

RECOVERY ROUND-UP

Compiled by A. P. Mathews

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.).

Recovery or longevity items may be submitted directly to me where-upon their merits for inclusion will be considered.

Hon. Editor.

The following abbreviations appear in this issue:

A PW Australian National Parks and Wildlife Service.

PWS,SA—South Australian National Parks and Wildlife Service.

PSG—Penguin Study Group.

SSG(BOAT)—Shorebird Study Group of the Bird Observers Association of Tasmania.

VWSG—Victorian Wader Study Group.

WAWSG—Western Australian Wader Study Group.

Little Penguin *Eudyptula minor*

- (a) 190-20731. Estling banded by PSG at Penguin Parade, Phillip Island, Vic. on 16 Jan. 86. Found dead at Carpenters Rocks, SA on 19 Apr. 86. 423 km W.
- (b) 190-25575. Estling banded by PSG on Phillip Island, Vic. on 14 Jan. 86. Found dead at Carpenters Rocks, SA on 2 May 86. 423 km W.
- (c) 190-26559. Banded by PSG at East Cove, Deal Island, Kent Group, Tas. on 19 Mar. 86. Found dead at Bay of Martyrs, Peterborough, Vic. on 22 June, 1986. 399 km W.
- (d) 190-26900. Nestling banded by M. H. Waterman on Troubridge Island, Edithburgh, SA on 27 Dec. 85. Found dead on beach near Murray River mouth, SA on 19 Apr. 86. 119 km ESE.

Wandering Albatross *Diomedea exulans*

140-25078. Banded by D. G. Gibson at sea off Bellambi, NSW (34°20'S., 151°00'E.) on 15 Aug. 64. Recaptured (on egg) on Possession Island, Crozet Archipelago (46°25'S., 51°45'E.) on 1 Feb. 69 and again on 9 Jan. 86. over 21 years 4 months after banding, 7971 km SW.

Black-browed Albatross *Diomedea melanophrys*

CF 24817*. Nestling banded on Kerguelen Island, Antarctica (49°20'S., 70°15'E.) on 28 Jan. 85. Found dead near Carpenters Rocks Lighthouse, SA (37°55'S., 140°24'E.) on 25 Feb. 86. 5591 km E.

*CRBPO (French Banding Scheme) band.

Shy Albatross *Diomedea cauta*

- (a) 280-04415. Estling banded by J. P. Brothers on Albatross Island, Tas. on 1 Apr. 84. Recaptured "entangled in fishing gear" (released alive) near Cape Northumberland, SA on 29 June 86. 425 km WNW.
- (b) 280-08921. Estling banded by N. P. Brothers on Albatross Island, Tas. on 21 Mar. 86. Found dead (decayed) at East Beach, Port Fairy, Tas. on 25 May 86. 303 km NW.

Southern Giant-Petrel *Macronectes giganteus*

130-50628. Banded by A. F. C. Lashmar at Eastern Cove, Kangaroo Island, SA on 24 June 86. Found "exhausted" at Pottsville Beach, NSW on 2 Aug. 86. 1692 km E E.

Northern Giant-Petrel *Macronectes halli*

BS 10086* Banded on Possession Island, Crozet Archipelago. (46°25'S., 51°45'E.) on 10 Jan. 85. Recaptured at sea off Bermagui, NSW (36°28'S., 150°03'E.) on 16 Jan. 86. 7745 km NE.

*CRBPO (French Banding Scheme) band.

Wedge-tailed Shearwater *Puffinus pacificus*

161-35165. Banded by H. Battam on Big Island, Five Islands, off Wollongong, NSW (34°29'S., 150°56'E.) on 1 Dec. 85. Recaptured "entangled in fishing gear" (released alive) at sea off Catarman Philippines (12°30'N., 124°38'E.) on 29 Apr. 86. 5897 km NW.

Australian Pelican *Pelecanus conspicillatus*

- (a) 170-01694. Banded by J. A. K. Lane at Dawesville, Harvey Estuary, WA on 9 Dec. 76. Found dead at Mandurah WA on 22 July 86, over 9 years 7 months after banding. 14 km NE. (This is the oldest recorded for this species.)
- (b) 170-01781. Nestling banded by D. J. Geering on Martin Islet, Port Kembla, NSW on 1 Dec. 84. Found dead at Secret Bay, near Fishing Point, NSW on 11 May 86. 170 km NNE.
- (c) 170-01860. Banded by J. A. K. Lane at Chimneys, Peel Inlet, WA on 10 Feb. 77. Found dead at Yarloop, about 130 km south of Perth, WA on 1 Mar. 86, over 9 years after banding. 47 km SW.
- (d) 170-02660. Banded by J. A. K. Lane at Big Grove, Princess Royal Harbour, WA on 29 Nov. 78. Recaptured dead (decayed) at Neerabup, WA on 27 Apr. 86, over 7 years 4 months after banding, 425 km NW.
- (e) 170-04775. Estling banded by M. H. Waterman on North Pelican Island, The Coorong, SA on 16 Dec. 84. Found dead near Pyramid Hill, Vic. on 20 June 86. 411 km E.
- (f) 170-05215. Nestling banded by M. H. Waterman on North Pelican Island, The Coorong, SA on 27 Dec. 84. "Band number read in the field" at Murray River, Renmark, SA on 18 July 86. 233 km NNE.

- (g) 170-06302. Nestling banded by M. H. Waterman on Mellor Island, The Coorong, SA on 31 Dec. 85. Found dead at Gogeldrie, NSW on 19 May 86. 632 km E.

Australasian Gannet *Morus serrator*

- (a) 130-60053. Nestling banded by J. R. Wheeler on Lawrence Rocks, Portland, Vic. on 26 Dec. 66. Found dead at Mount Martha Beach, Vic. on 13 July 86, over 19 years 6 months after banding. 292 km E.
- (b) 130-66442. Nestling banded by G. M. Bowker on Lawrence Rocks, Portland, Vic. on 31 Dec. 69. Found dead at Indented Head, Bellarine Peninsula, Vic. on 4 May 86, over 16 years 4 months after banding. 269 km E.

Masked Booby *Sula dactylatra*

- (a) 131-31117. Male banded by B. R. King on Raine Island, Qld (11°36'S., 144°01'E.) on 23 June 80. Recovered "entangled in fishing gear" (dead) near Bercina, Papua New Guinea (8°40'S., 146°25'E.) in May 86, over 5 years 9 months after banding. 418 km NE.
- (b) 131-54837. Nestling banded by ANPWS Coral Sea Project on Coringa Islet, Coral Sea (16°58'S., 149°56'E.) on 18 Sept. 85. Found dead at sea near Vella Island, Solomon Islands (7°45'S., 156°40'E.) on 4 May 86. 1255 km NE.
- (c) B0389*. Nestling banded by B. R. King on Raine Island, Qld (11°36'S., 144°01'E.) on 15 Dec. 85. Found injured (later died) at Fly River, 8 km from Saru Creek, West Province, Papua New Guinea (7°50'S., 141°50'E.) on 1 June 86. 481 km NNW.

*Australian Bird and Bat Banding Schemes—Readable Band.

Brown Booby *Sula leucogaster*

- A2146*. Banded by B. R. King on Raine Island, Qld (11°36'S., 144°01'E.) on 15 Dec. 85. Found dead on Dot Island, 40 km south of Lae, Papua New Guinea (7°00'S., 147°00'E.) on 23 June 86. 605 km NE.

*Australian Bird and Bat Banding Schemes—Readable Band

Black-faced Shag *Leucocarbo fuscescens*

- 131-10409. Nestling banded by M. H. Waterman on Rocky Island, Port Victoria, SA on 14 July 71. Found dead near Corny Point, SA on 29 Mar. 86, over 14 years 8 months after banding. 59 km SW. (This is the oldest recorded for this species.)

Cattle Egret *Ardeola ibis*

- (a) 100-65150. Nestling banded by M. N. Maddock at Wetland Centre, Shortland, NSW on 29 Jan. 86. Found dead between Macksville and Nambucca Heads, NSW on 13 June 86. 271 km NNE.
- (b) 100-65164. Nestling banded by M. N. Maddock at Wetland Centre, Shortland, NSW on 1 Feb. 86. "Colour marking sighted in field (band number inferred)" at Huonville, Tas. on 22 June 86. 1199 km SSW.

Sacred Ibis *Threskiornis aethiopicus*

- 120-52452. Nestling banded by D. E. M. Evans at Healesville Fauna Park, Vic. on 5 Dec. 85. Recaptured at Dreghorn Station, Charters Towers, Qld on 3 May 86. 1934 km N.

Australian Shelduck *Tadorna tadornoides*

- 121-07117. Juvenile female banded by NPWS, SA at Little Bool Lagoon, SA on 23 Feb. 84. Shot at Lake Albert, SA on 16 Mar. 85. 203 km NW.

Grey Teal *Anas gibberifrons*

- G90-85880. Banded by K. J. Mack at Berri, SA on 8 Mar. 86. Shot 33 km north of Clermont, Qld on 3 July 86. 1468 km NNE.

Black Kite *Milvus migrans*

- 110-90307. Banded by A. L. Hertog at McArthur River, NT on 29 July 78. Recovered dead near Pinnacle, near Mackay, Qld in Nov. 85, over 7 years 3 months after banding. 1427 km ESE. (This is the oldest recorded and longest movement recorded for this species.)

Brown Goshawk *Accipiter fasciatus*

- 100-84509. Female banded by R. M. Warneke at Forrest, Vic. (trapped at Drouin, Vic. and relocated) on 19 June 82. "Collided with a road vehicle" at Drouin West, Vic. on 26 Mar. 86. 194 km E.

Brown Falcon *Falco berigora*

- 100-89720. Nestling male banded by I. D. Falkenberg 20 km north of Monte Collina Bore, SA on 2 Nov. 85. "Collided with a road vehicle" on Gibb River Road, east of Derby, WA on 18 Apr. 86. 2047 km NW. (This is the longest movement recorded for this species.)

Mongolian Plover *Charadrius mongolus*

- 051-01796. Banded by S. G. Lane at Stockton, NSW (32°54'S., 151°47'E.) on 28 Dec. 76. "Shot for food" near Manila Harbour, Manila, Philippines (14°37'N., 120°58'E.) over 9 years 3 months after banding. 6196 km NW. (This is the longest movement recorded for this species.)

Double-banded Plover *Charadrius bicinctus*

- 041-08872. Banded by SSG (BOAT) at South Arm Neck, Tas. on 26 Apr. 85. "Collided with aircraft" at Hobart Airport on 20 Apr. 86. 22 km N.

Bar-tailed Godwit *Limosa lapponica*

- 082-43509. Banded by WAWSG at Roebuck Bay, WA (18°04'S., 122°19'E.) on 2 Sept. 81. Recovered at Shanghai Shi, Chongming Dao, China (31°38'N., 121°27'E.) on 1 May 85. 5500 km N.

Great Knot *Calidris tenuirostris*

- (a) 061-38311. Banded by WAWSG 10 km south of Anna Plains, WA (10°15'S., 121°20'E.) on 24 Aug. 82. Recovered at Shanghai Shi, Chongming Dao, China (31°38'N., 121°27'E.) on 1 May 85. 5631 km N.
- (b) 061-38504. Banded by WAWSG near Anna Plains, WA (19°15'S., 121°20'E.) on 24 Aug. 82. Recovered at Luhua Village, Fujian Province, China (25°44'N., 119°22'E.) on 26 Mar. 86. 4981 km N.

Red-necked Stint *Calidris ruficollis*

- (a) 032-17581. Juvenile banded by VWWSG at Werribee, Vic. (38°03'S., 144°32'E.) on 11 Mar. 79. Recovered (dead) at Quinhon, Vietnam (13°46'N., 109°14'E.) on 20 Apr. 86, over 7 years 1 month after banding. 6817 km NW.

- (b) 032-20571. Banded by SSG(BOAT) at Pipeclay Lagoon, Tas. (42°58'S., 147°32'E.) on 23 Nov. 79. Recovered (dead) at Luhua Village, Fujian Province, China (25°44'N., 119°22'E.) on 26 Mar. 86, over 6 years 4 months after banding. 8 136 km NW.
- (c) 032-29193. Banded by SSG(BOAT) at Ralphs Bay (West), Tas. (43°01'S., 147°26'E.) on 20 Sept. 81. Recovered at Shanghai, Chongming Dao, China (31°36'N., 121°18'E.) in May 85. 8 682 km NNW.
- (d) 032-35435. Banded by VWSG at Werribee, Point Wilson, Vic. (38°03'S., 144°32'E.) on 24 July 82. Recovered at Shanghai, Chongming Dao, China (31°36'N., 121°18'E.) in June 84. 8 079 km NW.
- (e) 032-49361. Banded by WAWSG at Pelican Point, Swan River, WA on 15 Dec. 84. "Shot for scientific purpose" at Six Mile Island, Israelite Bay, WA on 23 Feb. 86. 785 km E.

Curlew Sandpiper *Calidris ferruginea*

- (a) 041-13697. Banded by WAWSG at 80 Mile Beach, near Anna Plains, WA on 2 Nov. 83. Recaptured at Yallock Creek, near Kooweerup, Vic by VWSG on 19 Jan. 86. 3 134 km SE.
- (b) 041-13864. Banded by WAWSG at 80 Mile Beach, near Anna Plains, WA (19°15'S., 121°25'E.) on 5 Nov. 83. Recovered at Luhua Village, Fujian Province, China (25°44'N., 119°22'E.) on 26 Mar. 86. 4 982 km N.

Silver Gull *Larus novaehollandiae*

- 081-86609. Nestling banded by D. G. Nicholls on Mud Islands, Vic. on 28 Oct. 83. Found sick at Shorncliffe, Moreton Bay, Qld on 29 June 86. 1 439 km NE.

Crested Tern *Sterna bergii*

- (a) 071-60158. Nestling banded by M. H. Waterman on Halfway Island, off Policeman's Point, The Coorong, SA on 8 Dec. 85. Found dead at Port Campbell Beach, Vic. on 7 Feb. 86. 417 km SE.
- (b) 071-70305. Nestling banded by M. H. Waterman on Halfway Island, off Policeman's Point, The Coorong, SA on 8 Dec. 85. Found dead at Seaholme Beach, Altona, Vic. on 1 Feb 86. 512 km ESE.
- (c) 071-71609. Nestling banded by M. H. Waterman on Halfway Island off Policeman's Point, SA on 31 Dec. 85. Found dead near Point Ronald, Vic. on 22 Feb. 86. 432 km SE.

Common Noddy *Anous stolidus*

- 061-46914. Banded by K. J. Dunn on North Keeling Island, Cocos (Keeling) Islands (11°50'S., 96°49'E.) on 17 June 83. Recovered near banding place by J. N. Dunlop on 14 Feb. 86.

Sacred Kingfisher *Halcyon sancta*

- 050-76185. Female banded by S. T. Garnett on Booby Island, Torres Strait, Qld on 28 Aug. 84. Found dead (decayed) on Bon Rock, 8 km east of Thursday Island, on 31 Oct. 85. 37 km E.

Eastern Yellow Robin *Eopsaltria australis*

- (a) 021-22384. Banded by P. Jackson at Langwarrin Military Reserve, Vic. on 23 Aug. 77. "Colour marking sighted" (band number inferred) near banding place on 20 July 86, over 8 years 10 months after banding.

- (b) 022-71012. Banded by J. W. Hardy at Blue Gum Swamp Creek, Winmalce, NSW on 10 Jan. 85. "Killed by cat" at Lawson, NSW on 6 July 86. 18 km W. (This is the longest movement recorded for this species.)

Brown Thornbill *Acanthiza pusilla*

- (a) 012-91696. Banded by J. G. K. Harris at Lenah Valley, Tas. on 27 Sept. 75. Recaptured near banding place by O. M. G. Newman on 11 Nov. 84, over 9 years 1 month after banding.
- (b) 013-01551. Banded by J. G. K. Harris at Pottery Creek, Lenah Valley, Tas. on 18 Apr. 76. Recaptured at banding site by O. M. G. Newman on 23 Dec. 84, over 8 years 8 months after banding.

Mountain Mouse-Warbler *Crateroscelis robusta*

- 023-23776. Banded by R. W. Campbell at Siwi Utame Wildlife Area, Papua New Guinea (6°14'S., 143°53'E.) on 22 Sept. 84. Recaptured at Siwi Utame, Papua New Guinea (6°14'S., 143°46'E.) by R. D. Mackay on 6 Oct. 84. 13 km W.

Yellow Wattlebird *Anthochaera paradoxa*

- 071-67906. Banded by A. W. J. Fletcher at Bellerive, Tas. on 25 Oct. 85. Found dead near banding place on 27 July 86.

Little Wattlebird *Anthochaera chrysoptera*

- (a) 060-43187. Banded by T. J. Bradley at Cromer Conservation Park, SA on 7 Feb. 84. Recovered at Williamstown, SA about 25 June 85. 16 km NW.
- (b) 061-29549. Banded by B. Foreman near Charleston, SA on 15 Nov. 85. Found dead at Fairview Park, SA on 20 July 86. 24 km NW.
- (c) 061-54676. Banded by O. M. G. Newman at Moonah, Tas. on 20 Feb. 86. Found dead at Newtown, Tas. on 3 Apr. 86. 5 km ESE.

White-plumed Honeyeater

Lichenostomus penicillatus

- 022-99246. Banded by D. C. Paton at Gilberton, S.A. on 23 Mar. 85. Found sick (died) at North Adelaide, SA on 27 Apr. 86, 3 km SW.

White-throated Honeyeater

Melithreptus albogularis

- 021-86909. Banded by R. K. Carruthers at Bli Bli, Qld on 13 Feb. 82. Recaptured at banding place by J. H. Hall on 26 June 86.

New Holland Honeyeater

Phylidonyris novaehollandiae

- 032-71698. Banded by T. G. D. Shannon at Yanchep National Park, WA on 10 Nov. 85. Found dead at Hamersley, WA on 24 Apr. 86. 33 km SSW.

Eastern Spinebill *Acanthorhynchus tenuirostris*

- 014-99291. Male banded by K. W. Lowe near Sutton, NSW on 22 Mar. 86. Found dead at Wamboin, NSW on 10 May 86. 14 km S.

Long-billed Honeyeater

Melilestes megarhynchus

- (a) 040-68187. Banded by R. W. Campbell at Baiyer River Sanctuary, West Highlands Province, Papua New Guinea (5°31'S., 144°11'E.) on 26 Dec. 82. Recaptured at banding place by R. D. Mackay on 21 Oct. 84.

- (b) 040-71456. Banded by K. D. Bishop at Baiyer River, West Highlands Province, Papua New Guinea (5°32'S., 144°11'E.) on 17 July 77. Recaptured near banding place by R. D. Mackay on 23 Oct. 84, over 7 years 3 months after banding.

Silvereye *Zosterops lateralis*

014-16417. Banded by G. J. Logan at Munmorah Power station, near Doyalson, NSW on 11 July 81. Recaptured at Barren Grounds Nature Reserve, NSW on 2 May 86. 178 km SSW.

Grey Butcherbird *Cracticus torquatus*

061-48866. Male banded 12 km south-east of Lauderdale, Tas. on 3 Aug. 85. Found dead at Sandford, Tas. on 18 Apr. 86. 10 km NNW.

LITERATURE REVIEW

Compiled by J. W. Hardy

Errors in large-scale shorebird counts. Rappoldt, C., Kersten, M., and Smit, C. (1985). *Ardea* 73: 13-24. (Stochastic and systematic errors in counts of single flocks are examined.)

An analysis of the diet of Cattle Egrets in the Ebro Delta, Spain. Ruiz, X. (1985). *Ardea* 73: 49-60. (Contents of 118 stomachs taken throughout the year.)

Long distance transport of prey from the intertidal zone to high-tide roosts by the Oystercatcher. Leopold, M. F., Martelijn, E. C. L., and Swennen, C. (1985). *Ardea* 73: 76-82. (Cost estimates concluded the prey's energy content was 10 times higher than its transport costs.)

A shift in the timing of breeding in meadow birds. Beintema, A. J., Beintema-Hietbrink, R. J., and Muskens, G. J. D. M. (1985). *Ardea* 73: 83-89. (Corresponding with changes in agriculture, six species in The Netherlands now breed earlier than at the beginning of the century.)

Impacts of outdoor recreation upon nest-site choice and breeding success of the Kestrel. Van der Zande, A. N., and Verstraal, T. J. (1985). *Ardea* 73: 90-99. (Human recreation adversely effected breeding success.)

Functional aspects of head-scratching methods and other preening movements in birds. ten Cate, C. (1985). *Ardea* 73: 99-104. (Head-scratching methods appear adapted to prevent wing feathers touching the substrate.)

Some data on seabird abundance in Indonesian waters, July/August 1984. Cadée, G. C. (1985). *Ardea* 73: 183-188.

Ecological energetics of the Kestrel: Field estimates of energy intake throughout the year. Masman, D., Gordijn, M., Dann, S., and Dijkstra, C. (1986). *Ardea* 74: 24-39. (Daily metabolizable energy intake was estimated from observation of free living Kestrels in The Netherlands.)

Foreign objects in bird nests. Conover, M. R. (1985). *Auk* 102: 696-700. (Discussion of pseudo-egg phenomenon.)

Water loss and pipping sequence in the eggs of the Red-tailed Tropicbird *Phaethon rubricauda*. Whittow, G. C., and Grant, G. S. (1985). *Auk* 102: 749-753.

Social modelling theory: A possible framework for understanding avian vocal learning. Pepperberg, I. M. (1985). *Auk* 102: 854-864.

Effects of body weight and age on the time of pairing of American Black Duck. Hepp, G. R. (1986). *Auk* 103: 477-484.

Influence of colour-banding on the conspecific preferences of Zebra Finches. Burley, N., Krantzberg, E., and Radman, P. (1982). *Anim. Behav.* 30: 444-455. (Band colour influenced choice of mate in captive colonies.)

Leg-band colour and mortality patterns in captive breeding populations of Zebra Finches. Burley, N. (1985). *Auk* 102: 647-651. (Band colour influenced length of life.)

Editorial comment. Even though Burley *et al* (1982) and Burley (1985) are based on one species in captivity, the implications of the results of the two studies for the technique of colour banding are disturbing. The results make it obvious that attention needs to be given to trying to establish what effect colour banding has on individuals in wild populations of birds. This, however, is likely to prove to be a difficult task.

Metabolism, growth and activity in Adelic and Emperor Penguin embryos. Bucher, T. L., Bartholomew, G. A., Trivelpiece, W. Z., and Volkman, N. J. (1986). *Auk* 103: 485-493.

Search tactics of insectivorous birds foraging in an Australian eucalypt forest. Holmes, R. T., and Recher, H. F. (1986). *Auk* 103: 515-530. (The different ways 23 species searched for food led them to detect and capture different prey.)

Abundance and habitat selection of two American Kestrel sub-species in north-central Florida. Bohall-Wood, P., and Collopy, M. W. (1986). *Auk* 103: 557-563. (Describes censusing in three vegetation communities and habitat selection throughout the seasons.)

A fixed-radius point count method for nonbreeding and breeding season use. Hutto, R. L., Pletcher, S. M., and Hendricks, P. (1986). *Auk* 103: 593-602. (Describes a fixed-radius point count method that carries fewer assumptions than most of the currently popular methods of estimating bird density.)

Oomorphology: A new method. Mand, R., Nigul, A., and Sein, E. (1986). *Auk* 103: 613-617. (Photographing eggs against a calibrated background.)

The organization of a honeyeater community in an unpredictable environment. McFarland, D. C. (1986). *Aust. J. Ecol.* 11: 107-120. (The community of an open-layered forest near Armidale, N.S.W. was studied for 2.5 years.)

Relationships between nectar production and seasonal patterns of density and nesting of resident honeyeaters in heathland near Sydney. Pyke, G. H., and Recher, H. F. (1986). *Aust. J. Ecol.* 11: 195-200. (Nesting appeared to follow seasonal patterns of nectar production.)