Com on 13 Feb. (JC)

Dusky Moorhen *Gallinula tenebrosa*

Status: uncommon breeding resident.

Four at Com in Jan-Apr and Jun, 2 in May and Jul-Oct; 1 at Kianga in Mar and at NA in Apr.

Eurasian Coot *Fulica atra*

Status: common breeding resident.

Up to 120 at Com in Jun, 100 in Jan, 20-60 in Feb-May and Jul-Sep; 68 at Kianga in Jun, 10 in Jul-Aug; 20 at Coila L in May; 8 at NA in Oct; 6 at Eurobodalla Rd in Apr; 1 at MYA in Aug.

Breeding: dependent young at NA in Oct. (DHK)

BURHINIDAE Stone-curlews

Beach Stone-Curlew *Esacus magnirostris*

Status: Critically endangered (NSW Schedule 1A); vagrant.

Calling at Surfside on Dec 19. (DB)

HAEMATOPODIDAE Oystercatchers

Australian Pied Oystercatcher *Haematopus longirostris*

Status: Endangered (NSW Schedule 1); breeding resident.

Reported in all months; 20 at TS in Jan; 15 at WL in Feb, 10 in Aug; 11 at Brou L in Dec; 9 at NA in Mar, 8 in May; 7 at Coila L in Nov; 6 at Kianga in Jan-Feb, at MB in Jul, at DS in Oct-Nov; no more than 5 at other locations.

Breeding: nesting in Jan and Oct-Nov, dependent young in Oct-Nov. (PJP/J Coffey)

Sooty Oystercatcher *Haematopus fuliginosus*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Reported in all months except Sep; 15 at NA in Mar; 14 at Wasp Head in Jul; 12 at Broulee Is in Oct, 7 in Dec; 9 at Bingie in May; 8 at MB in May; 6 at MO in Jan; no more than 5 at other locations.

RECURVIROSTRIDAE Stilts

Black-winged Stilt *Himantopus himantopus*

Status: rare autumn-winter migrant and bird of passage.

Up to 20 at Com in Jan, 2-6 in Feb-Jun. (JC)

CHARADRIIDAE Lapwings, plovers, dotterels

Pacific Golden Plover *Pluvialis fulva*

Status: uncommon bird of passage.

Up to 5 at MB in Feb-Mar, 3 in Apr; 2 at TS in Feb and at Brou L in Dec.

Grey Plover *Pluvialis squatarola*

Status: uncommon bird of passage.

One at Brou L in Dec. (DB/GLM/JM/MA/M Griffith)

Red-capped Plover *Charadrius ruficapillus*

Status: common breeding resident.

Up to 100 at Brou L in Dec; 68 at TS in Feb; 20 at Bengello Beach in Apr-May; 12 at Coila L in Nov; 10 at NA in Apr; 8 at Bingie in May, at MB in Jun; no more than 5 at other locations.

Breeding: nesting in Nov-Dec, dependent young in Dec.

Double-banded Plover *Charadrius bicinctus*

Status: autumn-winter migrant.

Six at WL in Jul; 2 at MB in Mar, May and Oct. (MA)

Lesser Sand Plover *Charadrius mongolus*

Status: Vulnerable (NSW Schedule 2); rare bird of passage.

Two at TS in Jan. (PJP)

Greater Sand Plover *Charadrius leschenaultia*

Status: Vulnerable (NSW Schedule 2); rare bird of passage.

One at TS in Jan. (PJP)

Black-fronted Dotterel *Euseyornis melanops*

Status: uncommon breeding resident.

Up to 8 at Com in May, 6 in Jun, 2-4 in most other months; 3 at MO in Apr, 2 in Jan and Sep; 3 at Coila L in Nov; 2 at MYA in Jul; 1 at Brou L in Dec.

Hooded Plover *Thinornis rubricollis*

Status: Critically Endangered (NSW Schedule 1A); uncommon breeding resident.

Six at MB in Jan, 5 in May, 4 in Feb-Mar and 2 in Aug and Oct-Dec.

Breeding: nesting at MB in Nov-Dec, juveniles in Jan-Mar. (MA)

Red-kneed Dotterel *Erythrogonys cinctus*

Status: vagrant.

Up to 5 at Com in Jan; 1 at Long Swamp in Aug. (FM/JC)

Masked Lapwing *Vanellus miles*

Status: common breeding resident.

Widely reported in all months, usually pairs or small parties up to 6; 50 at Com in Jun, 40 in Jul, Oct and Dec; 30 at NA in Feb; 10 at MB in Mar, at TS in Apr and at MYA in Jul; 9 at DS in Jan; no more than 6 at other locations.

Breeding: nesting in Aug, dependent young Aug and Oct.

SCOLOPACIDAE Snipe, sandpipers and allies

Latham's Snipe *Gallinago hardwickii*

Status: uncommon summer migrant.

Four at Com in Feb, 1 in Jan and Mar; 1 at Coila Ck in Nov and at Coolagolite in Dec. (DO/FM/JC)

Black-tailed Godwit *Limosa limosa*

Status: Vulnerable (NSW Schedule 2); vagrant.

One photographed at Brou L on 28 Dec. (M Griffith)

Bar-tailed Godwit *Limosa lapponica*

Status: common summer migrant, some overwinter.

Up to 250 at NA in Oct, 75 in Mar; 40 at Brou L in Dec, 30 in Oct; 31 at TS in Feb; 11 at Coila L in Nov; 7 at Cullendulla Ck in Sep; 2 at MB in May; 1 at WL in Aug.

Whimbrel *Numenius phaeopus*

Status: summer migrant.

One at TS in Feb and Apr, at WL on 28 Aug. (FM/PJP)

Eastern Curlew *Numenius madagascariensis*

Status: common summer migrant, some overwinter.

Up to 45 at NA in Jul, 2 in Mar; 15 at TS in Feb; 5 at WL in Jan, 4 in Aug; 3 at Cullendulla Ck in Sep; 2 at Wasp Head in Jul; 1 at Brou L in Dec.

Grey-tailed Tattler *Tringa brevipes*

Status: uncommon summer migrant and bird of passage.

One at MB on 22 Feb, at Cullendulla Ck on 28 Oct and at CO on 20 Nov. (JM/MA/R Soroka)

Ruddy Turnstone *Arenaria interpres*

Status: uncommon summer migrant and bird of passage.

Three at Brou L in Dec, 2 in Oct; 2 at TS in Jan.

Great Knot *Calidris tenuirostris*

Status: Vulnerable (NSW Schedule 2); uncommon summer migrant and bird of passage.

Eight at NA on 12 Oct, 1 on 15 Apr; 2 at TS in Jan. (MA/PJP)

Red Knot *Calidris canutus*

Status: summer migrant and bird of passage.

Forty two at Brou L on 30 Dec, 15 on 21 Dec.

Sanderling *Calidris alba*

Status: Vulnerable (NSW Schedule 2); uncommon summer migrant and bird of passage.

Three at TS in Jan; 1 at Brou L in Dec. (DB/GLM/JM/PJP/M Griffith)

Red-necked Stint *Calidris ruficollis*

Status: summer migrant and bird of passage.

Up to 60 at Brou L in Dec; 23 in Oct; 1 at MO in Jan, at DS in Oct and at CO in Nov.

Sharp-tailed Sandpiper *Calidris acuminata*

Status: summer migrant and bird of passage.

Up to 30 at Com in Jan; 10 at Brou L in Dec, 1 in Oct; 3 at Coila L in Nov; 1 at TS in Jan.

Curlew Sandpiper *Calidris ferruginea*

Status: Endangered (NSW Schedule 1) summer migrant and bird of passage.

Twelve at Brou L on 25 Oct, 1 on 30 Dec. (DB/GLM/JM/A Harris/M Griffith)

Broad-billed Sandpiper *Limicola falcinellus*

Status: Vulnerable (NSW Schedule 2); vagrant.

One photographed at TS on 7 Feb. (PJP)

TURNICIDAE Button-quail

Painted Button-quail *Turnix varius*

Status: uncommon resident.

One at Cullendulla Ck on 3 Nov. (DB)

LARIDAE Gulls, terns

Sooty Tern *Onychoprion fuscata*

Status: vagrant.

Two at Surfside on 5 Jun. (DB)

Little Tern *Sternula albifrons*

Status: Endangered (NSW Schedule 1); summer breeding migrant.

Up to 60 at Brou L on 21 Dec, 30 on 30 Dec.

Breeding: nests with eggs and chicks and fledglings at Brou L in Dec.

Fairy Tern *Sternula nereis*

Status: rare summer breeding migrant.

Four at Brou L on 30 Dec.

Breeding: nesting at Brou L in Dec. (DB/GLM/JM/M Griffith)

Caspian Tern *Hydroprogne caspia*

Status: resident and bird of passage.

Eight at Coila L in Nov; 4 at Brou L in Dec, 3 in Oct; 2 at Kianga in May, at MB and WL in Aug, at NA in Oct and at DS in Dec.

Breeding: juvenile at DS in Nov. (J Coffey)

Whiskered Tern *Chlidonias hybrid*

Status: uncommon summer migrant.

One at Brou L on 30 Dec. (DB/GLM/JM/M Griffith)

White-fronted Tern *Sterna striata*

Status: common winter migrant.

Two at Wasp Head in Jul; 1 at MO in Jun and Jul. (DB/DHK/NM)

Common Tern *Sterna hirundo*

Status: uncommon summer migrant and bird of passage.

One photographed at Brou L on 28 Dec. (M Griffith)

Crested Tern *Thalasseus bergii*

Status: common breeding resident.

Up to 300 at Montagu Is in Mar; 150 at WL in Aug, 100 in Jan; 150 at MB in Oct, 100 in Aug; 40 at NA in Apr; 30 at Brou L in Dec; 26 at DS in Dec; 25 at Coila L in Nov; fewer than 20 at other locations.

Silver Gull *Chroicocephalus novaehollandiae*

Status: common breeding resident.

Reported in all months; 100 at Com in Jan; 60 at Broulee in Nov; 40 at MB in Feb, at Kianga in May; 30 at DS in Jan, at NA in Apr-May and at MYA in Jul; 25 at WL in Aug, at Brou L in Dec; 24 at BP in Jun; no more than 20 at other locations.

Breeding: juveniles at CO and Coila L in Nov. (FM/JM)

CACATUIDAE Cockatoos

Glossy Black-Cockatoo *Calyptorhynchus lathami*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Recorded throughout the year, normally in pairs or family groups of 3; 8 at Bodalla in Jan; 7 at Deua R in Feb; 6 at Pedro in Sep and Nov-Dec; 5 at MYA SF in Sep; 4 at MKS in Sep; 1-3 or calls at other locations.

Breeding: dependent young at PS in Oct and at MO in Dec. (JM/NM)

Yellow-tailed Black-Cockatoo *Calyptorhynchus funereus*

Status: common breeding resident.

Widely recorded in all months; up to 30 at MB in Jun, 20 in Dec; 25 at MO in Apr; 20 at Malua Bay in May, at Pedro in Jun; 16 at Broulee in Aug; 14 at MKS in Apr, at DS in Nov; 12 at Deua R in Apr; no more than 10 at other locations.

Breeding: juvenile at Com in Dec. (JC)

Gang-gang Cockatoo *Callocephalon fimbriatum*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Recorded in all months; up to 30 at Pedro and PS in May; 10 at Bergalia in Apr, at MKS in Aug; 8 at Jeremandra in Mar; 6 at Coolagolite in Feb, at Broulee in Nov; 5 at Monga NP in Feb; 4 at MB in Mar; 1-2 or calls at other locations.

Galah *Eolophus roseicapillus*

Status: common breeding resident.

Widely recorded in all months in pairs, small groups and large flocks; 90 at MB in Feb, 70 in Mar; 80 at Com in Mar, 60 in Apr-May; 25 at MYA in Feb; 24 at DY in May; 15 at WL in Aug, at Coila L in Nov; fewer than 15 at other locations.

Breeding: nesting at Com in Sep. (JC)

Little Corella *Cacatua sanguinea*

Status: common breeding resident.

Widely recorded in all months in pairs, small groups and large flocks; up to 200 at MYA in Jan-Jul, Sep and Nov; 100 at Com in May-Jun; 40 at Bergalia in Mar; 30 at NA in May, at Broulee in Nov; 25 at MB in Aug; 20 at Malua Bay in Jan, at TS in Mar and May; fewer than 15 at other locations.

Sulphur-crested Cockatoo *Cacatua galerita*

Status: common breeding resident.

Widely recorded in all months; up to 150 at Com in May, 100 in Apr and Jun; 40 at Kianga in Jan-Feb, at Malua Bay in Mar; 32 at Broulee in Jun; 30 at MB in Oct; no more than 20 at other locations.

Breeding: dependent young at Deua R in Feb. (RS/AR)

PSITTACIDAE Lorikeets, parrots

Rainbow Lorikeet *Trichoglossus haematodus*

Status: common breeding resident.

Widely recorded in all months; thousands at MHS in Mar; 200 at MYA

and PS in Mar, at Buckenbours Rd and NA in Apr; 150 at MKS in Apr; 120 at Broulee in Aug; 100 at MYA SF and Pedro in Mar, at Benandarah SF, BB and MB in May; fewer than 100 at other locations. Breeding: nesting at Clyde R NP in Apr. (FM)

Musk Lorikeet *Glossopsitta concinna*

Status: common breeding resident.

Recorded in all months; 360 at Benandarah SF, 320 at Boyne SF, 300 at Buckenbours Rd and 210 at Bodalla SF in May; 70 at MYA in Mar-Apr; 50 at NA in Apr; no more than 40 at other locations.

Little Lorikeet *Glossopsitta pusilla*

Status: Vulnerable (NSW Schedule 2); resident, has bred.

Recorded in all months except Dec; up to 800 at Boyne SF in May; 300 at Buckenbours Rd in Apr; 250 at Benandarah SF in May; 200 at Mogo SF in May; 140 at NA in Apr; 100 at BB in May; 60 at Pedro in Mar; no more than 40 at other locations.

Australian King Parrot *Alisterus scapularis*

Status: common breeding resident.

Singles, pairs and small groups widely recorded in all months; 80 at Com in Feb, 60 in Mar; 30 at MKS in May, 20 in Jan-Feb, Apr and Aug; 20 at MB in Mar and Jun; 10 at Deua R in Feb; fewer than 10 at other locations.

Breeding: dependent young at Malua Bay in Jan. (MW)

Crimson Rosella *Platycercus elegans*

Status: common breeding resident.

Widely reported in all months, usually in groups up to 6; 25 at Gulaga in May, 20 in Sep; 25 at MB in Jun, 15 in Mar; 14 at Broulee in Oct; 12 at Monga NP in Feb; 10 at Deua R in Feb and Apr, at PS in Feb, at Com, Pedro and TS in Mar; fewer than 10 at other locations.

Breeding: dependent young in Jan and Dec, juveniles in Feb. (FM/JC/J Coffey)

Eastern Rosella *Platycercus eximius*

Status: breeding resident.

Recorded in all months; 14 at Com in Jan, 8-12 most other months; 13 at MYA in Jul, 10 in Aug; 10 at Gulaga in Sep; 8 at Bergalia in Jan and Apr; 6 at MB in Jun and Aug; no more than 5 at other locations.

Breeding: dependent young at Com in Jan and Nov. (JC)

Swift Parrot *Lathamus discolor*

Status: Endangered (NSW Schedule 1); uncommon passage migrant.
Recorded in Apr-May only; up to 108 at Boyne SF in May; 15 at MHS in Apr; 8 at Benandarah SF in May; 4 at Bodalla SF in May; 2 at BB in May.

CUCULACIDAE Cuckoos

Eastern Koel *Eudynamys orientalis*

Status: summer breeding migrant.

Reported Jan-Feb and Sep-Dec; 4 at TS in Jan, 3 in Dec; 4 at Broulee in Oct; 3 at BP and MO in Jan, at MYA and Coila L in Nov; no more than 2 elsewhere; last record at MB on 23 Feb, first return at Bergalia on 23 Sep.

Breeding: young being fed by Noisy Friarbird at Malua Bay in Jan, by Red Wattlebird at TS in Jan and Dec. (JH/MW)

Channel-billed Cuckoo *Scythrops novaehollandiae*

Status: summer breeding migrant.

Reported Jan-Feb and Sep-Dec; 4 at Com in Dec, 3 in Jan; 1-2 or calls at many other locations; last record at Monga NP on 28 Feb, first return at Com on 18 Sep.

Horsfield's Bronze-Cuckoo *Chalcites basalis*

Status: summer breeding migrant.

Calls at MKS in Oct and at Com in Oct-Nov. (JC/SMG)

Shining Bronze-Cuckoo *Chalcites lucidus*

Status: summer breeding migrant and bird of passage.

Four at Gulaga on 17 Sep; 2 at MYA and PS in Nov; 1 at Com in Sep, calls in Oct-Dec; 1 at Nelligen in Sep, at CO in Oct and at MO in Nov-Dec; calls at MKS in Oct.

Fan-tailed Cuckoo *Cacomantis flabelliformis*

Status: common breeding resident.

Recorded each month except Jun; up to 5 at PS in Nov; 2 at Buckenbours Rd in Apr, at WL in Aug, at Gulaga in Sep and at Barlings Swamp in Oct; all other records of 1 or calls.

Brush Cuckoo *Cacomantis variolosus*

Status: summer breeding migrant.

Reported Jan-Feb and Oct-Dec; 3 at PS in Oct-Dec; 2 at Pedro in Jan-Feb and Dec; 1 at MO in Jan and Nov-Dec; calls at six other locations.

Breeding: juvenile at MO in Jan. (NM)

STRIGIDAE Hawk owls

Powerful Owl *Ninox strenua*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Three at Pedro in Feb, 1-2 in Jan, Mar-May and Jul-Aug; 2 at CO in Jul; 1 at NA in Dec; calls at six other locations.

Barking Owl *Ninox connivens*

Status: Vulnerable (NSW Schedule 2); uncommon breeding resident.

Two at Pedro in Jun, 1 in Feb; call at MB in May. (JS/MA)

Southern Boobook *Ninox novaeseelandiae*

Status: breeding resident.

Reported in all months except Aug; 2 at Cullendulla Ck in Jul; 1 or calls at 12 other locations.

TYTONIDAE Barn owls

Eastern Barn Owl *Tyto javanic*

Status: uncommon breeding resident.

One at Com in Jun-Aug, call in Sep; 1 at Pedro on 31 Aug. (JC/JS)

ALCEDINIDAE Kingfishers

Azure Kingfisher *Ceyx azureus*

Status: breeding resident.

Recorded each month; 11 at Bumbo Ck in Mar, 7 in Feb, 4 in May; 8 at Coila Ck in May, 4 in Jan; 2 at Com in Mar-May, 1 in other months; 2 at Deua R in Feb; 1 at MO in Jan and Apr, at MKS in Dec.

HALCYONIDAE Kookaburras, kingfishers

Laughing Kookaburra *Dacelo novaeguineae*

Status: common breeding resident.

Widely reported in all months as individuals or family groups; 20 at MB in Jan, 16 in Feb; 10 at Deua R in Feb, at PS in Feb-Mar; 8 at Pedro in Feb; 7 at Com in Nov; no more than 6 at other locations.

Breeding: nesting in Aug-Oct, dependent young in Jan and Nov-Dec. (JC/JH/NM)

Sacred Kingfisher *Todiramphus sanctus*

Status: summer breeding migrant; some may overwinter.

One or two widely recorded in Jan-Feb and Oct-Dec; 8 at PS in Nov, 4 in Dec; 6 at Com in Jan and Nov-Dec, at Pedro in Nov-Dec; no more than 2 elsewhere.

Breeding: nesting in Nov-Dec, dependent young in Jan. (JC/JM/RS/AR)

CORACIIDAE Dollarbird

Dollarbird *Eurystomus orientalis*

Status: summer breeding migrant.

Recorded in Jan-Feb and Sep-Dec; 8 at Com in Jan and Nov-Dec; 6 at MB in Jan, 4 in Oct; 4 at Malua Bay in Jan and Oct-Nov, at Bodalla in Jan, at Pedro in Dec; 3 at MO in Dec; no more than 2 at other locations.

Breeding: nesting in Oct-Dec, dependent young in Jan. (JC/MW)

PITTIDAE Pittas

Noisy Pitta *Pitta versicolor*

Status: vagrant.

One reported at Blackfellows Pt on 10 Jul. (ORN)

MENURIDAE Lyrebirds

Superb Lyrebird *Menura novaehollandiae*

Status: breeding resident.

Recorded in all months; 8 at Benandarah SF in May; 6 at Gulaga in May, 5 in Sep; 6 at Bumbo Rd in Jun; 4 at BI SF in May; 3 at Buckenboursa Rd in May; 1-2 or calls at other locations.

CLIMACTERIDAE Treecreepers

White-throated Treecreeper *Cormobates leucophaea*

Status: common breeding resident.

One or two widely reported in all months; 10 at Gulaga in Sep, 8 in May; 6 at Monga NP in Feb, at Clyde R NP in Apr; 5 at Deua R in Feb, at PS in Feb-Mar and Nov; no more than 4 at other locations.

Red-browed Treecreeper *Climacteris erythroptera*

Status: uncommon breeding resident.

Seven at Monga NP in Feb; 6 at Gulaga in Sep; 2 at CO in Sep; 1 at MO in Apr. (DHK/FM/JM/NM)

PTILINORHYNCHIDAE Catbirds, bowerbirds

Green Catbird *Ailuroedus crassirostris*

Status: breeding resident.

One at Gulaga on 12 May, at NA on 27 Dec. (JM/JMG/JS)

Satin Bowerbird *Ptilonorhynchus violaceus*

Status: common breeding resident.

Widely reported in all months, usually one to six; up to 15 at MB in May, 8-12 most other months; 12 at Bodalla in Apr; 10 at Deua R in

Feb, at Com in Feb-Mar and Sep; 10 at Gulaga in May, 8 in Sep; 8 at Coolagolite in Sep, at Broulee in Oct; no more than 8 at other locations.

MALURIDAE Fairy-wrens

Superb Fairy-wren *Malurus cyaneus*

Status: common breeding resident.

Widely reported in all months in family groups up to 10; 50 at Com in Jan-Feb and Aug, 30-40 in other months; 40 at PS in Feb-Mar; 36 at Broulee in Jun; 25 at Eurobodalla Rd in Apr; 24 at ERBG in Jun; 20 at DS and MO in Jul, at Barlings Swamp in Oct; no more than 15 at other locations.

Breeding: nesting in Jan and Sep-Nov, dependent young in Jan and Nov.

Variegated Fairy-wren *Malurus lamberti*

Status: breeding resident.

Reported in all months; up to 30 at PS in Feb-Mar, May and Dec, 20 in Aug and Nov; 10 at Deua NP in Mar, at MO in Apr and at Gulaga in Sep; 8 at MB in Feb and Aug, at DS in Nov; no more than 6 at other locations.

Breeding: nesting at MKS in Sep-Oct. (SMG)

Southern Emu-wren *Stipiturus malachurus*

Status: uncommon breeding resident.

Up to 8 at Candlagan Ck in Dec. (GLM/JM)

ACANTHIZIDAE Scrubwrens, gerygones, thornbills and allies

Pilotbird *Pycnoptilus floccosus*

Status: uncommon breeding resident.

Seven at Gulaga in May and Sep; 5 at Monga NP in Feb; 4 at Wandera SF in Sep; 2 at Bodalla SF in Sep.

Yellow-throated Scrubwren *Sericornis citreogularis*

Status: uncommon breeding resident in rainforest patches.

Four at Gulaga on 12 May. (JM/JS)

White-browed Scrubwren *Sericornis frontalis*

Status: common breeding resident.

Widely reported in all months; 20 at Gulaga in May, 16 in Sep; 6 at Com in Apr-Sep and Nov, at ERBG in May; 5 at Deua R in Feb; no more than 4 at other locations.

Breeding: nesting in Sep, juveniles in Jan-Feb. (FM/MA/SMG)

Large-billed Scrubwren *Sericornis magnirostra*

Status: uncommon breeding resident.

Twelve at Monga NP in Feb; 8 at Gulaga in Sep, 4 in May; 2-3 at Bodalla SF in Sep; 2 at NA in Apr, 1 in Dec.

Brown Gerygone *Gerygone mouki*

Status: common breeding resident.

Reported in all months; 20 at Gulaga in Sep; 16 at WL in Jan; 15 at Bodalla SF in Sep; 8 at MB in Jan and Aug, 6 in Feb-Apr, Jun and Dec; 6 at Bumbo Rd in Jun and at Bimbimbee in Aug; no more than 4 at other locations.

White-throated Gerygone *Gerygone albogularis*

Status: summer breeding migrant.

Six at Com in Nov-Dec, 2 in Jan and Oct; 1 at Deua NP in Mar, at Bodalla in Oct and at MO in Dec; calls at Coila L in Mar and Coila Ck Rd in Nov.

Striated Thornbill *Acanthiza lineata*

Status: breeding resident.

Widely reported in all months; 40 at Clyde R NP in Mar; 30 at Gulaga in Sep, 20 in May; 20 at MO in Jan, at PS in Feb-Mar and Nov-Dec, at CO in Mar, at Mogo SF in May, at Bumbo Rd in Jun and at Bodalla SF in Sep; fewer than 20 at other locations.

Breeding: nest with young at Bodalla SF in Sep. (FM)

Yellow Thornbill *Acanthiza nana*

Status: breeding resident.

Reported in all months; up to 20 at Com in Mar-Sep, at Cullendulla Ck in Jul; 20 at MYA in Nov, 14 in Jul; 10 at Coila L in Nov; 8 at MB in Feb and at Bergalia in Jun; no more than 5 at other locations.

Yellow-rumped Thornbill *Acanthiza chrysorrhoa*

Status: breeding resident.

Up to 20 at Com in Jan-Oct; 14 at MYA in Nov; 12 at MB in Apr, 10 in Feb; 8 at Bodalla in May; no more than 5 at other locations.

Breeding: nesting at Com in Aug. (JC)

Buff-rumped Thornbill *Acanthiza reguloides*

Status: uncommon breeding resident.

Eight at Bimbimbee in Apr; 4 at Nelligen in Sep. (JM)

Brown Thornbill *Acanthiza pusilla*

Status: common breeding resident.

Widely reported in all months; up to 20 at Com each month; 20 at MO in Jan, at PS in Mar and Nov, at Broulee Is and TS in Jul; 18 at Gulaga in Sep; 15 at WL in Jan, at MYA in Apr and Jul, at Bumbo Rd in Jun; 12 at MKS in Aug; no more than 10 at other locations.

Breeding: nesting in Jul-Oct, dependent young in Oct-Nov.

(JC/NMSMG)

PARDALOTIDAE Pardalotes

Spotted Pardalote *Pardalotus punctatus*

Status: common breeding resident.

One, two or calls widely reported in all months; 10 at Gulaga in Sep, 3 in May; 6 at MB in Apr; 4 at MO in Nov; 3 at Broulee in Sep; no more than 2 elsewhere.

Breeding: nesting in Sep-Dec. (GLM/SMG)

Striated Pardalote *Pardalotus striatus*

Status: breeding resident.

Four at MYA in Apr, 3 in Jul, 2 in Nov; 4 at Com in Sep, calls in Jan, Jul-Aug and Oct-Dec; 1 at Barlings Swamp in Oct; calls at TS in Jan-Feb.

MELIPHAGIDAE Honeyeaters

Eastern Spinebill *Acanthorhynchus tenuirostris*

Status: common breeding resident.

Widely reported in all months; up to 100 at MKS in Apr; 18 at MB in Jul, 8-15 most other months; 15 at Coila Ck Rd in Nov; 12 at Pedro in Aug; 10 at PS in Mar, at ERBG in May, at Gulaga in Jun and Sep; fewer than 10 at other locations.

Breeding: nesting in Feb, dependent young in Jan-Feb and Apr, juveniles in Jan-Mar and Oct.

Lewin's Honeyeater *Meliphaga lewinii*

Status: common breeding resident.

Widely reported in all months; 20 at Gulaga in Sep, 12 in May; 10 at Bumbo Rd in Jun; 7 at Bodalla SF in Sep; 6 at MB in Mar-Apr and Jul-Aug; no more than 4 at other locations.

Breeding: dependent young at Deua R in Feb. (RS/AR)

Yellow-faced Honeyeater *Lichenostomus chrysops*

Status: common breeding resident and summer migrant.

Widely reported throughout the year; thousands migrating north across the Clyde R in May; 700 at Mogo SF, 450 at Boyne SF and 400 at Benandarah SF in May; 280 at NA, 200 at BB and Com in Apr; 50 at Bimbimbee in Aug and at Gulaga in Sep; no more than 40 elsewhere.

Breeding: nesting in Jan and Oct, dependent young in Feb-Mar and Oct.

White-eared Honeyeater *Lichenostomus leucotis*

Status: autumn-winter migrant.

Reported Apr-Aug; 15 at Gulaga in May; 6 at NA in Apr; 5 at Bodalla SF in May; 4 at Clyde R NP in Apr, at MO in Apr and Jul; 3 at PS in Apr, at BB, Benandarah SF, ERBG and Mogo SF in May; no more than 2 at other locations.

Yellow-tufted Honeyeater *Lichenostomus melanops*

Status: uncommon breeding resident.

Up to 40 at Deua NP in Mar; 2 at Mogo SF in May; 2 at MKS in Sep, 1 in May; calls at Coolagolite in May.

Fuscous Honeyeater *Lichenostomus fuscus*

Status: uncommon winter migrant and bird of passage.

Reported in Jan, Mar-May and Aug-Sep; 120 at Boyne SF, 70 at Mogo SF and 60 at Benandarah SF in May; 50 at BB in Apr-May; 40 at Clyde R NP in Apr-May; 20 at Buckenbours Rd and MYA in Apr, at Bimbimbee in Aug; no more than 10 at other locations.

Bell Miner *Manorina melanophrys*

Status: common breeding resident.

Colonies reported at Belowra, Benandarah SF, Bodalla, Bodalla SF, Bumbo Rd, Clyde R NP, Comerang Mt, Eurobodalla Rd, Gulaga, MYA, NA and WL.

Little Wattlebird *Anthochaera chrysoptera*

Status: common breeding resident.

Reported in all months; 20 at DS in Jul, at Broulee in Nov; 15 at MO in Apr; 12 at Broulee Is in Jul, at Coila Ck Rd in Nov; 10 at BP in Jan, at MB in Jan, Mar and May-Jun, at BB in May, at WL in Aug, at Gulaga in Sep and at Malua Bay in Oct; fewer than 10 at other locations.

Breeding: dependent young at Coolagolite in Oct and DS in Nov. (DO/J Coffey)

Regent Honeyeater *Anthochaera phrygia*

Status: Critically Endangered (NSW Schedule 1A); rare summer-breeding migrant.

Two at Boyne SF on 23 May. (DB/JM)

Red Wattlebird *Anthochaera carunculata*

Status: common breeding resident and bird of passage.

Widely reported in all months; up to 360 at Boyne SF in May; 200 at Buckenbours Rd in May; 100 at MKS in Apr, at Com in May; 40 at Pedro in Mar; 30 at PS in Feb, at Broulee in Aug and at Gulaga in Sep; 25 at MYA in Jul; no more than 20 at other locations.

Breeding: nesting in Jul, dependent young in Jan and Nov. (FM/JL/JW/J Coffey)

White-fronted Chat *Epthianura albifrons*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Reported only from TS estuary; 3-4 in Jan. (PJP)

Scarlet Honeyeater *Myzomela sanguinolenta*

Status: summer breeding migrant and bird of passage.

Reported in all months; 50 at Buckenbours Rd in Apr; 25 at Coila Ck Rd in Nov; 20 at MKS and MYA in Apr, at Boyne SF in May; 14 at MB in Oct; 10 at Bimbimbee in May, at Malua Bay in Nov; no more than 6 at other locations.

Breeding: juveniles in Apr-May. (AM/JM)

Crescent Honeyeater *Phylidonyris pyrrhopterus*

Status: uncommon breeding resident, movement to coast in winter.

Recorded in Feb and Apr-Sep; 20 at Gulaga in Sep, 8 in May; 4 at Monga NP in Feb; 3 at Bodalla SF in May; 2 at Buckenbours Rd and ERBG in May, at Bumbo Rd in Jun; 1 or calls at 5 other locations.

New Holland Honeyeater *Phylidonyris novaehollandiae*

Status: common breeding resident.

Widely reported in all months; 250 at Mogo SF in May; 70 at MYA and NA in Apr; 25 at MB in Mar; 20 at BB in Apr, at Benandarah SF and Boyne SF in May, at ERBG in May and Jun, at Broulee in Aug and Oct-Nov, at Gulaga in Sep and at Malua Bay in Nov; fewer than 20 at other locations.

Breeding: nesting in Sep-Oct, dependent young in Feb. (MW/SMG)

White-cheeked Honeyeater *Phylidonyris niger*

Status: breeding resident in small localised colonies.

Ten at Bodalla SF in May; 5 at Bimbimbee in Aug; 4 at Monga NP in Feb, at Coila Ck Rd in Nov; 2 at MKS in Sep, 1 in Oct; 1 at MO in Dec.

Brown-headed Honeyeater *Melithreptus brevirostris*

Status: uncommon summer breeding migrant.

Recorded in all months; 15 at Mogo SF in May; 10 at Benandarah SF in May; 8 at Com in Jan, Mar-Apr and Jul, 4-7 in other months; 7 at MO in Nov; 4 at Bumbo Rd in Jun, at MKS in Sep; no more than 2 at other locations.

Breeding: dependent young at Com in Jan-Mar. (JC)

White-naped Honeyeater *Melithreptus lunatus*

Status: breeding resident and bird of passage.

Recorded in all months; 170 at Boyne SF in May; 70 at Benandarah SF in May; 60 at Clyde R NP in May; 40 at BB in Apr; 30 at Bimbimbee in May and Aug, at Mogo SF in May and at Bumbo Rd in Jun; no more than 20 at other locations.

Noisy Friarbird *Philemon corniculatus*

Status: summer breeding migrant and bird of passage, often overwinters.

Recorded in all months; 200 at Buckenboursa Rd in May, 100 in Apr; 130 at Benandarah SF in May; 100 at PS in Mar, at MKS in Apr, at Mogo SF in May; 60 at Pedro in Mar, at Com in Apr; 50 at MYA in Mar-Apr, at Bimbimbee in Apr, at Boyne SF in May; fewer than 50 at other locations.

Breeding: nesting in Oct, dependent young in Feb, Sep and Dec. (JC/MW/SMG)

EUPETIDAE Whipbird, Spotted Quail-thrush

Spotted Quail-thrush *Cinlosoma punctatum*

Status: breeding resident.

Three at Bodalla SF and Mogo SF in May; 1 at Bimbimbee and Coolagolite in Apr, at Clyde R NP in May. (AM/DO/DSD/JM)

Eastern Whipbird *Psophodes olivaceus*

Status: common breeding resident.

Widely reported in all months; 20 at Gulaga in Sep; 10 at MB in Feb, 4-8 most other months; 9 at Broulee in Oct, 8 in Nov; 8 at Monga NP in Feb; 4 at Deua R in Feb, at NA in Apr, at Lilli Pilli in May, at Bimbimbee in Aug; 1-3 or calls at other locations.

Breeding: dependent young in Jan and Oct-Nov, juveniles in Feb, Apr, Jun and Aug-Sep.

NEOSITTIDAE Varied Sittella

Varied Sittella *Daphoenositta chrysoptera*

Status: Vulnerable (NSW Schedule 2); breeding resident.

Recorded in all months except Jun; 7 at Deua NP in Mar; 6 at Com in most months; 5 at Bergalia in Feb, at MYA in Aug, at Bodalla SF and Gulaga in Sep; 3 at Bingie in Mar, at MO in Apr; 2 at Malua Bay in Dec. Breeding: nesting at Com in Sep, dependent young in Oct. (JC)

CAMPEPHAGIDAE Cicadabird, cuckoo-shrikes, triller

Black-faced Cuckoo-shrike *Coracina novaehollandiae*

Status: common breeding resident.

Widely reported in all months, usually 1 or 2; 6 at Com in Jan and Nov, 2-4 in other months; 6 at Eurobodalla Rd in Apr; 5 at MYA in Nov; no more than 4 at other locations.

Breeding: nesting in Oct-Nov, dependent young in Jan and Dec. (MW)

White-bellied Cuckoo-shrike *Coracina papuensis*

Status: uncommon breeding resident and bird of passage.

Two at MKS in Jan, at Com in Jan and Nov, at PS in Feb-Mar and Oct; 1 at MYA in Jul-Aug, at Nelligen in Sep and at CO in Oct.

Cicadabird *Coracina tenuirostris*

Status: summer breeding migrant.

Two at PS in Nov; calls at MKS in Jan-Feb, Oct and Dec, at PS in Feb-Mar and Dec, at Malua Bay in Nov-Dec and at Comerang Mt in Dec.

PACHYCEPHALIDAE Whistlers and allies

Crested Shrike-tit *Falcunculus frontatus*

Status: breeding resident.

Two at Deua R in Feb, 1 in Jan; 2 at Bimbimbee in Aug, at Bodalla SF and Gulaga in Sep; 1 at Wandera SF in Sep; call at Monga NP in Feb.

Olive Whistler *Pachycephala olivacea*

Status: Vulnerable (NSW Schedule 2); uncommon breeding resident.

One at Gulaga in Sep and at NA in Nov. (JM)

Golden Whistler *Pachycephala pectoralis*

Status: common breeding resident.

Widely reported in all months; 20 at Gulaga in May, 14 in Sep; 6 at Com in May and Aug, 4 in other months; 5 at PS in Mar, at MO in Apr; 4 at

MB in Mar-Jun and Aug, at Clyde R NP and Malua Bay in Apr, at Bodalla SF in Sep and at Pedro in Dec; no more than 3 at other locations.

Breeding: nesting in Oct, dependent young in Feb, juveniles in Apr. (FM/JL/SMG)

Rufous Whistler *Pachycephala rufiventris*

Status: summer breeding migrant.

Twelve at Com in Nov-Dec, 8 in Oct; 12 at Coila Ck in Oct, 5 in Nov; 8 at PS in Nov, 6 in Mar and Dec; 3 at MO in Jan and Nov, at Comerang Mt in Dec; no more than 2 at other locations.

Grey Shrike-thrush *Colluricincla harmonica*

Status: common breeding resident.

Widely reported in all months, usually 1 or 2; 9 at Gulaga in Sep; 8 at MYA in Nov; 7 at Com in Jul, 6 in Aug; 6 at Eurobodalla Rd in Apr; 5 at Deua R in Feb; 4 at MO in Jan, at MYA in Jul, at Bimbimbee in Aug; no more than 3 at other locations.

Breeding: nesting in Sep-Oct and Dec, dependent young in Jan, juveniles in Jul.

ORIOLIDAE Figbird, oriole

Australasian Figbird *Sphecotheres vieilloti*

Status: breeding resident and summer breeding migrant.

Fifteen at PS in Dec; 10 at MYA in Feb-Mar, 5 in Oct; 4 at Coila L in Nov; 3 at BB in Nov; 1 at BP in Jan.

Breeding: dependent young at BB in Nov, juveniles at PS in Dec. (GLM/JM)

Olive-backed Oriole *Oriolus sagittatus*

Status: summer breeding migrant; some overwinter.

Reported in all months; 5 at PS in Nov; 4 at Com in Jan, 3 in Feb; 3 at Deua NP in Mar, at Comerang Mt in Dec; 1-2 or calls at other locations.

Breeding: dependent young at Com in Feb, juvenile in Jun. (JC)

ARTAMIDAE Butcherbird, magpie, currawongs, woodswallows

White-breasted Woodswallow *Artamus leucorhynchus*

Status: uncertain.

Six at PS in Apr; 2 at Coila Ck Rd and MYA in Nov. (FM/JC/JM)

Dusky Woodswallow *Artamus cyanopterus*

Status: Vulnerable (NSW Schedule 2); summer breeding migrant.

Up to 25 at Eurobodalla Rd in Apr; 5 at Gulaga in Sep; 4 at NA in May; 3 at Deua NP in Mar; 2 at Coolagolite in Mar; 1 at BB in Apr, at MYA in Nov.

Grey Butcherbird *Cracticus torquatus*

Status: common breeding resident.

Widely reported with 1-2 at most localities throughout the year; 6 at Broulee in Sep-Oct; 5 at Com in Jan, Sep and Nov-Dec, at PS in Feb-Mar, at Belowra in Apr and at MYA in Jul; 4 at TS in Jan and Dec, at MB in Mar-Apr, at MO in Jul, at Coila L in Nov; no more than 3 at other locations.

Breeding: nesting in Sep-Oct, dependent young in Jan, Apr and Nov-Dec. (JC/JH)

Australian Magpie *Cracticus tibicen*

Status: common breeding resident.

Widely reported throughout the year; up to 80 at Com in Jul and Oct, 30-70 in other months; 67 at MYA in Jul, 46 in Nov; 30 at MB in Mar, 25 in Jan; 30 at MO in Nov, 25 in Jan; fewer than 20 at other locations.

Breeding: nesting in Aug-Sep, dependent young in Jan and Oct-Dec.

Pied Currawong *Strepera graculina*

Status: common breeding resident.

Widely reported all year; up to 60 at Com in Jun; 50 at MB in Aug; 20 at PS in Mar and Nov, at Gulaga in May; 16 at Coolagolite in Mar, at Pedro in Dec; 11 at Clyde R NP in Apr; 10 at TS in Apr-May and Jul, at NA in Apr; fewer than 10 at other locations.

Breeding: nesting in Sep, dependent young in Jan. (DHK/JH/SMG)

Grey Currawong *Strepera versicolor*

Status: uncommon resident and winter migrant to coast.

One at Malua Bay in Oct. (MW)

DICRURIDAE Drongo

Spangled Drongo *Dicrurus bracteatus*

Status: uncommon autumn-winter migrant.

One at Monga NP on 28 Feb. (FM)

RHIPIDURIDAE Fantails

Rufous Fantail *Rhipidura rufifrons*

Status: summer breeding migrant.

Recorded Jan-May and Nov; 6 at Monga NP in Feb; 2 at NA in Feb; singles at Deua R and WL in Jan, at MKS in Feb, at Jeremandra, MYA, NA, PS and TS in Mar, at Bingie and MO in Apr, at TS in May and at MO in Nov.

Grey Fantail *Rhipidura albiscapa*

Status: common breeding resident.

Widely reported throughout the year; 30 at Com in Mar, 25 in Jan; 20 at Deua NP in Mar, at Gulaga in Sep; 12 at Jeremandra in Mar, at Bodalla SF in Sep; 10 at Monga NP in Feb, at PS in Mar and Nov, at MO in Apr; fewer than 10 at other locations.

Breeding: nesting in Oct and Dec, dependent young in Jan and Oct-Nov. (JC)

Willie Wagtail *Rhipidura leucophrys*

Status: common breeding resident.

Widely reported in all months, 1-4 at most sites; 20 at Com in Jan-Mar, 10-16 in other months; 12 at MYA in Nov; 8 in Jul; 10 at Belowra in Apr; 6 at Eurobodalla Rd in Apr, at Coila Ck Rd in Nov; no more than 4 at other locations.

Breeding: nesting in Sep-Oct, dependent young in Jan and Nov-Dec. (JC/MA)

CORVIDAE Ravens

Australian Raven *Corvus coronoides*

Status: common breeding resident.

Widely reported throughout the year; 40 at Coolagolite in Apr; 22 at MYA in Jul; 20 at Com in Aug, 10 in Apr-May, Sep-Oct and Dec; 10 at Malua Bay in Mar, at MO in Jul; fewer than 10 elsewhere.

Breeding: nesting at MO in Jul. (NM)

Little Raven *Corvus mellori*

Status: uncommon resident and winter migrant to coast.

Up to 150 at Com in Aug, 70 in May, 20 in Jan; 30 at MYA in Jul; 4 at MB in Mar; 2 at BB in Apr.

MONARCHIDAE Monarchs, flycatchers.

Leaden Flycatcher *Myiagra rubecula*

Status: summer breeding migrant.

Recorded Jan-Mar and Oct-Dec; 6 at PS in Nov, 2 in Feb, call in Mar; 5 at MO in Jan, 2 in Nov-Dec; 2 at Bergalia in Feb, 1 in Jan; 2 at MYA in Dec; 1 at Montagu Is in Mar; calls at MKS in Jan, Oct and Dec, at CO in Oct and at Coila Ck Rd in Nov.

Breeding: nesting at MYA in Dec, dependent young at MO in Jan. (LB/NM)

Satin Flycatcher *Myiagra cyanoleuca*

Status: vagrant.

One at Cullendulla Ck on 3 Nov. (DB)

Restless Flycatcher *Myiagra inquieta*

Status: breeding resident and winter migrant to coast.

Recorded in all months; 2 at Com in Jan-Apr and Aug-Dec, 1 in May-Jul; singles at Belowra in Apr and at Bergalia in Jun-Jul.

Breeding: nesting at Com in Sep-Oct. (JC)

Black-faced Monarch *Monarcha melanopsis*

Status: summer breeding migrant.

Recorded Jan-Mar and Sep-Dec; 5 at WL in Jan; 3 at MO in Jan; 2 at Deua R in Jan-Feb, at Com in Feb and Nov, at Bumbo Ck in Feb; singles at MB in Jan-Feb, at Gulaga in Sep and at Bodalla in Dec; last record at Bumbo Ck on 12 Mar, first return at Gulaga on 25 Sep.

Magpie-lark *Grallina cyanoleuca*

Status: common breeding resident.

Widely reported throughout the year; 10 at Com in Jan and May, 6-8 in other months; 6 at MB in May-Jun, 5 in Mar; 5 at TS in Dec; 4 at Monga NP in Feb, at MYA in Mar-May and Jul, at Eurobodalla Rd in Apr, at Bergalia in Jun-Jul and at Broulee in Aug; no more than 3 at other locations.

Breeding: nesting at Com in Oct-Dec, dependent young at TS in Dec. (JC/JH)

CORCORACIDAE White-winged Chough

White-winged Chough *Corcorax melanorhamphos*

Status: breeding resident.

Up to 17 at Com in Jun; 14 at Pedro in May; 12 at Bodalla in Jul; 11 at PS in Mar and Nov-Dec; 10 at MB in Jul; 9 at MO in Apr; 8 at

Coolagolite in Jan and Apr; no more than 7 at other locations.
Breeding: nesting in Sep, dependent young in Nov. (JC/JM)

PETROICIDAE Robins

Jacky Winter *Microeca fascinans*

Status: breeding resident.

Recorded in all months; 10 at Com in Sep, 4-8 in other months; 6 at Eurobodalla Rd in Apr; 4 at MO in Apr, at Bodalla in Jun, at Bergalia in May-Jun and Oct; no more than 3 at other locations.

Scarlet Robin *Petroica boodang*

Status: Vulnerable (NSW Schedule 2); uncommon breeding resident and winter migrant to coast.

Recorded Apr-Jul; 2 at PS in Apr, 1 in May; 2 at BB and CO in May; 2 at Bergalia in May-Jun, 1 in Apr and Jul; singles at Clyde R NP and Malua Bay in Apr, at Bodalla in Jul.

Flame Robin *Petroica phoenicea*

Status: Vulnerable (NSW Schedule 2); rare breeding resident.

Two juveniles at Montagu Is in Mar; 1 at Com in Aug. (JC/MC)

Rose Robin *Petroica rosea*

Status: uncommon local breeding resident and winter migrant to coast.

Recorded all months except May; 4 at Com in Aug, 1-2 or calls most other months; 2 at Deua NP in Mar, at MYA in Apr, at DS and MO in Jul, at Gulaga and Wandera SF in Sep; 1 or calls at 8 other locations.

Eastern Yellow Robin *Eopsaltria australis*

Status: common breeding resident.

Widely reported in all months with 1-4 at most locations; 14 at Gulaga in Sep; 10 at ERBG in May; 9 at Clyde R NP in Apr; 8 at MO in Jan, at MB in Mar, at MKS in Oct; 6 at Com in Apr; no more than 5 at other locations.

Breeding: nesting in Sep-Oct, dependent young in Feb and Sep.

CISTICOLIDAE Cisticolas

Golden-headed Cisticola *Cisticola exilis*

Status: uncommon breeding resident.

Up to 10 at Com in Dec, 4 in May, calls in most other months; 1 at Coila Ck Rd in Nov; recorded at Montagu Is in Mar. (FM/JC/MC)

ACROCEPHALIDAE Reed-Warblers

Australian Reed-Warbler *Acrocephalus australis*

Status: summer breeding migrant.

Recorded in Jan-Feb, Oct-Dec; 2 at PS in Nov, at Comerang Mt in Dec; 2 at Com in Dec, 1 in Feb; 1 at MO in Jan, at Barlings Swamp in Oct.

MEGALURIDAE Grassbirds, songlarks

Little Grassbird *Megalurus gramineus*

Status: uncommon resident, probably breeding.

Two at Com in May, at PS in Nov; recorded at Montagu Is in Mar.
(JC/JM/MC)

Rufous Songlark *Cincloramphus mathewsi*

Status: uncertain.

One at Com on 9 Dec. (JC)

TIMALIIDAE Silvereye

Silvereye *Zosterops lateralis*

Status: common summer breeding migrant and bird of passage.

Widely reported in all months; no more than 20 at all locations in Jan-Feb, large flocks migrating through the Shire in Mar-Jul, numbers then reducing to 15 or less at all locations in Aug-Dec.

Breeding: dependent young at Com in Jan. (JC)

HIRUNDINIDAE Swallows, martins

Welcome Swallow *Hirundo neoxena*

Status: common breeding resident and summer breeding migrant.

Widely reported throughout the year; up to 80 at Com in Mar-Apr, 20-70 in other months; 60 at MO in Jan; 56 at MYA in Jul; 40 at Eurobodalla Rd in Apr; 30 at BP in Jan, at MB in Jun; no more than 20 at other locations.

Breeding: nesting in Sep-Nov, dependent young in Oct-Dec.

Fairy Martin *Petrochelidon ariel*

Status: spring/summer breeding migrant.

Recorded at WL on 28 Aug. (FM)

Tree Martin *Petrochelidon nigricans*

Status: resident and summer breeding migrant.

Up to 100 at Com in May, 80 in Mar, 10-60 in other months; 60 at BP in Jan; 39 at MYA in Nov, 20 in Apr; 20 at MB in Jun; 12 at Eurobodalla Rd in Apr; 10 at Gulaga in Sep; fewer than 5 at other locations.

TURDIDAE Thrushes

Bassian Thrush *Zoothera lunulata*

Status: uncommon breeding resident.

Six at ERBG in Nov; 2 at Cullendulla Ck in July and Sep; 1 at Lilli Pilli in Apr-May, at Bodalla SF in May and at Gulaga in Sep.

Breeding: dependent young at Cullendulla Ck in Sep. (DB)

Common Blackbird *Turdus merula*

Status: breeding resident.

Up to 3 at MYA in Jan, 2 in Apr, 1 in Jul; 2 at MB in Jul, 1 in May-Jun, Aug and Dec; 2 at Tilba in Dec; 1 at Bingie in Jan and Oct-Nov.

STURNIDAE Starlings

Common Starling *Sturnus vulgaris*

Status: common breeding resident.

Up to 120 at Com in Apr, 100 in Mar and Sep, 40-80 in other months; 30 at MYA in Aug, 21 in Jul; 20 at Monga NP in Feb; 10 at Gulaga in May; 6 at Eurobodalla Rd in Apr; 5 at MO in Nov-Dec.

Breeding: nesting at Com in Aug-Sep, dependent young in Oct-Nov. (JC)

Common Myna *Sturnus tristis*

Status: breeding resident.

Up to 10 at MYA in Jan-Apr, 1-6 most other months; 4 at MO in Jul, 1 in Apr and Dec; 2 at Com in Jan and Apr; 1 at MB in Dec.

NECTARINIIDAE Mistletoebird

Mistletoebird *Dicaeum hirundinaceum*

Status: breeding resident and bird of passage.

Recorded in all months except Aug; 6 at Gulaga in May; 3 at MYA in Nov; 2 at PS in Feb and Nov, at Deua NP in Mar, at Clyde R NP in Apr, at BB and ERBG in May, at Barlings Swamp in Oct; 1 or calls at 7 other localities.

ESTRILDIDAE Grass-finches

Red-browed Finch *Neochmia temporalis*

Status: common breeding resident.

Widely reported throughout the year; 60 at Deua NP in Mar; 50 at Com in Jan-Feb and Apr-Jul, at PS in Mar, at Buckenboura Rd in Apr; 40 at Malua Bay in May-Jun; 30 at Bodalla in May, at Coolagolite in Jun; 27 at WL in Aug; no more than 25 at other locations.

Breeding: nesting in Jan and Nov, dependent young in Jan-Apr.

Diamond Firetail *Stagonopleura guttata*

Status: Vulnerable (NSW Schedule 2); rare resident.

Seven at Belowra on 10 Apr. (JC)

PASSERIDAE House Sparrow

House Sparrow *Passer domesticus*

Status: common breeding resident.

Up to 15 at MYA in Jan and May, 10 in Mar-Apr and Jun-Jul; 12 at NA in Apr, 4 in Dec; 12 at Tilba in Apr, 6 in Dec; 1 at MO in Jan and Nov, at Gulaga in Sep.

MOTACILLIDAE Australasian Pipit

Australasian Pipit *Anthus novaeseelandiae*

Status: breeding resident.

Twelve at Com in May, 8-10 in other months; 6 at Belowra in Apr; 5 at Bingie in Mar-Apr and Jun, 1-3 most other months; 3 at MYA in Jul and Nov; 2 at MB in Feb, 1 in Oct; 2 at Comerang Mt and Brou L in Dec; 1 at DS in Oct, at Coila L in Nov.

FRINGILLIDAE Finches

European Goldfinch *Carduelis carduelis*

Status: uncommon breeding resident.

Fourteen at Com on 2 Aug, 2 in Jan; 5 at MYA in Jul. (JC/JM)

MAMMALS

TACHYGLOSSIDAE

Short-beaked Echidna *Tachyglossus aculeatus*

Widespread and recorded in most months except Mar-July: 3 at Pedro in Aug-Sep, 2 in Feb and Dec; 2 at PS in Aug, 1 in Nov-Dec; 2 at Broulee in Sep; singles at BP in Jan, at Lilli Pilli in Dec, at MKS in Oct, at Coila L in Nov and at MB in Oct.

DASYURIDAE

Spotted-tailed Quoll *Dasyurus maculatus*

Signs at PS in Nov. (JM)

Agile Antechinus *Antechinus agilis*

Two at Cullendulla Ck in Sep. (DB)

Brown Antechinus *Antechinus stuartii*

One at Lilli Pilli in Jan and May-Jun, at MYA in Mar and at ERBG and Turlinjah in Apr. (IAG/JL/NC)

Antechinus sp.

One at PS in Mar, at ERBG in Sep.

PERAMELIDAE

Long-nosed Bandicoot *Perameles nasuta*

More than 4 at MB in Jun; signs in Oct. (MA/AC)

VOMBATIDAE

Common Wombat *Vombatus ursinus*

One or two or signs at Coolagolite throughout the year; single at Deua R in Feb, at Bimbimbee in May; signs at Com in Jul and at MYA in Aug.

PETAURIDAE

Yellow-bellied Glider *Petaurus australis*

More than 6 at Nelligen in Sep; 1 at Mossy Pt in Jul-Aug. (JM/HR)

Sugar Glider *Petaurus breviceps*

Four at Nelligen in Sep; 2 at Pedro in Apr, 1 in Feb, May and Aug; 2 at Coolagolite in Jul, calling in Jun; 1 at Mossy Pt in Jul; 1 at PS in Aug, calls in Dec; calls at BP in Jan, at Com in Feb-May, Jul-Aug and Oct.

Greater Glider *Petaurides volans*

One seen emerging from a tree hollow at Nelligen in Sep. (JM)

PSEUDOCHEIRIDAE

Common Ringtail Possum *Pseudocheirus peregrinus*

Three at Pedro in Nov-Dec, 1 in Feb; 1 at Broulee in Sep; drey at MB in Jun. (JS/GLM/MA)

ACROBATIDAE

Feathertail Glider *Acrobates pygmaeus*

Two at TS in Feb and 1 in May; 2 at Nelligen in Sep. (JH/JM)

PHALANGERIDAE

Common Brushtail Possum *Trichosurus vulpecula*

Widespread and regular throughout year in resident groups: 6 at Com in Feb-Apr, Jun-Sep and Dec, 5 in Jan, May and Oct, 4 in Nov; 4 at Pedro in Feb, 3 in Mar-Jun and Aug-Sep; more than 3 at MB in Jun, 2 in Oct and Dec; 1 or 2 at Coolagolite in May-Jun, Aug and Oct-Dec; 1 at BP in Jan, at Lilli Pilli in Jan and May-Jun, at Mossy Pt in Jun-Oct, at MYA in Jun-Jul; dead golden form at Bodalla and NA in Mar.

MACROPODIDAE

Eastern Grey Kangaroo *Macropus giganteus*

Widespread and regularly recorded throughout the year: maxima of 80 at Coolagolite in Jun, 48 at South DS in Dec, 30 at PS in Mar and MB in Jun, 25 at Mossy Pt in Jul.

Red-necked Wallaby *Macropus rufogriseus*

Widespread and regularly recorded throughout the year: up to 8 at Coolagolite throughout the year; 2-4 at Mossy Pt in Jun and Sep-Dec; 3 at Pedro in Sep; 2 at Bergalia in Jan; recorded at Deua R in Feb.

Swamp Wallaby *Wallabia bicolor*

Widespread and regularly recorded throughout the year: more than 50 at MB in Jun, 16 in Aug, Oct and Dec; up to 6 at Com throughout the year; up to 5 at PS, Pedro and Coolagolite throughout the year; 4 at Bumbo Rd in Jun; singles elsewhere.

PTEROPODIDAE

Grey-headed Flying Fox *Pteropus poliocephalus*

Thousands returned to their regular camp at MHS in Feb-Apr; thousands recorded at Pedro in Mar, hundreds in Feb and 50 in May; small camp at Ringlands in Apr; 20 at Nelligen in Sep; up to 5 at Mossy Pt in Jun-Sep; 4 at Com in Nov; 1 at PS in Dec. (JM/JS/HR/JC)

VESPERTILIONIDAE

Lesser Long-eared Bat *Nyctophilus bifax*

Two found dead on CO Road. (JS)

MURIDAE

Bush Rat *Rattus fuscipes*

One at Lilli Pilli in Jan and at Pedro in Apr-May. (IAG/JS)

Swamp Rat *Rattus lutreolus*

Signs at Coolagolite in Jan. (DO)

Black Rat *Rattus rattus*

One or two at Pedro in May-Jun; 1 at Coolagolite in Jan and at PS in May. (JS/DO/JM)

OTARIDIDAE

Seal sp.

A total of 241 seals were counted on both the north and south islands of Montagu on Mar 22, most were thought to be **Australian Fur Seal**

Arctocephalus pusillus and a few, **New Zealand Fur Seal** *A. forsteri*. Seal sp. were also reported from Wasp Head in Jul and MB in Oct. (MC/DB/MA)

CANIDAE

Dingo *Canis lupus dingo*

Heard at Com in Mar and Oct. (JC)

Red Fox *Vulpes vulpes*

Four at Deua R in Feb; 1 at Coolagolite in Dec. (MS/DO)

LEPORIDAE

Rabbit *Oryctolagus cuniculus*

Up to 12 at Broulee in Sep-Nov; 1-2 at Coolagolite in Apr and Nov; recorded at Com throughout the year and at Bingie Pt and Mullimburra Pt in Nov.

SUIDAE

Pig *Sus scrofa*

Up to 6 at Com in Mar-May. (JC)

DELPHINIDAE

Bottle-nosed Dolphin *Tursiops truncatus*

A total of twenty at South DS in Dec in 2 pods of 9 and 11; also recorded at WL in Aug and MB in Oct.

(J Coffey/FM/MA)

BALAENOPTERIDAE

Humpback Whale *Megaptera novaeangliae*

Up to 12 at MB in Oct; 2 off Broulee in Aug, Oct-Nov and off BP and BI in Oct. (MA/HR/DO)

REPTILES

CHELIDAE

Snake-necked Turtle *Chelodina longicollis*

Up to 10 at Com in Jan-Feb, Apr, Oct-Dec; up to 6 (found dead) at Coolagolite in Nov-Dec, 1 in Oct; 1 at WL in Jan, at Mossy Pt in Sep, Nov-Dec, at PS in Nov; a number seen at Deua R in Feb.

(JC/DO/HR/JM/MS)

SCINCIDAE

White's Skink *Ergenia whitii*

Observed occasionally at Montagu Is in Mar. (MC)

Yellow-bellied Water-skink *Eulamprus heatwolei*

Up to 4 at Com in Jan, Mar-Apr, Nov-Dec. (JC)

Eastern Water-skink *Eulamprus quoyii*

One at Lilli Pilli in Jan and Dec. (IAG)

Dark-flecked Garden Sunskink *Lampropholis delicata*

Colonies at BP, Mossy Pt, Broulee and MYA, active from Jan-Apr and Sep-Dec.

Pale-flecked Garden Sunskink *Lampropholis guichenoti*

Small groups at BP, Mossy Pt, MYA and Montagu Is in Jan-Feb, Mar-Apr, Jul, Nov-Dec.

Weasel Skink *Saproscincus mustelinus*

Singles at BP in Jan and at Mossy Pt in Aug and Dec. (JW/HR)

Eastern Blue-tongue *Tiliqua scincoides*

One or two at Com in Jan, Mar, Oct-Dec; singles at BP in Jan, at MYA in Feb, at Mossy Pt in Jul-Aug and Oct, at BI in Oct and at Broulee in Nov.

AGAMIDAE

Jacky Lizard *Amphibolurus muricatus*

Up to 3 at Mossy Pt in Aug-Dec; 1 or 2 at PS in Feb-Apr and at Coolagolite in Jan, Mar-Apr, Sep, Nov-Dec; singles at BP in Jan, at CO in Mar and at BB in Apr.

Gippsland Water Dragon *Physignathus lesueurii howittii*

Up to twenty at Com in Jan, 10 in Feb-May and Nov-Dec, 6 in Oct and 2 in Sep. (JC)

VARANIDAE

Lace Monitor *Varanus varius*

Up to 3 at Com in Jan-Feb, Oct-Dec; 2 at BP in Jan and at Pedro in Feb-Mar; singles at Coolagolite in Jan-Feb, Oct-Dec, at Deua R in Feb, at PS in Mar and Dec, at CO in Oct and at Lilli Pilli in Dec.

BOIDAE

Diamond Python *Morelia spilota*

At least 6 at MB in Oct and Dec, fewer in Mar, Jun and Aug; singles at Com in Jan, at PS in Jun-Sep and at MKS in Oct. (MA/JC/JM/SMG)

ELAPIDAE

Common Death Adder *Acanthophis antarcticus*

Two at Deua R in Feb. (MS)

Eastern Small-eyed Snake *Cryptophis nigrescens*

One at PS in Jun. (JM)

Mustard-bellied Snake *Drysdalia rhodogaster*

One at MB in Mar, at Gulaga in Sep and at Coolagolite in Nov. (AC/FM/DO)

Red-bellied Black Snake *Pseudechis porphyriacus*

Seen in all months except Jul-Aug: up to 3 at Com in Jan-May and Sep-Dec; 2 at the Deua R in Feb; 1 or 2 at Pedro in Feb-Mar, Sep and Dec and at Coolagolite in Jan, Mar, Oct and Dec; singles at BP, MKS and WL in Jan, at MB in Mar, Jun and Oct and at NA in Apr.

Eastern Brown Snake *Pseudonaja textilis*

One at MKS in Oct. (SMG)

Yellow-bellied Seasnake *Pelamis platurus*

One at Bingie in Oct. (AM)

FROGS

MYOBATRACHIDAE

Common Eastern Froglet *Crinia signifera*

Common and widespread in coastal lands, woodland: recorded throughout the year at BP, Barlings Swamp, Mossy Pt, MYA, PS, Com, WL, Gulaga and Coolagolite.

Eastern Banjo Frog *Limnodynastes dumerilii*

Recorded at MYA in Jan-Apr. (JL)

Brown-striped Frog *Limnodynastes peronii*

Widespread and common on coast: recorded throughout the year at BP, Barlings Swamp, Mossy Pt, PS, Com and Coolagolite.

Haswell's Frog *Paracrinia haswelli*

Calls at PS in Feb and Nov and at MYA in Mar. (JM)

Brown Toadlet *Pseudophryne bibronii*

Recorded at BP in Jan and at MYA in May. (JW/JM)

Tyler's Toadlet *Uperoleia tyleri*

Up to 4 at Mossy Pt in Sep-Dec; calls at MYA in Mar and at PS in Nov-Dec. (HR/JM)

HYLIDAE

Keferstein's Tree Frog *Litoria dentata*

Up to 5 at Mossy Pt in Jul-Aug, Oct-Dec; calls at BP in Jan and at Com in Jan-Jun, Sep-Dec. (HR/JW/JC)

Brown Tree Frog *Litoria ewingii*

Calls at PS in Jan and Nov and at MYA in Mar.

Eastern Sedgefrog *Litoria fallax*

Up to 13 seen at Mossy Pt in Jun, Sep-Dec; usual group among the Lomandra at ERBG in Nov. (HR/GLM)

Jervis Bay Tree Frog *Litoria jervisiensis*

Up to 4 at Mossy Pt in Jun-Oct, Dec; calls at MYA in Mar and PS in Nov-Dec.

Peron's Tree Frog *Litoria peronii*

Common and widespread in coastal areas: recorded throughout the year at BP, Mossy Pt, MYA, PS, Com and Coolagolite.

Leaf-green Tree Frog *Litoria phyllochroa*

Calls at PS in Mar and Nelligen in Sep. (JM)

Tyler's Tree Frog *Litoria tyleri*

Calls at PS in Jan, Mar, Oct-Dec, and at Gulaga in Sep. (JM/FM)

Verreaux's Tree Frog *Litoria verreauxii*

Common and widespread in coastal areas: recorded throughout the year at BP, Mossy Pt, MYA, PS, Com and Coolagolite.

INSECTS

DRAGONFLIES, DAMSELFLIES

Common Flatwing *Austroargiolestes icteromelas*: Mar.

Orange Threadtail *Nososticta solida*: Nov-Dec.

Gold-fronted Riverdamsel *Pseudagrion aureofrons*: Mar-Apr, Dec.
Red and Blue Damsel *Xanthagrion erythroneurum*: Feb.
Common Bluetail *Ischnura heterosticta*: Jan-May, Oct-Dec.
Australian Emerald *Hemicordulia australiae*: Feb, Apr, Dec.
Tau Emerald *Hemicordulia tau*: Jan-May, Oct-Dec.
Blue Skimmer *Orthetrum caledonicum*: Feb-Apr, Oct-Dec.
Scarlet Percher *Diplacodes haematodes*: Jan-Mar.
Wandering Percher *Diplacodes bipunctata*: Jan-Apr, Dec.
Black-faced Percher *Diplacodes melanopsis*: Jan.
Common Glider *Tramea loewii*: Feb-Mar.

BUGS, CICADAS

Harlequin Bug *Dindymus versicolor*: Jan-Mar, Oct-Dec.
Green Vegetable Bug *Nezara viridula*: Jan, Mar, May, Oct.
Bronze Orange Bug *Musgraveia sulciventris*: Jan-Feb, Apr, Nov-Dec.
Gum Tree Shield Bug *Omyta centrolineata*: Jan, Mar-May, Oct, Dec.
Glossy Shield Bug *Cermatulus nasalis*: Oct.
Spiny Predator Shield Bug *Oechalia scellenbergii*: Dec.
Metallic Shield Bug *Scutiphora pedicellata*: Dec.
Orange Assassin Bug *Gminatus australis*: Nov.
Water Strider family *Gerridae*: Jan-Mar, Nov-Dec.
Water Boatman family *Corixidae*: Dec.
Black Prince *Psaltoda plaga*: Jan.
Double-spotted Cicada *Cicadetta labeculata*: Jan.

BEEETLES

Repsimus Beetle *Repsimus aeneus*: Jan-Feb, Dec.
Green Scarab *Diphucephala colaspoides*: Nov-Dec.
Argentinian Scarab *Cyclocephala signaticollis*: Jan, Apr, Nov-Dec.
Net-winged Beetle *Porrostoma rhipidium*: Jan, Oct-Dec.
Plague Soldier Beetle *Chauliognathus lugubris*: Feb-May, Oct-Nov.
Pintail Beetle family *Mordellidae*: Nov.
Honeybrown Beetle *Ecnolagria grandis*: Jan, Dec.
Acacia Leaf Beetle *Dicranosterna immaculata*: Jan-Apr, Oct-Nov.
Metallic Green Acacia Beetle *Calomela ruficeps*: Jan-Apr, Oct-Dec.
Small Blue Leaf Beetle *Nisotra breweri*: Feb, Nov-Dec.
Small Leaf Beetle *Peltoschema tetraspilota*: Jan, Sep.
Peltoschema oceanica: Jan, Nov-Dec.
Banded Pumpkin Beetle *Aulocophora hilaris*: Jan-Feb, Dec.
Three-lined Potato Beetle *Lema daturaphila*: Feb-May, Dec.

Botany Bay Weevil *Chrysolopus spectabilis*: Jan.

Ladybirds:

Transverse Ladybird *Coccinella transversalis*: Jan, Mar-Apr, Sep-Dec.

Variable Ladybird *Coelophora inaequalis*: Mar-Apr, Oct-Nov.

Mealybug Ladybird *Cryptolaemus montnouzieri*: Jan, Apr-May, Nov-Dec.

Twenty-six Spotted Ladybird *Epilachna vigintisexpunctata*: Jan-May, Jul, Sep-Dec.

Steelblue Ladybird *Halmus chalybeus*: Feb-Apr, Oct-Nov.

Common Spotted Ladybird *Harmonia conformis*: Apr-May, Oct-Dec.

Tortoise-shelled Ladybird *Harmonia testudinaria*: Oct-Dec.

Spotted Amber Ladybird *Hippodamia variegata*: Jan-Apr, Oct-Dec.

Fungus-eating Ladybird *Illeis galbula*: Jan-May, Sep.

Striped Ladybird *Micraspis frenata*: Jan-Dec.

Orcus bilunulatis: Dec.

FLIES

Giant Robber Fly *Blepharotes splendidissimus*: Mar.

Hover Fly family *Syrphidae*: Feb.

MOTHS

HEPIALIDAE

Elhamma australasiae: Jan-Feb.

Oxycanus silvanus: Jun.

PSYCHIDAE

Lomera lurinda: Oct.

PLUTELLIDAE

Diamondback Moth *Plutella xylostella*: Oct-Dec.

TORTRICIDAE

Conchylis subfurcatana: Feb.

LIMACODIDAE

Four-spotted Cup Moth *Pseudanapaea transvestita*: Apr.

PTEROPHORIDAE

Plume Moth sp.: Feb, Apr-Jun, Sep.

PYRALIDAE

Meal Moth *Pyralis farinalis*: Mar, Nov.

Cabbage Centre Grub *Hellula hydralis*: Oct-Nov.

Asian Corn Borer *Ostrinia furnacalis*: Dec.
Tree Lucerne Moth *Uresiphita ornithopteralis*: May.
Beet Webworm *Spoladea recurvalis*: Mar.
Nacoleia rhoeoalis: Apr.
Eggfruit Caterpillar *Sceliodes cordalis*: Apr, Oct.

GEOMETRIDAE

Black Geometrid *Melanodes anthracitaria*: Feb.
Acute Point Moth *Metrocampa biplaga*: Apr.
Hakea Moth *Oenochroma vinaria*: Mar.
Brown Twisted Moth *Parepisparis virgatus*: May.
Oval-spot Taxeotis *Taxeotis stereospila*: Oct.
Neat Epidesmia *Epidesmia tryxaria*: Apr.
Textured Emerald *Hypodoxa muscosaria*: Nov.
Red-lined Geometrid *Crypsiphona oculataria*: May.
Twin Emerald *Chlorocoma dichloraria*: Apr, Oct.
Golden-fringed Emerald *Chlorocoma assimilis*: May.
Cream Wave *Scopula perlata*: Jan-Mar, May-Jun, Aug-Oct.
Plantain Moth *Scopula rubraria*: Jan-May, Aug, Oct-Dec.
Mecynata Moth *Chrysolarentia mecynata*: Apr-May, Sep-Oct.
Finely-lined Carpet *Chrysolarentia severata*: Oct.
Dark-patch Carpet *Xanthorhoe anaspila*: Apr, Sep.
Sodaliata Moth *Epyaxa sodaliata*: Sep.
Subidaria Moth *Epyaxa subidaria*: May.
Apple Looper *Phrissogonus laticostata*: Oct-Nov.
Red-spotted Delicate *Epicyme rubropunctaria*: Aug, Oct.

LASIOCAMPIDAE

Banded Porela *Porela vitulina*: Oct.
Spotted Clear-winged Snout Moth *Genduara punctigera*: May.

ANTHELIDAE

White-stemmed Wattle Moth *Chelepteryx chalepteryx*: May.
Common Anthelid *Anthela acuta*: Jun.

SPHINGIDAE

Convolvulus Hawk Moth *Agrius convolvuli*: Feb-Mar.
Coprosma Hawk Moth *Hippotion scrofa*: Jan, Dec.

LYMANTRIIDAE

White Cedar Moth *Leptocneria reducta*: Oct.
Urocoma baliolalis: Nov.

White Tussock Moth *Acyphas leucomelas*: Feb-Mar, Nov.

ARCTIIDAE

Hook-wing Footman *Termessa discrepans*: Dec.

Banded Lichen Moth *Lyclene structa*: Feb-Mar, Dec.

Lydia Lichen Moth *Asura lydia*: Mar-Apr.

Variable Halone *Halone sejuncta*: Nov.

Lichen-eating Caterpillar *Manulea replana*: Jan, Mar-May.

Heliotrope Moth *Utethesia sp.*: Feb-May, Oct-Nov.

Magpie Moth *Nyctemera amicus*: Jan, Mar, May, Oct-Dec.

Crimson Tiger Moth *Spilosoma curvata*: Feb-Apr, Sep.

Tiger Moth *Amata sp.*: Feb-Mar, Nov.

NOCTUIDAE

Sandava scitisignata: Sep.

Tamba conscripta: Sep.

Rhapsa suscitatalis: Apr.

Pantylidia sparsa: Apr, Dec.

Northern Old Lady Moth *Dasypodia cymatodes*: Nov.

Granny Moth *Dasypodia selenophora*: Nov.

Semi-Looper *Trigonodes hyppasia*: Mar-May.

Tobacco Looper *Chrysodeixis argentifera*: Nov.

Chrysodeixis subsidens: Oct.

Mistletoe Moth *Comocrus behri*: Feb, Nov-Dec.

Green-blotched Moth *Cosmodes elegans*: Mar-Jun.

Oriental Leafworm Moth *Spodoptera litura*: Apr.

Proteuxoa paragypsa: Apr.

Proteuxoa sanguinipuncta: Mar.

Leucania diatrecta: May.

Black Cutworm *Agrotis ipsilon*: Jan.

Bogong Moth *Agrotis infusa*: Oct-Dec.

Brown Cutworm *Agrotis munda*: Oct.

Variable Cutworm *Agrotis porphyricollis*: Apr-Jun, Sep-Oct.

Native Budworm *Helicoverpa punctigera*: Jan, Apr, Jul-Oct, Dec.

BUTTERFLIES

HESPERIIDAE

Splendid Ochre *Trapezites symmopus*: Jan, Mar.

Lilac Grass-skipper *Toxidia doubledayi*: Jan.

White-brand Grass-skipper *Toxidia rietmanni*: Jan.

Dingy Grass-skipper *Toxidia peron*: Mar.

Narrow-brand Grass-dart *Ocybadistes flavovittata*: Feb-Mar, May, Oct, Dec.

Greenish Grass-dart *Ocybadistes walkeri*: Mar-May.

PAPILIONIDAE

Macleay's Swallowtail *Grampium macleayanus*: Feb, Sep.

Blue Triangle *Graphium sarpedon*: Feb-Apr, Oct.

Orchard Swallowtail *Papilio aegeus*: Jan-May, Oct-Dec.

Dainty Swallowtail *Papilio anactus*: May.

PIERIDAE

Small Grass-yellow *Eurema smilax*: Oct-Nov.

Imperial Jezebel *Delias harpalyce*: Jan.

Black Jezebel *Delias nigrina*: Feb-Jun, Nov-Dec.

Spotted Jezebel *Delias aganippe*: Jan, Mar, May, Jul.

Yellow Albatross *Appias paulina*: Jan.

Caper White *Belenois java*: Oct-Dec.

Cabbage White *Pieris rapae*: Jan-Jun, Aug-Dec.

NYMPHALIDAE

Dusky Knight *Ypthima arctous*: Feb-Mar, Nov.

Brown Ringlet *Hypocysta metirius*: Jan, Mar-Apr, Sep-Dec.

Grey Ringlet *Hypocysta pseudirius*: Nov.

Varied Swordgrass Brown *Tisiphone abeona*: Jan, Mar-Apr, Nov-Dec.

Striped Xenica *Oreixenica kershawi*: Nov. First record of the species in the Eurobodalla.

Marbled Xenica *Geitoneura klugii*: Feb-Mar, Dec.

Wonder Brown *Heteronympha mirifica*: Jan, Apr.

Common Brown *Heteronympha merope*: Jan-May, Nov-Dec.

Spotted Brown *Heteronympha paradelpha*: Jan.

Bank's Brown *Heteronympha banksi*: Jan.

Tailed Emperor *Polyura sempronius*: Apr, Dec.

Meadow Argus *Junonia villida*: Jan-May, Oct-Dec.

Australian Painted Lady *Vanessa kershawi*: Jan-Feb, Apr, Sep-Dec.

Yellow Admiral *Vanessa itea*: Jan-Apr, Aug-Dec.

Lesser Wanderer *Danaus chrysippus*: Dec.

Monarch *Danaus plexippus*: Jul.

LYCAENIDAE

Long-tailed Pea-blue *Lampides boeticus*: Mar.

Common Grass Blue *Zizina labradus*: Jan-Jun, Oct-Dec.

WASPS, BEES

Blue-banded Bees *Amegilla cingulata*: Jan-May, Nov-Dec.

Black Flower Wasp *Discolia sorror*: Jan-Feb, Apr, Dec.

Orange Caterpillar Parasite Wasp *Netelia producta*: Jan-Apr, Aug-Dec.

Common Paper Wasp *Polistes humilis*: Jan-Feb, Dec.

White-faced Brown Paper Wasp *Ropalidia plebeian*: Jan-Dec.

OTHER INVERTEBRATES

SPIDERS

Species of spider commonly recorded throughout the year:

Huntsman Spider *Delena cancerides*

White-tailed Spider *Lampona cylindrata*

Black House Spider *Badumna insignis*

Net-casting Spider *Deinopis subrufa*

Red-back Spider *Latrodectus hasselti*

St. Andrew's Cross Spider *Agriope keyserlingi*

St. Andrew's Cross Spider *Agriope picta*

Leaf-curling Spider *Phonognatha graeffei*

Daddy Long-legs *Pholcus phalangoides*

Water Spider *Dolomedes australiensis*

Giant Water Spider *Megadolomedes australianus*

Wheel-weaving Garden Spider *Eriophora transmarinas*

Golden Orb-weaving Spider *Nephila sp.*

Garden Wolf Spider *Lycosa godeffroyi*

Little Striped Wolf Spider *Lycosa furcillata*

Spiny Spider *Austrocantha minex*

Two-spined Spider *Poecilopachys bispinosa*

Flat Rock Spider *Hemiocloea major*

Jumping Spider *Opisthoncus sp.*

Striped Saitis *Saitis virgatus*

Cross-ruled Lycidas *Lycidas scutulatus*

Peacock Spider *Maratus splendens*. First record of the species in the

Eurobodalla.

Flying Peacock Spider *Maratus volans*. First record of the species in the Eurobodalla.

Comb-footed Spider *Achaearanea* sp.

Two-tailed Spider *Tamopsis fickerti*

Flower Spider *Diaea dorsata*

Triangular Spider *Arkys clavatus*

Single-thread Trap *Argyrodes* sp.

White-spotted Swift Spider *Nyssus albopunctatus*

**58th ANNUAL ASSESSMENT OF SHEARWATER
BREEDING SUCCESS ON MONTAGU ISLAND, 24–29
MARCH 2017**

David Priddel, Mike Crowley, Chris Davey and Peter J. Fullagar

The format of this report and the abbreviations used are consistent with those in previous annual reports (e.g. Crowley *et al.* 2016). Montagu Island is divided into two parts by a steep gulch and a beach that is passable at all tides. We refer to these two portions as north island and south island. Replanting of the south island with taller vegetation, using plants known to have occurred on the island in the past, has occurred following systematic control of Kikuyu Grass *Pennisetum clandestinum*. This has been done progressively over the last 16 years across designated zones, and these zones (numbered 1-9 or assigned as Asset A, B or C and Accidental) are used in this report for reference purposes. They are briefly described (condition in March 2013) and shown in a map in Fullagar *et al.* (2012).

Our shearwater colony study site on the SE side of the smaller northern part of Montagu Island (zone 9) is known as NISA (293 m²); the two study sites at the northern end of the southern part are known as SISA (428 m²) and ThiSA (293 m²), located at the N end of zone 8. The location of these study sites is shown in Fullagar & Heyligers (2006). In addition to assessing the breeding success of shearwaters annually, the vegetation is also mapped for each site. A grid of 1 x 1 foot cells (set up in 1967 before metrication) is laid over each study site. For NISA and ThiSA the area is divided into 60 x 54 cells, and for SISA 72 x 66 cells. The occurrence of each plant species within a study site is calculated as the proportion of cells in which that species occurs.

The bird records for the island have been reviewed by Fullagar (1989) but many subsequent records have been included in annual reports (similar to this one) dating back to 1998. Names and taxonomic order of birds follow Christidis and Boles (2008); all other vertebrates follow Clayton *et al.* (2006). Names of butterflies follow Braby (2004) and moths follow Common (1990) while those of vascular plants follow those used by Heyligers and Adams (1989, 2004).

Survey Team

This year's team comprised Peter Fullagar, Mike Crowley, Chris Davey and David Priddel (MIPartners); Lesley Priddel, Penny Beaver, Adam Smith, Byron Smith and Brendan Smith.

Weather and Habitat Conditions

We departed Narooma at 10:30 on 24 March, crossing the bar in difficult conditions into a heavy 3m swell. It was a fairly rough passage to the island in squally seas. Intermittent rain continued until early afternoon. The following day was fine but overcast with a light NW wind. On 26 March it was warm and clear with light variable winds all day. A NE wind blew all day on 27 March in clear conditions until evening when it strengthened and switched to the SW with light rain after dark. On 28 March it was warm and sunny with a light southerly wind most of the day. We returned to Narooma on 29 March departing at 10:00 on a smooth sea with light winds in clear sunny conditions. On leaving the wharf at Montagu we made a short diversion to count seals and birds along the W and N sides of north island.

Monthly rainfall figures (mm) for the period March 2016 to March 2017 are as follows: 64.8, 77.0, 13.8, 164.8, 109.4, 9.4, 94.2, 32.8, 47.8, 49.4, 13.7, 51.6 and 42.6 (to the end of the month).

Conditions this summer have been very dry, but good rain in late February and March revived the stressed vegetation. On all study sites the Spiny-headed Mat-rush *Lomandra longifolia* was lush and dense. Scarlet Runner *Kennedia rubicunda* is now well established on NISA and SISA.

Kikuyu Grass continues to spread alarmingly throughout the island. The spread of Coastal Morning Glory *Ipomoea cairica* continues and is now another invasive species of concern (Crowley *et al.* 2016).

Coverage

We started work on ThiSA at 15:45 on 24 March, stopping at 18:45. On 25 March we completed ThiSA between 08:45 and 10:10. We then started SISA at 10:30 and worked until lunch (13:00-14:40). Work on SISA was completed at 19:15. We started work on NISA at 09:00 on 27 March and finished at 16:30. On 26 March we made casual observations on north and south island. We completed nine penguin landing site counts at dusk on 26 March.

Survey Results

1. Shearwaters

The results of this year's survey, together with those for 2016, are summarised in Table 1.

Table 1. Number of shearwater chicks and burrows found in the three study sites in 2017 (2016 data in brackets), and totals for both years.

	<i>NISA</i>	<i>THiSA</i>	<i>SISA</i>	<i>Total 2017</i>	<i>Total 2016</i>
Wedge-tailed Shearwater	65 (53)	18 (16)	52 (33)	135	102
Short-tailed Shearwater	13 (22)	30 (21)	49 (35)	92	78
Sooty Shearwater	0 (0)	1 (1)	(0)	1	1
Number of burrows	150 (146)	83 (77)	174 (163)	407	386
Occupied burrows (%)	52 (51)	59 (49)	58 (42)	56	47

As Table 1 shows, the number of burrows found this year was slightly more than found in 2016 and the overall percentage of occupied burrows was considerably higher (56%).

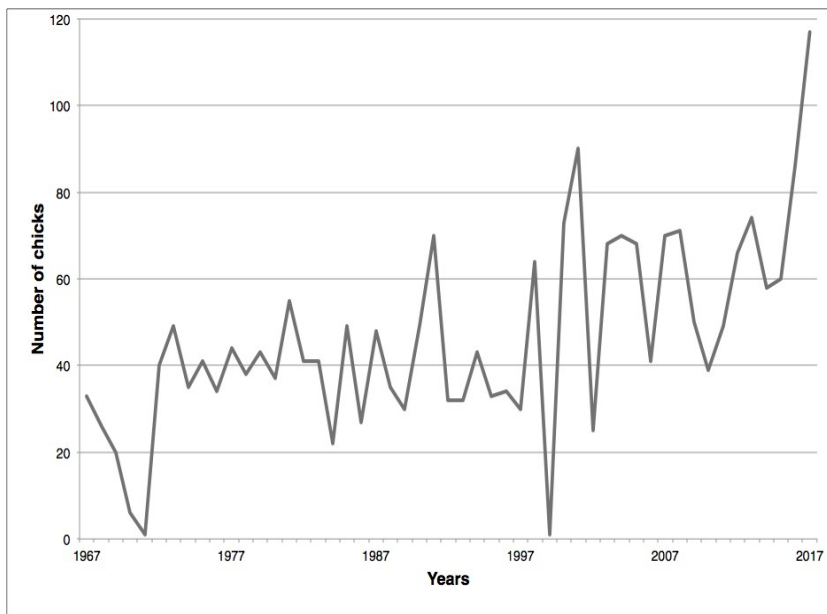
The average weight of Wedge-tailed Shearwater chicks this season was 417g (233- 651g); the comparable figure for Short-tailed Shearwater was 627g (247–970g). All chicks were in good condition.

The average weights of Wedge-tailed Shearwater chicks in 2016 was 495g and of Short-tailed Shearwater 629g. These average weights are not comparable with those of 2017 because 2016 measurements were taken a week earlier. In 2015, when measurements were taken at the same time of year as in 2017, average weights were considerably heavier: 537g for Wedge-tailed Shearwater chicks and 724g for Short-tailed Shearwater chicks.

This was a record year for Wedge-tailed Shearwater, with the total number of chicks (135) being the highest ever recorded over the past 58 years. As a proportion of chicks on each study plot Wedge-tailed Shearwaters comprised 83% on NISA, 37% on ThiSA and 51% on SISA. To illustrate the steady increase of this species on our study areas

over time we have plotted the combined totals from two of the study plots that have been searched each year from 1967 to the present (see Fig. 1).

Figure 1. Total number of Wedge-tailed Shearwater chicks on two study sites (NISA and SISA combined) on Montagu Island annually between 1967 and 2017



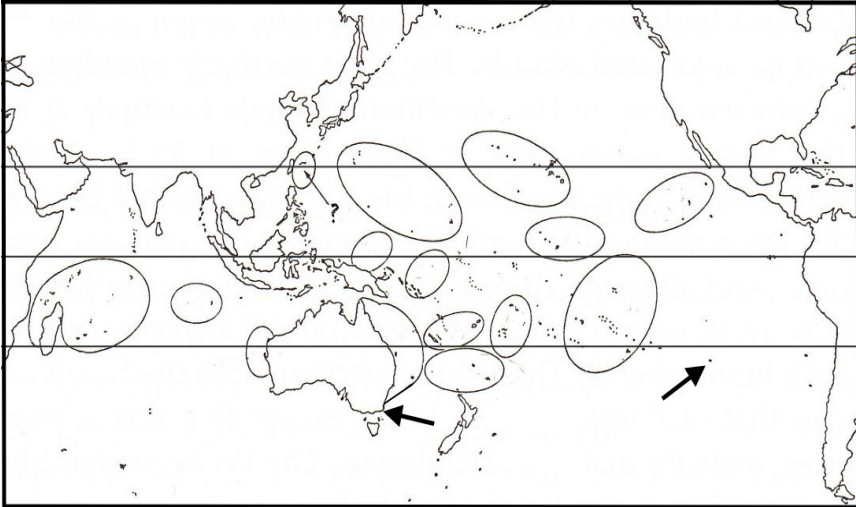
Overall Short-tailed Shearwaters numbers increased over those found last year except on NISA which is a study area now heavily dominated by Wedge-tailed Shearwaters. One Sooty Shearwater chick was found on ThiSA.

This year the number of chicks on our study areas was the highest ever on ThiSA (26 years), the 6th highest on SISA (58 years and last exceeded in 1981) and the 15th highest on NISA (51 years).

Expansion of the breeding colony of Wedge-tailed Shearwaters on Montagu Island, in particular over the last 20 years, is matched by recent extensions in the range of this species elsewhere. For example, a first recorded breeding on Gabo Island, Victoria was reported this season by Brownlie & Arnold (2016), as was breeding for the first time on Motu

Nui, Easter Island, Chile (see HBW Alive, 2017). World breeding distribution of this shearwater is shown in Fig. 2 with the locations of these two recent extensions indicated.

Figure 2. Map of global breeding distribution of Wedge-tailed Shearwater, including two recently reported expansions (arrowed). Based on map from Warham (1990).



2. Penguins

Nine landing sites, of which 8 were prime, on the south island were surveyed on 26 March; seven on the W side and two on the E side of the island. Prime sites are those where the greatest numbers of penguins would land in the past. No penguins were seen arriving at any site between 18:30 and 20:00. Very few birds were noted ashore at any time during the survey this March. As noted last year, no penguin was found on any of the shearwater study sites.

There has been a significant decline in the number of penguins breeding on the island over the last decade, the cause of which is not clearly understood. One possibility is predation by the New Zealand Fur Seal *Arctocephalus forsteri*, a species that has increased in number on the island during that time. When doing observations at penguin landing sites we regularly note patrolling seals at dusk close inshore.

3. Vegetation

Five perennial plant species occur regularly on the study sites: Spiny-headed Mat-rush, Bracken *Pteridium esculentum*, Scarlet Runner, Kikuyu Grass and Tussock Grass *Poa poiformes*. Although Mat-rush continues to heavily dominate each of the three study sites there has been a gradual change in occurrence of the other four species within two of the study sites. A comparison of species composition in 2017 with that of 10 years ago is shown in Table 2.

Table 2. Changes in occurrence (% of grid cells) of Bracken, Scarlet Runner, Kikuyu Grass and Tussock Grass in each of the three study sites between 2008 and 2017

Site	No. of cells	Bracken		Scarlet Runner		Kikuyu Grass		Tussock Grass	
		2008	2017	2008	2017	2008	2017	2008	2017
NISA	3240	0	0	0.4	19.9	0	0	6.3	4.2
SISA	4752	17.5	18.9	6.9	50.0	0.04	10.7	0	0
ThiSA	3240	0	0	0	0	0	0	0	0

Bracken *Pteridium esculentum* has been recorded only on SISA, with very little change occurring over the 10 year period. Scarlet Runner has increased considerably over both NISA and SISA. For SISA this vine now occupies 50% of cells. Kikuyu Grass has been recorded on SISA only where, despite periodic chemical control, it has increased to now occupy over 10% of cells. Tussock Grass *Poa poiformes* has been recorded only on NISA where its distribution has decreased. At present levels, none of these perennials appears to affect overall shearwater breeding success.

General Observations of Birds, Mammals, Reptiles and Lepidoptera

BIRDS

Thirty-two species were recorded this year and eight eBird lists were submitted. See <http://ebird.org/content/ebird/about/>.

Brown Quail *Coturnix ypsilophora*. Numerous on all parts of the island. Coves seen in several places and we observed at least 44 individuals, although many more were likely to have been present.

Bar-shouldered Dove *Geopelia humeralis*. Two seen on 25 March in thickets (Accidental zone).

White-faced Storm-Petrel *Pelagodroma marina*. A single nest survey in December 2016 found only 50% of study burrows from the 2015-16 season were occupied in 2016-17. The loss of active burrows to Wedge-tailed Shearwaters is thought to be approximately 20-25% per annum (N. Carlile pers. comm.). Nineteen geolocator units were attached in summer 2016 but none have yet been recovered. The artificial nesting and sound attraction site established on the eastern side of the north island successfully operated throughout the recent breeding season but, as far as is known, has yet to encourage visitation by this species (N. Carlile pers. comm.).

Wedge-tailed Shearwater *Ardenna pacifica*, **Sooty Shearwater**, *A. grisea* and **Short-tailed Shearwater** *A. tenuirostris*. See Table 1 for this year's chick count. Few shearwaters seen at sea during the visit but a raft of c 250 E of island early in the afternoon on 28 March was seen feeding and resting.

Fluttering Shearwater *Puffinus gavia*. One seen during crossing to the island on 24 March.

Gould's Petrel *Pterodroma leucoptera*. No surveys were carried out on this species during the 2016-17 breeding season, but incidental observations during chick rearing suggested a good level of breeding success, in stark contrast to the previous season.

Little Penguin *Eudyptula minor*. Few seen (see text above under survey results).

Australasian Gannet *Morus serrator*. A few observed at sea most days with up to c 20 on 28 March with feeding shearwaters, all of which appeared to be immature.

White-faced Heron *Egretta novaehollandiae*. Maximum of four seen (from the boat) near the seals on the north side of north island on 29 March.

Cattle Egret *Bubulcus coromandus*. One seen flying over N end of south island on 26 March and two on rocks S side of Pebbly Beach (the large bay midway along the west side of north island) on 29 March, near seals.

White-bellied Sea-Eagle *Haliaeetus leucogaster*. Seen occasionally with maximum of three adults on one day.

Swamp Harrier *Circus approximans*. One male seen occasionally.

Nankeen Kestrel *Falco cenchroides*. None seen this year. During a visit in October 2016 by CCD and PJF, only one female seen. No breeding recorded. First time in 58 years that no Kestrel present at this time of year on the island.

Peregrine Falcon *Falco peregrinus*. A pair seen some days. No signs of breeding activity at known nest sites.

Buff-banded Rail *Gallirallus philippensis*. Few birds seen on south island. None observed on north island.

Sooty Oystercatcher *Haematopus fuliginosus*. Six birds seen on the island.

Brown Noddy *Anous stolidus*. One seen at South Landing at midday and dusk on 26 March. Photos attached on eBird list from this day.

Caspian Tern *Hydroprogne caspia*. Seen most days with a maximum of 9 on 26 March.

Crested Tern *Thalasseus bergii*. Few seen.

Silver Gull *Chroicocephalus novaehollandiae*. A few seen daily with one late fledged chick still present near light station.

Jaeger sp. One probable **Arctic Jaeger** *Stercorarius parasiticus* seen passing S on 24 March during crossing to the island.

Brush Cuckoo *Cacomantis variolosus*. One seen late afternoon 28 March (zone 5). First record for the island.

Eastern Spinebill *Acanthorhynchus tenuirostris* one seen in thickets on W side of island on 26 March (Accidental zone). First record for the island.

Yellow-faced Honeyeater *Lichenostomus chrysops*. Commonly seen in thickets along W side of south island. Numbers too numerous to assess. One juvenile bird seen on 25 March.

Black-faced Cuckoo-shrike *Coracina novaehollandiae*. One seen in thickets W side of south island on 26 March (Accidental zone).

Golden Whistler *Pachycephala pectoralis*. One female heard and seen on W side of south island on 26 March (zone 5)

Grey Fantail *Rhipidura albiscapa*. One seen on 26 March in thickets on south island (Accidental zone).

Australian Raven *Corvus coronoides*. Two calling and seen on 28 March near light station.

Golden-headed Cisticola *Cisticola exilis*. Not vocal and difficult to detect with few seen.

Little Grassbird *Megalurus gramineus*. Inconspicuous at this time of year; few seen.

Silvereye *Zosterops lateralis*. Present on most days but numbers too numerous to assess.

Welcome Swallow *Hirundo neoxena*. Seen daily. Minimum numbers estimated at 18.

MAMMALS

Seals. A count on 26 March gave 34 on the SW side of south island at South Landing (zone 2). On north island a total of 64 was counted, of which the majority were at the NW corner. Most of the north island animals were thought to be **Australian Fur Seal** *Arctocephalus pusillus*. However, eight pups seen on north island were close together in a location normally occupied by **New Zealand Fur Seal**. The seals on south island were probably also **New Zealand Fur Seal**. A repeat count on north island on 29 March (from the boat on our return to Narooma) gave a total of 78 seals and included at least a dozen pups. All but 20 or so of these animals were thought to be **New Zealand Fur Seal**.

REPTILES

White's Skink *Ergenia whitii*. Observed occasionally.

Grass Sun-skink *Lampropholis guichenoti*. Observed occasionally.

LEPIDOPTERA

Very few seen

Common Brown *Heteronympha merope*. A few seen in the gulch between north and south island and along the W side of south island.

Long-tailed Pea-blue *Lampides boeticus*. A few seen on Coast Rosemary *Westringia fruticosa* in the gulch on 26 March.

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Place Name Abbreviations.

BB	Batemans Bay.
BI	Bermagui.
BP	Burrewarra Point.
CO	Congo.
Com	Comerang.
DS	Durras.
DY	Dalmeny.
ERBG	Eurobodalla Regional Botanic Gardens.
MB	Mystery Bay.
MHS	Moruya Heads South.
MKS	Maulbrooks Road South, Moruya.
MO	Meringo.
MYA	Moruya.
NA	Narooma.
PS	Pedro Swamp.
TS	Tuross.
WL	Wallaga Lake.
NP	National Park.
SF	State Forest.