

not recorded and it is likely that the number of breeding attempts recorded in Marchant and Higgins (1990) is an underestimate. This study has involved monthly resightings of most birds since banding and the data suggest that nesting more than once per year may be more regular than currently thought, at least where circumstances are favourable for breeding.

Breeding was recorded throughout the year in both years of the study and this extended breeding period is well documented in south-east Australia (Braithwaite and Frith 1969; Braithwaite 1982). Braithwaite and Frith (1969), studying Black Swans in New South Wales linked breeding activity to littoral flora abundance and also fluctuations in water level at their study site. Halse and Jaensch (1989) also demonstrated a clear link between rainfall and the onset of breeding. These factors were not investigated in this study but may have been applicable.

Compared to published data from New South Wales and North Queensland, when mean brood size at hatching was recorded as 4.78 and 4.38 cygnets respectively (Braithwaite 1982; Lavery 1964) the hatching rate in this study seems very low with a mean of 2.61 cygnets hatched per breeding attempt in 2007 and 2.14 cygnets hatched in 2008. The reasons for this difference are not clear and require further investigation.

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## RECOVERY ROUND-UP

*This section is prepared with the co-operation of the Secretary, Australian Bird and Bat Banding Schemes, Australian Nature Conservation Agency. The recoveries are only a selection of the thousands received each year; they are not a complete list and should not be analysed in full or part without prior consent of the banders concerned. Longevity and distance records refer to the ABBBS unless otherwise stated. The distance is the shortest distance in kilometres along the direct line joining the place of banding and recovery; the compass direction refers to the same direct line. (There is no implication regarding the distance flown or the route followed by the bird). Where available ABBBS age codes have been included in the banding data.*

*Recovery or longevity items may be submitted directly to me whereupon their merits for inclusion will be considered.*

Hon. Editor

The following abbreviations appear in this issue:

BBO – Broome Bird Observatory, Broome WA

NPWSSP – National Parks and Wildlife Service (NSW) Seabird Project

VWSG - Victorian Wader Study Group.

#### Southern Giant-Petrel *Macronectes giganteus*

1068-10016\*. Nestling banded by D. Patterson-Fraser on Hermit Island, near Palmer Station, Antarctica (64° 46'S 64° 04'W) on 7 March 2010. Recovered injured at sea, (later euthanased) 3 miles east of Wollongong, NSW (34° 29'S 151° 00'E) on 21 Sep. 2010. 8563 km.

\* Bird Banding Laboratory-USGS band

#### Northern Giant-Petrel *Macronectes halli*

1436068\*. Nestling banded on Bird Island, South Georgia, Antarctica (54° 00'S 38° 02'W) on 3 March 2009. Recovered dead, at Morgan Beach, Cape Liptrap, Vic. (38° 54'S 145° 55'E) on 12 June 2010. 9676 km.

\*BTO Ringing and Migration band.

#### Short-tailed Shearwater *Ardenna tenuirostris*

162-75130. Nestling banded by NPWSSP on Montagu Island, NSW (36° 15'S 150° 14'E) on 23 March 2010. Recovered dead, on the Beach of Akahama, Takahagi, Ibaraki Pref., Japan (36° 44'N 140° 44'E) on 12 June 2010. 8172 km N.

**Australasian Gannet** *Morus serrator*

M72631\*. Juvenile banded on White Island, Bay of Plenty, New Zealand (37° 31'S 177° 12'E) on 6 Feb. 2000. Recovered dead at Main Beach, South Durras, NSW (35° 39'S 150° 17'E) by B. Adam on 27 Sep. 2010, over 10 years, 7 months after banding. 2403 km W.

\*New Zealand Banding Scheme band.

**Brown Booby** *Sula leucogaster*

121-16747. Juvenile banded by B.R. King on Raine Island, Qld. on 2 Dec. 1986. Recaptured, released alive with band at banding place by S. Taylor on 4 Aug. 2010, over 23 years, 8 months after banding.

**Beach Stone-curlew** *Esacus magnirostris*

111-02558. Nestling banded by G.P. Clancy on Curlew Island, Wooli Wooli River, NSW on 17 Dec. 2008. Recovered injured, entangled in fishing line at Labrador, Qld on 22 July 2010. 217 km N.

Rehabilitation was attempted but bird died on 25 July, 2010.

**Australian Pied Oystercatcher** *Haematopus longirostris*

- (a) 101-21422 (Plus Engraved Flag Yellow A4). Nestling banded by G.P. Clancy at Bundjalung National Park, NSW on 20 Oct. 2006. Readable flag sighted in field, band number inferred at Sandringham, Botany Bay, NSW by H.K. Watson on 13 Sep. 2008. 575 km SSW.
- (b) 101-22064 (Plus colour Bands LgpyRrrm). Adult (3) banded by VWSG at Stockyard Point, Lang Lang, Westernport, Vic. on 13 Sep. 2003. Colour markings sighted in field five times, the last occasion at the Broadwater, NSW by G. & L. Smith on 10 Feb. 2010, over 6 years 4 months after banding. 1239 km NNE.
- (c) 101-27770 (Plus Engraved Flag Yellow H7). Nestling banded by G.P. Clancy at Salty Lagoon, north of Evans Head, NSW on 13 Nov. 2008. Readable flag sighted in field, band number inferred at Stockton, Hunter Estuary, NSW by C. & L. Herbert on 12 March 2010. 451 km SSW
- (d) 101-27773 (Plus Engraved Flag Yellow J1). Nestling banded by G.P. Clancy at Red Rock Estuary, NSW on 20 Nov. 2008. Readable flag sighted in field, band number inferred at One Mile Jetty, North Stradbroke Island, Qld. on 27 July 2010. 275 km N.
- (e) 101-27800 (Plus Engraved Flag Yellow N1). Nestling banded by G.P. Clancy at Red Rock Estuary, NSW on 24 Nov. 2009. Readable flag sighted in field, band number inferred at Stockton, NSW by C. & L. Herbert on 12 March 2010. 350 km SSW.

**Carnaby's Black-Cockatoo** *Calyptorhynchus latirostris*

320-00736. Nestling banded by P.R. Mawson east of Lake King, WA on 18 Nov. 2008. Recovered dead at Munglinup, WA on 10 Jan. 2010. 109 km SE.

**Southern Boobook** *Ninox novaeseelandiae*

101-03107. Adult (1+) male banded by G.R. Olsen at Black Mountain, ACT on 21 Jan. 1994. Band number read in field, bird not trapped by G. Dabb and J. Olsen on 24 Dec. 2009, over 15 years, 11 months after banding.

(This is the oldest recorded for the species.)

**Satin Bowerbird** *Ptilonorhynchus violaceus*

091-02934. Adult (4+) male banded by J.T. Willows near Nimbin, NSW on 20 July 1995. Recovered dead near banding place on 17 Sept. 2010, over 15 years, 1 month after banding.

**Purple-crowned Fairy-wren** *Malurus coronatus*

012-00728. Adult (1+) female banded by I.C.R. Rowley at Drysdale River Station, Woodland, WA on 20 Feb. 1982. Recaptured, released alive with band at banding place on 2 Sep. 1987, over 5 years 6 months after banding.

(This is the oldest recorded for the species.)

**Striated Thornbill** *Acanthiza lineata*

- (a) 018-79256. Adult (1+) banded at Blue Gum Swamp Creek, Winmalee, NSW on 22 Dec. 2002. Recaptured, released alive with band at banding place by J. Farrell on 31 Oct. 2010 over 8 years 9 months after banding.
- (b) 018-79361. Adult (1+) banded at Blue Gum Swamp Creek, Winmalee, NSW on 23 May 2004. Recaptured, released alive with band at banding place twice, the last occasion by N. Svedin on 31 Oct. 2010, over 6 years, 5 months after banding.

**Inland Thornbill** *Acanthiza apicalis*

014-48933. Adult (1+) banded by R.J. Brown at Middlesex Field Study Centre, WA on 16 May 1985. Recaptured, released alive with band at banding place by A.M. de Rebeira on 6 April 2002, over 16 years, 10 months after banding.

(This is the oldest recorded for the species.)

**Western Thornbill** *Acanthiza inornata*

016-52028. Nestling banded by M.G. Brooker at Gooseberry, Hill, WA on 7 Jan. 1992. Recaptured, released alive with band at banding place on 28 Nov. 2000, over 8 years, 10 months after banding.

(This is the oldest recorded for the species.)

**Brown Thornbill** *Acanthiza pusilla*

017-97117. Immature (1) banded by G. Fry at Munghorn Gap Nature Reserve near Mudgee, NSW on 27 Dec. 2001. Recaptured, released alive with two bands four times the last occasion on 7 Aug. 2009, over 7 years, 8 months after banding.

(The bird was also banded with ABBBS band no. 018-57519.)

**Mountain Thornbill** *Acanthiza katherina*

016-13634. Adult (1+) banded by K.A. Fisher at Mount Lewis, near Jullaten, Qld. on 17 Feb. 1990. Recaptured, released alive with band at banding place by S.E. Williams on 13 Feb. 2005, over 14 years, 11 months after banding.

(This is the oldest recorded for the species.)

**Striated Pardalote** *Pardalotus striatus*

017-01159. Adult (2+) banded by D.A. Saunders at Kellerberrin District, WA on 19 June 1993. Collided with a window or other transparent material and subsequently died on 11 Aug. 1995 at a property 17 km, south of Kellerberrin, WA by a member of the public. 45 km S.

(This is the longest movement recorded for the species.)

**Eastern Spinebill** *Acanthorhynchus tenuirostris*

- (a) 017-39722. Adult (2+) male banded by A. Cam at Munghorn Gap Nature Reserve near Mudgee, NSW on 17 Aug. 2002. Recaptured, released alive with bands at banding place four times the last occasion by G. Fry on 5 Aug. 2009, over 7 years after banding.

(The bird was also banded with band no. 017-39726.)

- (b) 017-39726. Adult (2+) male banded by A. Cam at Munghorn Gap Nature Reserve, near Mudgee, NSW on 17 Aug. 2002. Recaptured, released alive with two bands twice the last occasion by G. Fry on 7 Aug. 2009, over 7 years after banding.

(The bird was also banded with ABBBS band no. 018-87459.)

**White-plumed Honeyeater** *Lichenostomus penicillatus*

- 024-42529. Immature (1) banded at Charcoal Tank Nature Reserve near West Wyalong, NSW by J. Gardner on 14 Dec. 1996. Recaptured, released alive with band at banding place by H. Perkins on 17 Jan. 2009, over 13 years 1 month after banding.

**Rufous-throated Honeyeater** *Conopophila rufogularis*

- (a) 023-36649. Adult (1+) banded by the BBO at the Broome Bird Observatory, 18 km east of Broome, WA on 21 Dec. 1990. Recaptured, released alive with band at banding place on 6 Oct. 2000, over 9 years 9 months after banding.

(This is the oldest recorded for the species.)

- (b) 025-26156. Adult (2+) banded by BBO at Gregory Well, 2.8 km NW of Lombadina, WA on 28 Nov. 1995. Recaptured, released alive with band at Coconut Well, Broome, WA by H.F. Macarthur on 12 Sep. 2003, over 7 years, 9 months after banding. 166 km SSW.

(This is the longest movement recorded for the species.)

**Red-headed Honeyeater** *Myzomela erythrocephala*

- 018-21835. Adult (1+) male banded by BBO adjacent to beach, 6 km west of the Broome Bird Observatory, WA on 17 Aug. 1998. Recaptured, released alive with band at Willie Creek, Broome WA on 14 June 2003, over 4 years, 9 months after banding. 27 km NW

(This is the longest movement recorded for the species.)

**Tawny-crowned Honeyeater** *Glyciphila melanops*

- 015-14175. Adult (1+) male banded by D.C. Payton at Bundy Forest Reserve near Forreston, SA on 20 Sep. 1986. Recaptured released alive with band at Cromer Conservation Park, SA by T.J. Bradley on 5 Oct. 1986. 5 km SE.

(This is the longest movement recorded for the species.)

**White-cheeked Honeyeater** *Phylidonyris niger*

- 035-47198. Adult (1+) male banded by S.J.J.F. Davies 12 km south of Beverley, WA on 31 May 2003. Recaptured released alive with band at Cockleshell Gully, WA on 23 Aug. 2004. 291 km NW.

(This is the longest movement recorded for the species.)

**Brown-headed Honeyeater** *Melithreptus brevirostris*

- (a) 025-60839. Adult (2+) male banded by J. Dale at Warraderry State Forest, Grenfell, NSW on 30 Nov. 1997. Recaptured, released alive twice with two bands at banding place the last occasion by G. Fry on 16 March 2010, over 12 years 4 months after banding.

NOTE: This bird was recaptured with eleven other Brown-headed Honeyeaters in a single net of which eight were retraps, with five of the retraps having been banded on the 21 April 2009.

(The bird was also banded with ABBBS band no. 026-11086.)

- (b) 026-13532. Immature (1) banded by D.C. Paton near Monarto South, SA on 24 June 2008. Recovered dead, band removed near Harrogate, SA on 11 April, 2010. 19 km NNW.

**Golden Whistler** *Pachycephala pectoralis*

- (a) 034-76532. Banded by R. Jacobs at Longneck Lagoon Reserve, Scheyville, NSW on 11 April 1999. Recaptured, released alive with band three times at Barren Grounds Nature Reserve, NSW by D. McKay on 20 Dec. 1999; 30 Jan. 2000 and 26 Feb. 2000. 120 km S.

(This is the longest movement recorded for the species.)

- (b) 035-44276. Adult (4+) male banded by D McKay at Blue Gum Swamp Creek, Winmalee, NSW on 26 May 2002. Recaptured, released alive with band at banding place five times, the last occasion by N. Svedin on 31 Oct. 2010, over 8 years, 5 months after banding.

**Rufous Whistler** *Pachycephala rufiventris*

- 034-08855 Immature (1) banded at The Charcoal Tank Nature Reserve near West Wyalong, NSW by A.O. Nicholls on 25 Jan. 1997 by A.O. Nicholls. Recaptured, released alive with band at banding place by H. Perkins, on 18 Jan. 2009, over 11 years 11 months after banding.

(The bird was also banded with ABBBS band no. 035-14344.)

**Willie Wagtail** *Rhipidura leucophrys*

- 034-37410. Adult (1+) banded by A.J. Leishman at Warraderry State Forest near Grenfell, NSW on 1 Oct. 2001. Recaptured, released alive with band at banding place twice the last occasion by G. Fry on 30 Sept. 2009, over 8 years after banding.

**Little Raven** *Corvus mellori*

- 100-99659. Juvenile banded by B. Foreman near Bridgewater, SA on 4 Dec. 1990. Recovered dead at Picadilly, SA on 30 Aug. 2010, over 19 years, 8 months after banding. 2 km NW.

(This is the oldest recorded for the species.)