

Weddell Sea (79°S), where South Polar Skuas, Antarctic Petrels and Snow Petrels have all been reported. Non-breeding skuas go even farther south, and have been recorded from the South Pole and from Vostock Station (3 488 m elevation) near the pole (Furness 1987).

Watson (1975) gives the breeding season for Snow Petrels as: egg laying from late November to mid-December, hatching from early to mid-January and fledging about mid-March but notes that in inland mountains the cycle may be delayed as much as a month. Our breeding records are consistent with the delayed schedule.

Our observation of a large skua chick in late January is in better accord with the fledging dates of late January to February reported for this species by Harrison (1983) than those of late February to mid-March given by Watson (1975).

Except for the dependence of the skuas on Snow Petrels as prey, food relations of the species in the Prince Charles Mountains are uncertain. Snow Petrels and Wilson's Storm Petrels both feed on marine organisms and the former have

also been reported scavenging (Watson 1975). The nearest open water is 250 km away and carrion is unavailable in the Prince Charles Mountains. The only birds seen scavenging during the present study were skuas that came to the Glossopteris Gully campsite. This area has been occupied by humans sufficiently frequently in the last few years for them to regard it as a supplemental food source. Detailed observations on the diet and daily movements of all three species of birds would be rewarding.

ACKNOWLEDGMENTS

We are grateful to the other members of the 1989–1990 Prince Charles Mountains expedition for supplementing our observations.

REFERENCES

- Furness, R. W. (1987). 'The Skuas'. (T. & A. D. Poyser: Calton.)
 Harrison, P. (1983). 'Seabirds: An Identification Guide'. (Croom Helm: Beckenham.)
 Watson, G. E. (1975). 'Birds of the Antarctic and Sub-Antarctic'. (American Geophysical Union: Washington.)

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 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:

ANARE — Australian National Antarctic Research Expeditions.
 NSW NPWS GP — New South Wales National Parks and Wildlife Service. Gull Project.

Little Penguin *Eudyptula minor*

- (a) 190-13804. Nestling banded by M. H. Waterman on Troubridge Island, SA on 29 Dec. 86. Recovered dead at Barwon Heads, Vic. on 10 Feb. 91. 690 km ESE.
 (b) 190-20124. Adult banded by R. P. Gales on Albatross Island, Tas. on 15 Sep. 85. Recovered, later died at Portland, Vic. on 12 Apr. 90. 340 km NW.
 (c) 190-61829. Nestling banded by H. Battam on Big Island, Five Islands, NSW on 4 Dec. 90. Recovered dead at Forrester Point, Tas. on 12 Feb. 91. 970 km SSW.

Wandering Albatross *Diomedea exulans*

- (a) BS4111*. Adult female (+1) banded on Crozet Islands Indian Ocean (46°25'S, 52°12'E) on 9 Jan. 71. Recaptured at sea off Bellambi, NSW (34°20'S, 151°00'E) by H. Battam on 16 Jul. 89, over 18 years 6 months after banding. 7 921 km ESE.
 (b) BS7563*. Adult (+1) banded on Crozet Islands, Indian Ocean (46°25'S, 52°12'E) on 30 Jan. 77. Recaptured at sea off Bellambi, NSW (34°20'S, 151°00'E) by H. Battam on 16 Jul. 89, over 12 years 5 months after banding. 7 921 km ESE.

*French Banding Scheme Band.

- (c) R39950[†]. Nestling banded on Campbell Island, South Pacific Ocean (52°28'S, 169°13'E) on 28 June 81. Recovered dead at Waratah Bay, Vic. (38°51'S, 146°00'E) in July 86. 2 336 km WNW.

[†]New Zealand Banding Scheme Band.

Southern Giant-Petrel *Macronectes giganteus*

- (a) 220819*. Juvenile banded on King George Island, Antarctica (62°11'S, 58°50'W) on 9 Feb. 85. Recovered dead at South Beach, Port Denison, WA (29°17'S, 114°55'E) on 27 Aug. 85. 9 827 km S.

*East German Banding Scheme Band.

- (b) 949178[‡]. Nestling banded on Marion Island, South Indian Ocean (46°54'S, 37°45'E) on 7 Feb. 90. Recovered dead, 36 km S of Streaky Bay, SA (33°08'S, 134°16'E) on 11 Sep. 90. 7 835 km ESE.

- (c) 949776[‡]. Nestling banded on Marion Island, South Indian Ocean (46°54'S, 37°45'E) on 1 Feb. 90. Recovered dead at Discovery Bay, near Bridgewater Lakes, Vic. (38°18'S, 141°22'E) on 2 Aug. 90. 7 888 km SE.

[‡]South African Bird Ringing Band.

Northern Giant-Petrel *Macronectes halli*

- 950185*. Nestling banded on Marion Island, South Indian Ocean (46°54'S, 37°45'E) on 8 Feb. 90. Recovered dead at Two Mile Beach, Tas. (42°52'S, 147°57'E) on 3 Dec. 90. 7 905 km SE.

*South African Bird Ringing Band.

Cape Petrel *Daption capense*

- (a) 090-81509. Nestling banded by ANARE on Bluff Island, Davis, Antarctica (68°33'S, 77°54'E) on 16 Feb. 74. Recaptured at banding place by F. I. Norman on 7 Jan. 91. over 16 years, 10 months after banding.
- (b) 090-83926. Nestling banded by ANARE at E Rock, Forbes Glacier, Mawson, Antarctica (62°25'S, 67°38'E) on 20 Feb. 73. Recaptured by F. I. Norman on Bluff Island, Davis, Antarctica (68°33'S, 77°54'E) on 7 Jan. 91. over 17 years, 10 months after banding. 828 km SSE.

Gould's Petrel *Pterodroma leucoptera*

- (a) 060-64819. Adult (+1) banded by J. L. McKean on Cabbage Tree Island, NSW on 11 Dec. 70. Recaptured at banding place by J. Martindale on 19 Dec. 90, over 20 years after banding.
- (b) 060-75986. Adult (+1) banded by J. L. McKean on Cabbage Tree Island, NSW on 9 Dec. 70. Recaptured at banding place by J. Martindale on 20 Dec. 90, over 20 years after banding.

Flesh-footed Shearwater *Puffinus carneipes*

- (a) 161-17108. Banded by S. G. Lane at Ned's Beach, Lord Howe Island on 12 Apr. 72. Recaptured at banding place on 5 Mar. 88. 15 years 10 months after banding.
- (b) 161-25839. Banded by N. M. Swanson on Lord Howe Island on 3 Oct. 73. Recaptured at banding place by S. G. Lane on 5 Mar. 88. over 14 years 5 months after banding.
- (c) 161-76598. Banded by S. G. Lane on Stanley Island, off Point Hillier, WA on 7 Nov. 82. Recovered dead at Middleton Beach, Albany, WA on 6 Apr. 91. over 8 years, 4 months after banding. 70 km E.

Wedge-tailed Shearwater *Puffinus pacificus*

- 161-72205. Nestling banded by S. G. Lane on Big Island, Five Islands, NSW on 17 Apr. 81. Recaptured at banding place by NSW NPWS GP on 18 Oct. 90. over 9 years 6 months after banding.

Short-tailed Shearwater *Puffinus tenuirostris*

- (a) 160-03487. Nestling banded by I. J. Skira on Fisher Island, Furneaux Group, Tas. (40°13'S, 148°14'E) on 29 Mar. 90. Recovered dead at sea (tangled in fishing gear) in NW Pacific Basin, Pacific Ocean (49°59'N, 167°36'E) on 1 June 90. 10 204 km N.
- (b) 160-87302. Nestling banded by G. F. Gayner on Griffith Island, Port Fairy, Vic. on 25 Apr. 81. Recovered dead at Beachport, SA on 7 Oct. 90. over 9 years 5 months after banding. 222 km WNW.
- (c) 161-24749. Adult banded by G. M. Bowker on Griffiths Island, Port Fairy, Vic. on 2 Apr. 72. Recovered dead near West Point, Tas. on 4 Nov. 90. over 18 years 7 months after banding. 352 km SE.
- (d) 161-47836. Nestling banded by V. H. Yeoman on Griffiths Island, Port Fairy, Vic. on 16 Apr. 77. Recovered dead at Beachport, SA on 7 Oct. 90. over 13 years 5 months after banding. 220 km WNW.
- (e) 161-49689. Nestling banded by G. F. Gayner on Griffiths Island, Port Fairy, Vic. on 24 Apr. 76. Recovered dead at Adventure Bay Beach, Bruny Island, Tas. on 6 Jan. 91. over 14 years 8 months after banding. 691 km SSE.
- (f) 162-15324. Nestling banded by P. B. du Guesclin on Griffiths Island, Port Fairy, Vic. on 27 Apr. 90. Recovered dead at Marcola Beach, Qld. on 8 Dec. 90. 1 654 km NE.

Fluttering Shearwater *Puffinus gavia*

- (a) X5450[‡]. Nestling banded on Maud Island, Marlborough Sound, New Zealand (41°01'S, 173°53'E) on 25 Jan. 91. Recovered dead at Altona Beach, Melbourne, Vic. (37°52'S, 144°50'E) on 28 Feb. 91. 2 507 km W.
- (b) X5488*. Nestling banded on Maud Island, Marlborough Sound, New Zealand (41°01'S, 173°53'E) on 25 Jan. 91. Recovered dead at Pettmans Beach near Lakes Entrance, Vic. (37°53'S, 147°57'E) on 16 Feb. 91. 2 245 km W.

*New Zealand Banding Scheme Band.

Australasian Gannet *Morus serrator*

- (a) M50562 Juvenile banded on White Island, Bay of Plenty, New Zealand (37°31'S, 177°12'E) on 23 Jan. 91. Recovered dead at Port Fairy, Vic. (38°23'S, 142°14'E) on 26 Feb. 91, 1 month, 3 days after banding, 3 048 km WNW.

*New Zealand Banding Scheme Band.

(In addition to the above recovery at least seven other juvenile Australasian Gannets banded on White Island, New Zealand in January 1991 have been recovered dead along the south-eastern coast of Australia from Cape Hawk, NSW to Point Ricard, Vic. All recoveries were in Feb./March 1991.)

- (b) 130-19645 Nestling banded by J. R. Wheeler on Lawrence Rocks, Portland, Vic. on 26 Dec. 65. Recovered dead at banding place by C. G. Cooper on 10 Jan. 91, over 25 years after banding.

(On 10 Jan. 91, C. G. Cooper recaptured eight Australasian Gannets on Lawrence Rock, two were 25 years between banding and recapture, the other six were 21 years between banding and recapture. All birds were rebanded.)

- (c) 131-74034. Nestling banded by C. G. Cooper on Lawrence Rocks, Portland, Vic. on 17 Dec. 90. Recaptured at Hopetown, WA on 6 Mar. 91, 1 991 km W.
- (d) 131-74471. Banded by C. G. Cooper on Lawrence Rocks, Portland, Vic. on 17 Dec. 90. Recovered dead at Middleton Beach near Albany, WA on 21 Mar. 91, 3 months, 4 days after banding, 2 144 km W.

Masked Booby *Sula dactylatra*

- (a) 131-44704. Adult (+1) banded on Carola Cay, Marion Reef, Coral Sea on 28 Apr. 80. Band number read in field (bird not trapped) at banding place by T. Walker on 13 Sep. 90, over 10 years 4 months after banding.
- (b) 131-44717. Adult male (+1) banded on North East Cay, Samarez Reef, Coral Sea on 1 May 80. Band number read in field (bird not trapped) at banding place by T. Walker on 10 Sep. 90, over 10 years 4 months after banding.
- (c) 131 67460. Juvenile banded by O. R. Evans on Nepean Island, Norfolk Island (29°04'S, 167°57'E) on 15 Oct. 89. Recovered dead on Tanna Island, Vanuatu (19°30'S, 169°10'E) on 13 Nov. 90, 1 071 km N.

Brown Booby *Sula leucogaster*

- 121 16077. Adult (+1) banded by B. R. King on Raine Island, Qld (11°36'S, 144°01'E) on 13 June 81. Recovered (taken for food) on Kiwai Island, Papua New Guinea (08°35'S, 143°27'E) in 1990, 3-4 km N.

Pied Cormorant *Phalacrocorax varius*

- (a) 130-94403. Nestling banded by M. H. Waterman on Little Goose Island, SA on 10 May 70. Recovered dead at Point Turtan, SA on 23 Jan. 91, over 20 years 8 months after banding, 54 km S.
- (b) 131-13329. Nestling banded by M. H. Waterman at Point Gawler, SA on 20 May 72. Recovered dead at Ardrossen Jetty, SA on 12 Dec. 90, over 18 years 6 months after banding, 56 km WNW.

Silver Gull *Larus novaehollandiae*

- (a) 081-68203. Juvenile banded by P. Ogilvie at Gladstone Rubbish Dump, Qld on 27 Apr. 87. Band number read in field (bird not trapped) by NSW NPWS GP on Big Island, Five Islands, NSW on 30 Jul. 90, 1 183 km S.
- (b) 081 68296. Adult (+1) banded by P. Ogilvie at Rockhampton Rubbish Dump, Qld on 13 May 87. Recaptured on Big Island, Five Islands, NSW by NSW NPWS GP on 22 Nov. 90, 1 236 km S.
- (c) 081 77698. Nestling banded by R. D. Wooller on Carnac Island, WA on 16 Jun. 80. Recovered dead 'taken by wild bird' at Claremont, WA on 8 Jul. 90, over 10 years after banding, 32 km ENE.
- (d) 081 97200. Nestling banded by M. H. Waterman at Outer Harbour, SA on 16 Aug. 86. Band number read in field (bird not trapped) at Hyde Park, Sydney, NSW on 8 Nov. 88, 1 173 km E.
- (e) 081-97635. Nestling banded by M. H. Waterman at Outer Harbour, SA on 16 Aug. 86. Retrapped at Whytes Gully Tip, Dapto, NSW by NSW NPWS GP on 3 May 90, 1 218 km E.

Crested Tern *Sterna bergii*

- (a) 071 03969. Nestling banded by M. H. Waterman on Stoneywell Island, The Coorong, SA on 14 Dec. 69. Recaptured at Wilson's Promontory Lighthouse, Vic. by P. H. Sutton on 25 Apr. 90, over 20 years 4 months after banding, 705 km ESE.
- (b) 071-13521. Nestling banded by M. H. Waterman on Lipson Cove Island, SA on 1 Jan. 72. Recovered dead at Port Lincoln, SA on 19 Feb. 90, over 18 years 1 month after banding, 153 km ESE.
- (c) 071 30436. Nestling banded by M. H. Waterman on Stoneywell Island, The Coorong, SA on 11 Dec. 76. Recovered dead near Murray River Mouth, SA on 6 Jan. 91, over 14 years after banding, 65 km NW.
- (d) 071-40053. Nestling banded by M. H. Waterman on Stoneywell Island, SA on 16 Dec. 78. Recaptured at Wreck Point, Currarong, NSW on 7 Apr. 91, over 12 years, 3 months after banding, 1 031 km E.