

RECOVERY ROUND-UP

This section is prepared with the co-operation of the Secretary, Australian Bird and Bat Banding Scheme. 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).

— Hon. Editor.

The following abbreviations appear in this issue:

- ANARE — Australian National Antarctic Research Expeditions.
 NPWS, SA — National Parks and Wildlife Service, South Australia.
 PSG — Penguin Study Group.
 SSG (BOAT) — Shorebird Study Group of the Bird Observers' Association of Tasmania.
 VWSG — Victorian Wader Study Group.

Little Penguin *Eudyptula minor*

- (a) 190-06893. Nestling banded by PSG at Summerland Penguin Reserve, Phillip Island, Vic. on 20 Jan. 76. Found dead at Somers, Vic. on 22 Nov. 84, over 8 years 11 months after banding 14 km N.
 (b) 190-15324. Nestling banded by H. Battam on No. 1 Island Five Islands off Port Kembla NSW on 19 Nov. 83. Found injured (later died) at Logan's Beach, Warrnambool, Vic. on 1 Aug. 84. 890 km SW.
 (c) 190-21703. Nestling banded by P. Dann near Penguin Parade, Phillip Island, Vic. on 17 Feb. 84. Found dead at Aldinga Beach, St Vincent Gulf, SA on 21 Dec. 84. 700 km WNW.
 (d) 190-23886. Nestling banded by PSG at Penguin Parade, Phillip Island, Vic. on 2 Mar. 85. Found dead near Port Macdonnell, Umpferstone Bay, SA, on 31 May, 85. 380 km W.

Wandering Albatross *Diomedea exulans*

- (a) 140-39452. Banded by J. D. Gibson off Bellambi, NSW on 28 July, 62. recaptured at banding place four times, the last occasion by H. Battam on 22 July, 84, over 21 years, 11 months, after banding.
 (b) 140-39204. Banded by S. G. Lane off Malabar, NSW on 18 July, 59. Recaptured off Bellambi, NSW, five times, the last occasion by H. Battam, on 22 July, 84, over 25 years after banding.
 (c) 140-25337. Banded by J. D. Gibson off Bellambi, NSW on 20 Aug. 60. Recaptured at banding place nine times, the last occasion by H. Battam, on 22 July, 84, over 23 years 11 months after banding.

(d) 140-25148. Banded by J. D. Gibson off Bellambi, NSW, on 2 Aug. 59. Recaptured at banding place on 11 July, 65; at Malabar, NSW, on 4 July, 71; then five times at banding place, the last occasion by H. Battam on 4 Aug. 84, over 25 years after banding.

(e) 140-39286. Banded by J. D. Gibson off Bellambi, NSW on 23 Aug. 59. Recaptured at banding place four times, the last occasion by H. Battam, on 11 Aug. 84, over 24 years 11 months after banding.

(f) BS 7635*. Banded on Possession Island, Crozet Archipelago (46°25'S., 51°45'E.), on 27 Sept., 79. Found dead at Currie, King Island, Tas. (39°56'S., 143°52'E.) by I. J. Skira, on 4 July 80. 7 650 km E.

* Museum National d'Histoire Naturelle (Paris) band.

Black-browed Albatross *Diomedea melanophrys*

- (a) 120-64552. Adult banded by A. F. C. Lashmar at Eastern Cove, Kangaroo Island, SA (35°46'S., 137°51'E.), on 29 July, 81. Recovered on Ile de Croy, Iles Nuageuses (48°40'S., 68°38'E.) on 4 Dec., 84. 5 690 km SW.
 (b) 120-64919. Banded by A. F. C. Lashmar at Eastern Cove Kangaroo Island, SA (35°46'S., 137°51'E.), on 3 June, 76. Recovered on Ile de Croy, Iles Nuageuses (48°40'S., 68°38'E.), on 4 Dec. 84, over 8 years 5 months after banding. 5 690 km SW.
 (c) 121-17611. Adult banded by A. F. C. Lashmar at Eastern Cove, Kangaroo Island, SA (35°46'S., 137°51'E.), on 15 June, 83. Recovered (breeding) on Ile de Croy, Iles Nuageuses (48°40'S., 68°38'E.), on 4 Dec., 84. 5 690 km SW.
 121-17612. Adult banded by A. F. C. Lashmar at Eastern Cove Kangaroo Island, SA (35°46'S., 137°51'E.), on 21 June 83. Recovered on Kerguelen mainland (48°40'S., 68°38'E.), on 27 Dec. 84. 5 690 km SW.

Southern Giant Petrel *Macronectes giganteus*

131-47130. Nestling banded by ANARE on Nelly Island, Casey, Antarctica (66°20'S., 110°28'E.), on 18 Jan., 83. Recovered at Maputa Bay, Mozambique (26°00'S., 32°45'E.), finder's letter dated 26 May, 84. 4 200 km NW.

Wedge-tailed Shearwater *Puffinus pacificus*

- (a) 161-52108. Banded by S. G. Lane on Broughton Island, NSW, on 26 Nov., 77. Recovered 48 km east of Sydney, NSW, on 17 Mar. 85, over 7 years 3 months after banding. 150 km SSW.
 (b) 161-56929. Nestling banded by N. M. Swanson on Mutton Bird Island, Collis Harbour, NSW (33°18'S., 153°09'E.) on 12 Apr. 80. "Caught by hook and line" off coast of Manila (14°37'N., 120°58'E.), on 28 May, 85, over 5 years, 1 month after banding. 3 849 km WNW.

Short-tailed Shearwater *Puffinus tenuirostris*

161-12381. Nestling banded by J. R. Wheeler on Griffith Island, Port Fairy, Vic. on 13 Mar. 70. Found injured near banding place by P. Finnigan late Dec. 84, over 14 years, 9 months after banding.

Brown Booby *Sula leucogaster*

(a) 120-46925. Adult female banded by D. C. Ayliffe on Christmas Island, Indian Ocean (10°29'S., 105°42'E.), on 24 Aug. 74. Recovered "tired but healthy" in Nsakembangan, Java, Indonesia (7°45'S., 108°55'E.). FINDER's letter dated 22 Sept. 84. 450 km NE.

(b) 121-15744. Nestling banded by A. Taplin on Raine Island, Great Barrier Reef, Qld. (11°36'S., 144°01'E.), on 21 Dec., 84. Recovered injured (later died) at Gulewa, north coast of Misima Island, Papua New Guinea (10°39'S., 152°44'E.), on 4 May, 85. 950 km E.

(c) 121-16437. Adult male banded by B. R. King on Raine Island, Great Barrier Reef, Qld (11°36'S., 144°01'E.), on 5 Dec. 81. Found dead at Mabaduan, south coast of Western Province, west of Daru, Papua New Guinea (9°16'S., 142°44'E.) in Dec. 84. 290 km NNW.

Sacred Ibis *Threskiornis aethiopia*

121-20063. Nestling banded by K. W. Lowe at Coolart Lagoon, Vic. on 24 Sept. 82. Found dying (later died) at Healesville, Vic. on 14 May, 85. 86 km NNE.

Pacific Black Duck *Anas superciliosa*

(a) 110-06353. Juvenile banded by NPWS, SA, at Lillyponds, Bool Lagoon, SA, on 17 Feb. 85. Shot near Hay, NSW, on 4 June, 85. 430 km NE.

(b) 110-24231. Banded by NPWS, SA, at Bool Lagoon, SA, on 11 Feb., 85. Shot at Bairnsdale, Vic. on 23 May, 85. 620 km E.

Grey Teal *Anas gibberifrons*

090-52669. Adult female banded by NPWS, SA, at Bool Lagoon, SA, on 23 Feb. 84. Shot at Jake Smith Lake, Vic. on 3 Mar., 85. 580 km ESE.

Osprey *Pandion haliaetus*

130-25013. Nestling banded by A. F. C. Lashmar, near Pennington Bay, Kangaroo Island, SA, on 24 Nov. 73. Found dead at Snug Cove, Kangaroo Island, SA, on 20 Dec., 84, over 11 years after banding. 87 km WNW. (This is the oldest recorded for this species.)

Double-banded Plover *Charadrius bicinctus*

(a) B-11826*. Adult female banded at Lake Tekapo, New Zealand (43°52'S., 170°30'E.), on 26 Nov. 77. Identified by colour bands at banding place during breeding seasons of 1977-81 inclusive and at Point Wilson, Werribee, Vic. (38°05'S., 144°30'E.), by VWSG, on 17 June, 79. 2 000 km WNW.

(b) B-31706*. Nestling banded at Cass River Delta, Lake Tekapo, New Zealand (43°51'S., 170°30'E.), on 13 Nov., 81. Identified by colour bands at Mann's Beach, Corner Inlet, Vic. (38°35'S., 146°50'E.), by VWSG, on 6 Mar., 82. 2 000 km WNW.

(c) B-53566*. Juvenile banded by R. J. Pierce, at Cass River, New Zealand (43°03'S., 171°44'E.), on 24 Dec., 84. Recovered at Point Wilson, Werribee, Vic. (38°03'S., 144°32'E.), on 18 May 85. 2 359 km W. (This is the longest movement recorded for this species.)

* New Zealand National Banding Scheme band.

Red-capped Plover *Charadrius ruficapillus*

(a) 032-11939. Adult banded by D. G. Robertson, at Werribee, Vic., on 7 Mar., 76. Recaptured at banding place by VWSG, on 19 May, 84, over 8 years 2 months after banding.

(b) 032-12881. Banded by D. G. Robertson, at Werribee, Vic., on 20 Nov., 76. Recaptured at banding place by VWSG, on 19 May, 84, over 7 years 5 months after banding.

(c) 032-13963. Banded by D. G. Robertson, at Werribee, Vic., on 22 Jan., 77. Recaptured at banding place by VWSG, on 19 May, 84, over 7 years 3 months after banding.

Terek Sandpiper *Tringa terek*

(a) 050-56861. Banded by F. W. van Gessel at Stockton, NSW, on 9 Mar., 74. Recaptured at banding place three times, the last occasion by W. P. Barden, on 23 Mar., 85, over 11 years after banding. (This is the oldest recorded for this species.)

(b) 050-80726. Banded by F. W. van Gessel at Stockton, NSW, on 9 Dec., 77. Recaptured at banding place three times, the last occasion by W. P. Barden, on 22 Mar., 85, over 7 years 3 months after banding.

(c) 051-00128. Banded by S. G. Lane at Stockton, NSW, on 27 Sept., 75. Recaptured at banding place three times, the last occasion by W. P. Barden, on 22 Mar. 85, over 9 years 5 months after banding.

Red Knot *Calidris canutus*

(a) 050-85642. Banded by M. H. Waterman at Ward Spit, near Port Germain, SA (33°01'S., 137°55'E.), on 27 Dec., 81. Recovered at Rui'an, Zhejiang, People's Republic of China (27°42'N., 120°36'E.), on 7 June, 84. 7 000 km NNW. (This is the longest movement recorded for this species.)

(b) 051-16176. Banded by VWSG at Queenscliff, Vic. (38°15'S., 144°40'E.), on 3 June, 84. Found dead at South Manakau Harbour, Auckland, New Zealand (37°05'S., 174°49'E.), on 19 May, 85. 2 652 km E.

Red-necked Stint *Calidris ruficollis*

(a) 032-12748. Banded by D. G. Robertson at Werribee, Vic., on 7 May, 76. Recaptured at banding place twice, the second occasion by VWSG, on 19 Feb. 83, over 6 years, 9 months after banding.

(b) 032-13927. Banded by D. G. Robertson at Werribee, Vic., on 31 Dec. 76. Recaptured at banding place twice, the second occasion by VWSG, on 20 Feb., 83, over 6 years 1 month after banding.

(c) 032-13998. Banded by D. G. Robertson at Werribee, Vic., on 22 Jan., 77. Recaptured at banding place four times, the last occasion by VWSG, on 19 Feb., 83, over 6 years after banding.

(d) 032-14413. Banded by D. G. Robertson, at Werribee, Vic., on 13 Feb., 77. Recaptured at banding place by VWSG, on 20 Feb. 83, over 6 years after banding.

Curlew Sandpiper *Calidris ferruginea*

(a) 040-76138. Banded by F. W. van Gessel at Koorang Island, NSW, on 16th Nov. 79. Recovered at Queenscliff, Vic., by VWSG, on 30 Dec., 84, over 5 years 1 month after banding. 890 km SW.

(b) 040-91210. Adult banded by D. G. Robertson, at Werribee, Vic., on 13 Mar., 76. Recovered at banding place by VWSG, on 18 Feb., 84, over 7 years 11 months after banding.

- (c) 041-04433. Juvenile banded by SSG (BOAT), at Ralph's Bay West, Tas., on 2 Jan., 83. Recaptured at Werribee, Vic., by VWWSG, on 18 Feb., 84. 620 km NNW.
- (d) 041-13307. Juvenile banded by SSG (BOAT) at Ralph's Bay Neck, Tas., on 6 Nov. 83. Recaptured at Yallock Creek, Vic., by VWWSG, on 5 May, 84. 560 km NNW.

Silver Gull *Larus novaehollandiae*

- (a) 081-82464. Nestling banded by D. G. Nicholls on Mud Islands, Port Phillip Bay, Vic., on 10 Oct., 82. Recovered (in state of exhaustion) at North Entrance, NSW, on 12 Jan., 85. 820 km NE.
- (h) 081-86082. Nestling banded by D. G. Nicholls on Mud Islands, Port Phillip Bay, Vic., on 9 Oct., 83. Shot at Possum Bay, Port Arthur, Tas., on 4 Nov., 84. 600 km SSE.
- (c) 081-89653. Nestling banded by D. G. Thomas at Sorell, Tas., on 20 Dec., 64. Recaptured at Hobart Tip, McRobies Gully, Tas., by SSG (BOAT) on 3 Mar., 85, over 20 years 2 months after banding. 20 km ENE. (This is the oldest recorded for this species).
- (d) 082-46807. Runner banded by J. W. Hardy on Big Island, Five Islands, off Port Kembla, NSW, on 6 Nov. 82. Found injured (later died) at Main Beach, Byron Bay, NSW, on 14 Jan. 85. 700 km NNE.

Kelp Gull *Larus dominicanus*

- (a) 110-93856. Runner banded by SSG (BOAT) on Lachlan Island, Tas. on 6 Jan. 82. Found dead at Lauderdale Canal, Ralph's Bay, Tas. on 1 Jan. 85. 48 km SW.
- (b) 110-96308. Runner banded by SSG (BOAT) on Lachlan Island, Tas. on 5 Jan. 84. "Found dead at tip" at Lauderdale, Tas. on 25 Nov. 84. 50 km SW.

Caspian Tern *Hydroprogne caspia*

- 090-83810. Runner banded by J. B. Paton on West Island, SA, on 18 Nov. 73. Found dead at Lake Albert, near Meningie, SA, on 16 Feb. 85, over 11 years, 2 months after banding. 58 km E. (This is the oldest recorded for this species.)

Bridled Tern *Sterna anaethetus*

- 061-01338. Adult banded by R. E. Johnstone on North Fisherman Island, WA, on 30 Nov. 74. Found dead (for several weeks) at Coffin Bay Beach, SA, between 1-5 Jan. 85, over 10 years, 2 months after banding. 1900 km ESE.

Fairy Tern *Sterna nereis*

- 040-68661. Nestling banded by VWWSG at Werribee, Vic. on 19 Jan. 82. Recovered at Queenscliff, Vic. by VWWSG, on 30 June, 84. 25 km SSE.

Crested Tern *Sterna bergii*

- (a) 071-38001. Nestling banded by M. H. Waterman on Stonywell Island, The Coorong, SA, on 3 Dec. 83. Found dead at Bribie Island, Qld, on 12 Jan. 85. 1650 km NE.
- (b) 071-43256. Nestling banded by J. N. Dunlop on Rottnest Island, WA, on 22 May, 84. Found dead at T-Bone Bay, Cape Range National Park, Exmouth, WA, on 12 Oct. 84. 1150 km N.

- (c) 071-48347. Nestling banded by M. H. Waterman on Stonywell Island, The Coorong, SA, on 3 Dec. 83. "Caught while sitting on a fishing trawler" near Crookhaven Heads, Shoalhaven Bight, NSW, on 28 Aug. 84. 1025 km ENE.
- (d) 071-54079. Runner banded by J. W. Hardy on Big Island, Five Islands, off Port Kembla, NSW, on 19 Nov. 83. "Hit by car" at Cooloola, Qld, on 4 Nov. 84. 905 km NNE.
- (e) 071-56600. Nestling banded by M. H. Waterman on Stonywell Island, The Coorong, SA, on 3 Dec. 83. Found injured at Broadwater, near Anglers Paradise, Qld, on 4 Aug. 84. 1600 km NE.

Torresian Imperial Pigeon *Ducula spilorrhoa*

- 100-02347. Nestling banded by F. Crome at Low Wooded Inlet near Port Douglas, Qld (16°23'S., 145°34'E.), on 22 Jan., 71. Found dead at Fly River, near Deware Village, Papua New Guinea (8°20'S., 142°25'E.), on 11 Jan. 85, over 14 years after banding. 947 km NNW. (This is the oldest and longest movement recorded for this species.)

Southern Boobook *Ninox novaeseelandiae*

- 110-44305. Immature banded by J. B. Paton at Gilberton, SA, on 3 Feb., 83. Found dead at Glenside, SA, on 29 Jan., 85. 4 km N.

Scarlet Robin *Petroica multicolor*

- (a) 012-30450. Adult female banded by B. R. Hutchins at Sandy Creek, SA, on 16 June, 75. Recaptured at banding place three times, the last occasion on 3 Aug., 85, over 10 years, 1 month after banding. (This is the oldest recorded for this species.)
- (b) 012-76070. Adult male banded by B. R. Hutchins at Sandy Creek, SA, on 21 June, 79. Recaptured at banding place three times, the last occasion on 3 Aug., 85, over 6 years, 1 month after banding.

Little Shrike-thrush *Colluricincla megarhyncha*

- 040-31667. Adult banded by J. Willows at Iluka, NSW, on 2 Dec. 77. Recaptured at banding place twice, the second occasion by S. G. Lane on 14 June, 85, over 7 years, 6 months after banding.

Grey Shrike-Thrush *Colluricincla harmonica*

- (a) 050-76218. Adult male banded by R. Thoday at Langwarrin, Vic., on 4 July, 77. "Hit by car" between Mornington and Cranbourne, Vic., on 21 Dec. 84, over 7 years, 5 months after banding.
- (b) 050-77005. Banded by H. J. Disney at Iluka, NSW, on 9 Feb., 76. Recaptured near banding place by S. G. Lane on 3 Dec., 83, over 7 years 9 months after banding.

Tawny Grassbird *Megalurus timoriensis*

- (a) 031-59511. Banded by M. P. Hines at Forbes Creek, Dayboro District, Qld, on 11 June, 83. Recaptured at banding place twice, the last occasion on 7 July, 85.
- (b) 031-59523. Banded by M. P. Hines at Forbes Creek, Bayboro District, Qld, on 23 Oct., 83. Recaptured at banding place twice, the last occasion on 26 Aug., 84.

Buff-rumped Thornbill *Acanthiza reguloides*

012-30552. Adult banded by B. R. Hutchins at Sandy Creek, SA on 28 Apr. 79. Recaptured at banding place on 3 Aug. 85, over 6 years, 3 months after banding. (This is the oldest recorded for this species).

Yellow Thornbill *Acanthiza nana*

012-76161. Banded by B. R. Hutchins near Sandy Creek, SA on 5 Aug. 79. Recaptured at banding place on 15 June. 85, over 5 years, 10 months after banding.

Noisy Friarbird *Philemon corniculatus*

070-68942. Adult banded by I. Grant at Hackett, ACT on 23 Jan. 77. Recovered dead at Campbell, ACT on 9 Dec., 84, over 7 years, 10 months after banding, 4 km S.

Little Friarbird *Philemon citreogularis*

061-28357. Juvenile banded by K. Rogers at Knowsley S. F., Vic., on 6 May. 84. "Bird flew into garage" at Rochester, Vic. on 27 Nov., 84, 51 km NNE.

Crescent Honeyeater *Phylidonyris pyrrhoptera*

021-87196. Immature male banded by B. R. Hutchins near Sandy Creek, SA, on 21 June. 79. Recaptured at banding place on 15 June. 85, over 5 years, 11 months after banding.

New Holland Honeyeater*Phylidonyris novaehollandiae*

(a) 031-67625. Immature banded by D. C. Paton at Scott Conservation Park, SA, on 15 Nov. 80. Recaptured at Hale Conservation Park, SA, by T. J. Bradley, on 15 Dec., 84. 80 km N.

(b) 031-75582. Immature banded by T. G. D. Shannon at Yanchep National Park, WA, on 12 Sept. 82. Found dead at Craigie, WA, on 27 Feb. 85. 25 km SSE.

(c) 032-59838. Banded by T. J. Bradley at Hale Conservation Park, SA, on 15 Dec. 84. Found dead at Cheltenham, SA, on 30 May 85. 44 km SW.

Silvereye *Zosterops lateralis*

014-63718. Banded by O. Mueller 46 km NNW Perth, WA, on 1 Feb. 85. Shot at Baldvis, WA, on 4 Mar. 85. 88 km S.

Common Starling *Sturnus vulgaris*

060-06794. Juvenile banded by M. Clayton at Kalecn, ACT on 8 Jan. 85. Found injured (later recovered) at Lyons, ACT on 15 Feb. 85. 14 km SSW.

Satin Bowerbird *Ptilonorhynchus violaceus*

080-90156. Male banded by G. Borgia at Wallaby Creek, NSW on 22 Sept. 81. Found dead at Woodenbong, NSW in Sept. 84. 13 km N.

Australian Magpie *Gymnorhina tibicen*

(a) 090-59072. Adult female banded by J. B. Paton at Yilki, SA on 14 Apr. 68. Recovered "alive and healthy" near banding place on 15 Oct., 84, over 16 years, 6 months after banding.

(b) 090-78002. Adult male banded by J. B. Paton at Beaumont, SA, on 9 Oct. 76. Found dead near banding place on 28 Sept., 84, over 8 years after banding.

LITERATURE REVIEW

A long-term bird population study in an Apalacian Spruce forest. G. A. Hall. (1984). *Wilson Bull.* 96(2): 228-240.

The breeding population in a stand of second growth red spruce forest in eastern West Virginia was determined at 5-year intervals by the spot-mapping method from 1947-1983. From 1962-1983 the population was also monitored annually by a somewhat crude "index method". In these 36 years the overall species composition changed very little, although the number of species and the total number of males underwent a marked reduction, at about the same time the crowns of the spruce trees coalesced and eliminated all other plant species from the area. Since that time the population has remained essentially constant, although a slow decline appears to be taking place. In boreal habitats such as this one the population determined in any one year was very sensitive to weather factors.

Estimating numbers of birds by point counts: How long should counts last? R. J. Fuller and D. R. Langslow. (1984). *Bird Study* 31(3): 195-202.

In the British habitats studied, most species and pairs were seen within 10 minutes. Hence longer point counts are a poor investment of time.

Activity rhythm and feeding success of nesting Night Herons *Nycticorax nycticorax*. M. Fasola. (1984). *Ardea* 72(2): 217-222.

Activities of the Night Heron were observed over the whole daily cycle at the nest site in the pre-laying period and during incubation, as well as at the nest and on the feeding grounds in the nesting period. The distribution of activities over time changed from a sharp day (roosting) night (feeding) rhythm in the pre-laying period to an even distribution of activities in the nesting period when total time devoted to feeding increased.

Effect of edge on breeding forest bird species. R. L. Kroodsmas (1984). *Wilson Bull.* 96(3): 426-436.

Examines the effects of power-line corridor edges on the density of breeding bird species of a forest habitat. This study was based on the density of territories from the edge to unaltered interior habitat, rather than on observations along forest edge. Censuses were conducted along transects parallel to the corridor. Density was estimated for each transect and plotted on distance from the corridor/forest edge. Plots for 22 bird species are presented.