

The data from this source may assist in identification of additional migrant species. Blakers *et al.* (1984) consider the Azure Kingfisher *Ceyx azureus* to be sedentary in most areas. However, the records collected during this study for the Azure Kingfisher show a similar distribution to those of other migrant species, suggesting it is a migrant. Further data should clarify this point.

The value of collecting information of this type is for long-term studies in which patterns of movement may emerge from systematic accumulation of data. Timing of movement of migrant birds is obtained even though its interpretation requires a consideration of weather conditions at the time of capture. Indirect techniques of this type for collecting data on migratory birds are very important in Australia because of the small numbers of bird observers and banders with the time to carry out more intensive studies. The author hopes that this note will help stimulate other individuals and organizations to initiate projects of this type as they cost little and return much needed information.

ACKNOWLEDGMENTS

I am grateful to the staff of the Queensland National Parks and Wildlife Service, Northern Regional Office, in particular Graham Smalley, for diligently collecting the data over the last three years. Kim Lowe and Stephen Garnett provided helpful criticism on an early draft of the paper.

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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 National Parks and Wildlife Service. 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 in part without the 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:
 AWSG — Australasian Wader Study Group.
 TBBC — Taiwan Bird Banding Centre
 VWSG — Victorian Wader Study Group

Australian Pelican *Pelecanus conspicillatus*

- (a) 170-02308. Adult (+1) banded by J. A. K. Lane at Peel Inlet, WA on 13 Dec. 77. Recovered dead near Avelon Beach, Mandurah, WA on 10 Oct. 90, over 12 years 9 months after banding, 2 km W.
- (b) 170-02453. Adult (+1) banded by J. A. K. Lane at Peel Inlet, WA on 6 Feb. 78. Recovered dead at Falcon, WA on 23 Aug. 90, over 12 years 6 months after banding, 8 km SW.
- (c) 170-04091. Nestling banded by M. H. Waterman on North Pelican Island, The Coorong, SA on 8 Dec. 84. Recovered dead near Forest Hill, Qld on 30 June 90, over 5 years 6 months after banding, 1 529 km NE.
- (d) 170-07089. Nestling banded by M. H. Waterman on Pelican Island, The Coorong, SA on 12 Nov. 88. Recovered dead near Wee Waa, NSW on Oct. 89, 1 114 km NE.
- (e) 170-07839. Nestling banded by M. H. Waterman on North Pelican Island, The Coorong, SA on 5 Nov. 89. Recovered dead near Windorah, Qld on 16 Apr. 90, 1 156 km NNE.
- (f) 170-07959. Nestling banded by M. H. Waterman on North Pelican Island, The Coorong, SA on 5 Nov. 89. Recovered dead 40 km SW of Young, NSW on 3 July 90, 787 km E.
- (g) 170-12167. Nestling banded by M. H. Waterman at Lake Eyre South, SA on 21 Apr. 90. Recovered sick and rehabilitated on Headingly Station, near Mount Isa, Qld in June 90, 900 km N.
- (h) 170-12903. Nestling banded by M. H. Waterman at Lake Eyre South, SA on 21 Apr. 90. Recovered, later died at Brunchilly Station, near Tennant Creek, NT in June 90, 1 203 km N.

Cattle Egret *Ardeola ibis*

- (a) 100-66323. Nestling banded by S. G. Lane at Lawrence, NSW on 10 Jan. 87. Recovered dead at Riverside, Tas. on 16 June 90, over 3 years 5 months after banding. 1 431 km SSW.
- (b) 100-71950. Nestling banded by D. J. Geering at Lawrence, NSW on 5 Jan. 89. 'Colour marking sighted in field, band number inferred' at Bairnsdale, Vic. on 18 June 90. 1 055 km SSW.
- (c) 100-71975. Nestling banded by D. J. Geering at Lawrence, NSW on 5 Jan. 89. 'Colour marking sighted in field, band number inferred' at Portland, Vic. on 6 July 90. 1 445 km SW.
- (d) 100-73740. Nestling banded by J. T. Willows at Ballina, NSW (28°45'S, 153°31'E) on 14 Dec. 89. 'Colour marking sighted in field, band number inferred' at Rangiriri Ni, New Zealand (37°25'S, 175°06'E) on 26 June 90. 2 222 km ESE.

Black Swan *Cygnus atratus*

- 140-34109. Immature (1) banded by J. R. Wheeler at Lake Wendouree, Ballarat, Vic. on 11 Apr. 70. 'Band number read in field' at banding site by P. J. Fell on 11 Sept. 90, 20 years 4 months after banding.

Whistling Kite *Haliastur sphenurus*

- (a) 110-30025. Adult (+1) banded by A. K. Morris at Adamstown, NSW on 28 Oct. 89. Recovered dead at Vincentia, NSW on 1 June 90. 254 km SSW.
- (b) 100-81507. Adult (+1) banded by J. A. Estbergs at Kemp Air Strip, NT on 22 Aug. 81. Recovered, later died at Darwin, NT on 16 Sept. 90, over 9 years after banding. 55 km WNW.

Brown Goshawk *Accipiter fasciatus*

- 100-02071. Immature (1) female banded by J. B. Paton at Langhorne Creek, SA on 22 Mar. 79. Recovered dead at Evanston, SA on 30 June 90, over 11 years 3 months after banding. 81 km N.

Australian Kestrel *Falco cenchroides*

- 082-61521. Nestling banded by J. G. Brickhill near Griffith, NSW on 15 Oct. 89. Recovered, later died at Burrumbet, Vic. on 31 July 90. 419 km SSW.

Ruddy Turnstone *Arenaria interpres*

- 051-29700. Adult (2) banded by VWSG at Swan Island, Queenscliff, Vic. (38°15'S, 144°40'E) on 18 Nov. 89. Recaptured at Szo-Tsao, Taiwan (22°58'N, 120°10'E) by TBBC on 29 Apr. 90. 7 244 km NNW. Recaptured by VWSG at Swan Island on 18 Nov. 90. (First double-journey recovery).

Red Knot *Calidris canutus*

- 050-48031. Adult (+1) banded by J. W. Hardy at Kooragang Island, Newcastle, NSW on 4 Dec. 88. Recaptured by J. J. Thompson at mouth of Brisbane River, Qld on 21 Oct. 90. 626 km NNE.

Galah *Cacatua roseicapilla*

- 200-08357. Adult (+1) male banded by W. L. Klau near Kalgoorlie, WA on 16 Mar. 84. Recovered near Mandurah, WA on 8 Sept. 90, over 6 years 5 months after banding. 580 km WSW.

Sooty Owl *Tyto tenebricosa*

- 130-13265. Juvenile banded by J. T. Willows near Byron Bay, NSW on 30 June 86. Recovered dead at Dungay, NSW on 13 July 90, over 4 years after banding. 49 km NNW.

Hooded Pitta *Pitta sordida*

- 050-84828. Adult (+1) banded by P. V. Driscoll at Sapi Creek Reserve, Trans-Gogol Timber Area, Papua New Guinea on 29 Sept. 79. Recovered dead at Baisarik Village, Madang Province, PNG on 27 Aug. 90, over 10 years 10 months after banding. 10 km SSW.

Eastern Yellow Robin *Eopsaltria australis*

- (a) 022-53531. Banded by G. R. Cam at Munghorn Gap Nature Reserve, near Mudgee, NSW on 18 Apr. 81. Recaptured at banding place three times, the last occasion by J. W. Hardy on 30 Sept. 90, over 9 years 5 months after banding.
- (b) 023-26226. Banded by G. D. Bell at Munghorn Gap Nature Reserve, near Mudgee, NSW on 26 Jan. 85. Recaptured at banding place five times, the last occasion by J. W. Hardy on 30 Sept. 90, over 5 years 8 months after banding.

Rufous Whistler *Pachycephala rufiventris*

- 031-54293. Adult male banded by J. McCrea at Munghorn Gap Nature Reserve, near Mudgee, NSW on 30 Sept. 84. Recaptured at banding place twice, the last occasion by J. W. Hardy on 29 Sept. 90, 6 years after banding.

Grey Fantail *Rhipidura fuliginosa*

- 015-88807. Adult (-2) banded by P. H. Sutton at Wilson's Promontory Lighthouse, Vic. on 26 Sept. 88. Recovered dead 'taken by cat' at Keiraville, NSW on 24 Sept. 90, over 1 year 11 months after banding. 657 km NE.

White-browed Babbler*Pomatostomus superciliosus*

- (a) 051-09355. Adult banded by G. D. Bell at Munghorn Gap Nature Reserve, near Mudgee, NSW on 7 Sept. 83. Recaptured at banding place seven times, the last occasion by J. W. Hardy on 29 Sept. 90, over 8 years after banding.

- (b) 051-09361. Banded by G. R. Cam at Munghorn Gap Nature Reserve near Mudgee, NSW on 26 Mar. 78. Recaptured at banding place ten times, the last occasion by J. W. Hardy on 29 Sept. 90, over 12 years 6 months after banding.

Variegated Fairy-wren *Malurus lamberti*

- 014-86365. Adult male banded by G. D. Bell at Ku-ring-gai Wildflower Gardens, St. Ives, NSW on 23 June 85. Recaptured at banding place four times, the last occasion by J. W. Hardy on 12 Aug. 90, over 5 years 1 month after banding.

White-throated Treecreeper

Climacteris leucophaea

- 040-67857. Adult female banded by A. K. Morris at Munghorn Gap Nature Reserve, near Mudgee, NSW on 22 Oct. 74. Retrapped at banding place six times, the last occasion 'killed in net by Laughing Kookaburra' on 30 Sept. 90, over 15 years 11 months after banding.

Noisy Friarbird *Philemon corniculatus*

- 071-98559. Adult (+1) banded by K. H. Egan near Menai, NSW on 14 June 90. Recovered, 'taken by cat, later died' at Raby, NSW on 17 Oct. 90, 4 months 3 days after banding, 17 km W.

Lewin's Honeyeater *Meliphaga lewinii*

- 040-69017. Adult banded by S. G. Lane at Iluka, NSW on 18 May 83. Found dead at banding place on 19 Oct. 90, over 7 years 5 months after banding.

Yellow-faced Honeyeater

Lichenostomus chrysops

- (a) 022-85543. Immature (1) male banded by A. J. Leishman near Appin, NSW on 27 Oct. 84. Recaptured at banding place five times, the last occasion on 1 Dec. 90, over 5 years 2 months after banding.
- (b) 024-24728. Adult (+2) male banded by K. H. Egan near Menai, NSW on 14 June, 90. Recovered dead at Kangaroo Valley, NSW on 20 Sept. 90, 3 months 6 days after banding, 90 km SSW.

Yellow-tufted Honeyeater

Lichenostomus melanops

- (a) 031-47475. Immature banded by A. K. Morris at Munghorn Gap Nature Reserve, near Mudgee, NSW on 21 Apr. 84. Recaptured at banding place six times, the last occasion by J. W. Hardy on 30 Sept. 90, over 6 years 5 months after banding.
- (b) 031-65904. Banded by G. R. Cam at Munghorn Gap Nature Reserve, near Mudgee, NSW on 9 Apr. 82. Recaptured at banding place twice, the second occasion by A. K. Morris on 27 Apr. 90, over 8 years after banding.

White-plumed Honeyeater

Lichenostomus penicillatus

- (a) 022-62051. Immature (1) banded by D. Foley at Braeside Metropolitan Park, Vic. on 20 Feb. 83. Recovered dead at banding place on 27 June 90, over 7 years 4 months after banding.
- (b) 022-74632. Juvenile banded by D. I. Smedley at Burrendong Arboretum near Wellington, NSW on 2 Mar. 84. Recaptured at banding place on 22 June 90, over 6 years 3 months after banding.
- (c) 022-77958. Banded by N. Schrader at Burrendong Arboretum near Wellington, NSW on 9 Oct. 83. Recaptured at banding place five times, the last occasion by D. I. Smedley on 23 June 90, over 6 years 8 months after banding.

New Holland Honeyeater

Phylidonyris novaehollandiae

- 031-76151. Juvenile banded by J. W. Hardy at Munghorn Gap Nature Reserve, near Mudgee, NSW on 27 Jan. 85. Recaptured at banding place six times, the last occasion on 30 Sept. 90, over 5 years 8 months after banding.

Silvereye *Zosterops lateralis*

- 014-37518. Banded by R. Noske at Red Rock, NSW on 6 Aug. 83. Recaptured at banding place twice, the second occasion by S. G. Lane on 3 Nov. 90, over 7 years 2 months after banding.

Satin Bowerbird *Ptilonorhynchus violaceus*

- 081-85107. Banded (+3) by S. G. Lane at Moonee, NSW on 27 Jan. 86. Found dead near banding place on 13 June 90, over 4 years 4 months after banding.

NEW MEMBERS

BELL, P. J., Palmerston, NT
 DIXON, K. C., Peakhurst, NSW
 FLETCHER, D., Bentley, WA
 FLETCHER, N., Bentley, WA
 GARDINER, W. J., Elizabeth Vale, SA
 HALL, M., Pymble, NSW
 HEATWOLE, Assoc. Professor H., Armidale, NSW
 HOPKINS, Dr M., University, Papua New Guinea
 JENKINS, J., Wembley, WA
 MARSACK, P., Yerrinbool, NSW
 PENNY, J., Brackenridge, Old
 SANDBRINK, C. H., Epping, Vic
 SEFTON, G. L., Woonona, NSW
 SHERIDAN, J., Tumby Umbi, NSW
 SMITH, L. A., Perth, WA
 WALKER, D., Wahroonga, NSW
 WILDLIFE A. R. C., Gosford, NSW