

- (b) 023-05194. Adult banded by A. J. Leishman near Appin, NSW on 10 Mar. 79. Recaptured at banding place ten times, the last occasion on 15 Aug. 87, over 6 years 5 months after banding.
- (c) 023-75667. Banded by K. G. Rogers at Mt. Piper, Vic. on 31 May 87. "Killed by cat" at Greensborough, Vic. on 1 Aug. 87. 57 km S.

Brown Honeyeater *Lichmera indistincta*

022-19086. Banded by C. P. S. de Rebeira at Helena Valley, WA on 1 July 82. Recaptured near banding place by D. A. Saunders on 17 June 87, over 4 years 11 months after banding.

Crescent Honeyeater *Phylidonyris pyrrhoptera*

023-32714. Male banded by A. W. J. Fletcher at Goat Bluff, Tas. on 1 Apr. 86. Recaptured at Fern Tree, Tas. by R. M. Patterson on 5 Apr. 87. 17 km NW. (This is the longest movement recorded for this species.)

New Holand Honeyeater

Phylidonyris novaehollandiae

- (a) 030-00338. Male banded by L. W. Filewood at Blue Gum Swamp Creek near Winmalee, NSW on 13 Oct. 79. Recaptured at banding place nine times, the last occasion by J. R. Farrell on 11 Oct. 87, over 7 years 11 months after banding.
- (b) 031-51131. Adult male banded by P. J. Thomas at Blue Gum Swamp Creek near Winmalee, NSW on 7 Aug. 77. Recaptured at banding place six times, the last occasion by J. W. Hardy on 10 Aug. 86, over 8 years 11 months after banding.
- (c) 031-59615. Adult banded by P. J. Thomas at Blue Gum Swamp Creek near Winmalee, NSW on 22 Apr. 79. Recaptured at banding place eight times, the last occasion by J. R. Farrell on 16 Aug. 87, over 8 years 3 months after banding.

Eastern Spinebill *Acanthorhynchus tenuirostris*

- (a) 015-05684. Male banded by D. C. Paton at Watts Gully Forest Reserve, near Kersbrook, SA on 12 July 86. "Killed by cat" at Mount Torrens, SA on 29 June 87. 16 km SSE.
- (b) 015-19379. Banded by G. D. Bell at Ku-ring-gai Wildflower Gardens near St. Ives, NSW on 15 Mar. 87. "Killed by cat" at Galston, NSW on 22 May 87. 14 km W.

Silvereye *Zosterops lateralis*

- (a) 014-12386. Juvenile banded by I. J. Rooke at Black Rock, near Witchcliffe, WA on 20 Dec. 82. "Killed by cat" at Abbey, WA on 23 July 87. 53 km NE.
- (b) 015-48370. Banded by C. R. Jenkin at The Coorong, SA on 16 Mar. 87. Found dead at Murray Bridge, SA on 11 July 87. 174 km NNW.

Red-browed Firetail *Emblema temporalis*

014-78426. Banded by A. J. Leishman at Pappinbarra Field Studies Centre, near Pappinbarra, NSW on 17 Apr. 87. Found dead at Telegraph Point, NSW on 7 Nov. 87. 37 km E. (This is the longest movement recorded for this species.)

Regent Bowerbird *Sericulus chrysocephalus*

061-17492. Banded by D. I. Smedley at Iluka Nature Reserve, Iluka, NSW on 30 Nov. 77. Recaptured at banding place four times, the last occasion as adult male by D. J. Geering on 11 Dec. 86, over 9 years after banding.

Grey Currawong *Strepera versicolor*

100-14455. Adult banded by J. G. K. Harris at Ridgeway, Tas. on 13 Sept. 75. "Band number read in field" near banding place twice, the last occasion on 17 Dec. 85, over 10 years 3 months after banding.

LITERATURE REVIEW

Compiled by D. Purchase.

This section is compiled from journals which are often not available to non-professional ornithologists in Australia. The following criteria are used to select papers for review:

- They relate to species which occur in Australia;
- They provide details of techniques that may be of use in Australia;
- They provide details of studies that may be of general interest to Australian ornithologists.

Journals perused: *Auk* 104(2); *Aust. J. Zool.* 35(2); *Aust. Wildl. Res.* 14(1); *Bird Study* 33(3); *Brit. Birds* 80(2), 80(3), 80(4), 80(5); *Bull. Brit. Orn. Cl.* 107(2); *Condor* 89(2); *Ibis* 129(2); *J. Wildl. Man.* 51(2); *N. American Bird Bander* 11(3), 12(1); *Notornis* 34(2); *Ostrich* 58(1); *Ring and Migration* 7(2), 8(1); *Safring News* 16(1); *Wildl. Soc. Bull.* 15(4).

AUSTRALIAN SPECIES

Great Crested Grebe catching fish attracted to bread. Crowley, D. (1987). *Brit. Birds* 80: 72-73. (Catching small fish attracted to bread thrown to ducks and coots.)

Great Crested Grebe harassing Slavonian Grebe. Parker, R. J. (1987). *Brit. Birds* 80: 73. (After a week or so of harassment the Slavonian Grebe left the lake.)

Ecology and physiology of fasting in King Penguin chicks. Chereh, Y., Stahl, J-C., and Le Mayo, Y. (1987). *Auk* 104: 254-262. (Chicks can fast all winter. Data in this paper may provide an understanding of the strategy of various species for surviving long-term fasting.)

Foraging energetics of Grey-headed Albatrosses *Diomedea chrysostoma* at Bird Island, South Georgia. Costa, D. P., and Prince, P. A. (1987). *Ibis* 129: 149-158. (At-sea metabolism and water turnover were measured using the doubly labelled water method.)

Notes of the seabirds of Wallis and Futuna Islands, southwest Pacific Ocean. Thibault, J.-C., and Guyot, I. (1987). *Bull. Brit. Orn. Cl.* 107: 63-68. (Includes 13 species that also occur in Australia.)

Survival of Mallard ducklings *Anas platyrhynchos* and competition with fish for invertebrates on a flooded gravel quarry in England. Hill, D., Wright, R., and Street, M. (1987). *Ibis* 129: 159-167. (Fish predation reduces the biomass of invertebrates available to ducklings.)

The dark morph of the Marsh Harrier. Clark, W. S. (1987). *Brit. Birds* 80: 61-72. (Refers to the nominate race.)

The Peregrine Falcon, *Falco peregrinus macropus* S., in Tasmania. I Distribution, abundance and physical characteristics of nests. Mooney, N. J. and Brothers, N. P. (1987). *Aust. Wildl. Res.* 14: 81-93. (During 1973-85, 133 nesting territories were located. On average, 89 were occupied each year.)

Radar observations of the stoop of the Peregrine Falcon *Falco peregrinus* and the Goshawk *Accipiter gentilis*. Alerstam, T. (1987). *Ibis* 129: 267-273. (Information on speeds and angles of stoops.)

Water flux in Malleefowl, *Leipoa ocellata* Gould (Megapodiidae). Booth, D. T. (1987). *Aust. J. Zool.* 35: 147-159. (Water efflux was monitored over a complete annual cycle.)

Home range and hatching success of Malleefowl, *Leipoa ocellata* Gould (Megapodiidae), in Murray mallee near Renmark, S.A. Booth, D. T. (1987). *Aust. Wildl. Res.* 14: 95-104. (A study at 27 active mounds during 1981-85. Radio transmitters were attached to six birds.)

Yellow orbital ring of Semipalmated and Ringed Plovers. Chandler, R. J. (1987). *Brit. Birds* 80: 241-242. (The orbital ring should provide a useful feature for separating juvenile Semipalmated and Ringed Plovers.)

Kentish Plover clutch hatching after prolonged incubation. Walters, J. (1987). *Brit. Birds* 80: 73-74. (Incubation was 42-44 days instead of usual 23-29 days.)

Separation of Pintail Snipe from Snipe. Olsson, U. (1987). *Brit. Birds* 80: 248-249. (Differences in the pattern of the lower scapulars.)

A new character for age determination in the Bar-tailed Godwit *Limosa lapponica*. Cronau, J. P., de Goede, R. G. M. and Nieboer, E. (1986). *Ring and Migration* 7: 135-138. (A new measurable character to assist in aging.)

Long-toed Stint with dark legs. Carey, G. J. (1987). *Brit. Birds* 80: 1-12. (Observed in summer plumage in north-east China.)

Population, biometrics and movements of the Sanderling *Calidris alba* in Southern Africa. Summers, R. W., Underhill, L. G., Waltner, M. and Whitelaw, D. A. (1987). *Ostrich* 58: 24-39. (This species can be aged and sexed from measurements.)

Ageing criteria for Dunlins in the field. Clark, N. A. (1987). *Brit. Birds* 80: 242-246. (How to age Dunlins by observation.)

Mating system and nesting biology of the Red-necked Phalarope *Phalaropus lobatus*: what constrains polyandry? Reynolds, J. D. (1987). *Ibis* 129: 225-242. (Sex-role is reserved in phalaropes and the availability of mates appears to limit polyandry.)

Behaviour of Arctic and Pomarine Skuas and identification of immatures. Davenport, D. L. (1987). *Brit. Birds* 80: 167-168. (Behaviour differences useful in separating the species.)

A Caspian Tern feeding on the ground. Middleton, A. J. (1987). *Notornis* 34: 116. (Pecking and probing while walking across mud.)

Feeding techniques and field identification of Arctic, Common and Roseate Terns. Kirkham, I. R., and Nisbet, I. C. T. (1987). *Brit. Birds* 80: 41-47. (Flight patterns useful for distinguishing species.)

Feeding ecology of the Cockatiel, *Nymphicus hollandicus*, in a grain-growing area. Jones, D. (1987). *Aust. Wildl. Res.* 14: 105-115. (They fed on seeds from four grain-crops, 17 grasses and eight non-grass ground plants.)

Effects of nestling diet on growth and adult size of Zebra Finches (*Poephila guttata*). Boag, P. T. (1987). *Auk* 104: 155-166. (Nine morphological characters were reduced by a low-quality diet and increased by a high-quality diet.)

The foods of nesting and adult Starlings (*Sturnus vulgaris*) poisoned by Lindane. Laszlo, S. (1987). *Notornis* 34: 89-94. (After an accidental poisoning in Yugoslavia 242 stomachs were analysed.)

Winter movements and habitat use of Starlings in Norfolk. Summers, R. W. and Cross, S. J. (1987). *Ring. and Migr.* 8: 11-18. (A study of 452 wing-tagged birds with sightings to 130 km from banding site.)

The relative importance of invertebrates and barley in the diet of Starlings *Sturnus vulgaris*. Fearc, C. J., and McGinnity, N. (1986). *Bird Study* 33: 164-167. (Provided over half their food consisted of invertebrates. Starlings could utilize barley - probably as an easily gathered high-energy food.)

TECHNIQUES

Age determination of Hudsonian Spruce Grouse using primary feathers. Szuba, K. J., Bendell, J. F., and Naylor, B. J. (1987). *Wildl. Soc. Bull.* 15: 539-543. (Uses calamus diameter of 1st primary, shape of tip of 10th primary, and colour of tip of 9th primary.)

A graphical method to determine the ordering of moult, illustrated with data from the Blackshouldered Kite *Elanus caeruleus*. Underhill, L. G. (1986). *Bird Study* 33: 140-143. (When the order is not constant and the pattern complex, it is difficult to discover the usual pattern simply by inspecting the data. This paper illustrates a method that produces a graphical plot from which it is relatively easy to deduce the usual ordering.)

Patagial tags for Herring Gulls: improved durability. Hart, A. D. M. (1987). *Ring. and Migr.* 8: 19-26. (A modified method of attachment.)

Colour band loss in Cape Gannets. Colclough, J. H., and Ross, G. J. B. (1987). *Safring News* 16: 35-37. (About 26% of darvic bands sealed with cyano-acrylate adhesive were lost over four years. More black were lost than other colours. Results had been much worse for unsealed bands.)

Electronic activity recorders for aquatic wildlife. Cairns, D. K., Bredin, K. A., Birt, V. L., and Montevecchi, W. A. (1987). *J. Wildl. Manage.* 51: 395-399. (Records time spent diving, on surface of water, and out of water.)