

Striated Thornbill *Acanthiza lineata*

012-68577. Adult banded by T. J. Bradley at Hale Conservation Park, SA on 12 June 75. Recaptured at banding place on 20 June 81, over 5 years 11 months after banding.

White-throated Treecreeper*Climacteris leucophaea*

031-35797. Banded by T. J. Bradley at Hale Conservation Park, SA on 2 June 75. Recaptured at banding place on 12 Dec. 82, over 7 years 6 months after banding.

Yellow-faced Honeyeater*Lichenostomus chrysops*

022-55003. Adult banded by J. W. Hardy at Blue Gum Creek, Winmalee, NSW on 24 Oct. 81. Recaptured at banding place twice, the last occasion by J. R. Farrell on 13 Nov. 88, over 7 years after banding.

Silvereeye *Zosterops lateralis*

015-63487. Adult banded by D. J. Geering at Yurager National Park, Minnie Water, NSW on 9 June 88. Recaptured by R. M. Patterson at Swanwick, Tas. on 6 Feb. 89. 1 443 km S.

Grey Butcherbird *Cracticus torquatus*

060-36774. Immature banded by S. G. Lane at Pennant Hills Park, NSW on 12 June 72. Recaptured by T. Allan at Turramurra, NSW on 30 Dec. 88, over 16 years 6 months after banding. 5 km E. (This is the oldest recorded for this species).

Lawes' Parotia *Parotia lawesii*

061-17908. Adult female banded by T. K. Pratt at Mount Missim, near Wau, Papua New Guinea on 28 Oct. 78. Recaptured at banding place by S. G. Pruett-Jones on 7 Dec. 86, over 8 years 1 month 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 and equipment that may be of use in Australia;
- they provide details of studies that may be of general interest to Australian ornithologists.

Journals perused: *Auk* 105(3); *Bokmakierie* 39(1), 40(3); *Living Bird Quarterly* 7(4), 8(1); *Malayan Naturalist* 40(3 & 4), 41(2); *Malayan Nature Journal* 40(3 & 4), 41(2 & 3); *N. Amer. Bird Bander* 12(4), 13(2); *Orn. Beob.* 85(4); *Ornis Fennica* 64(1 & 4); *Point Reyes Bird Observatory Newsletter* 76, 79, 82; *Safring* 17(2); and *Wilson Bull.* 100(3).

AUSTRALIAN SPECIES

Breeding penguins and the marine food web, Austral summer. Trivelpiece, W.Z. (1988). *Point Reyes Bird Observatory Newsletter* 79: 1-4, 12. (A brief account of the feeding ecology of Gentoo, Chinstrap, and Adelie Penguins).

Co-ordination of incubation routines and mate choice in Adelie Penguins (*Pygoscelis adeliae*). Davis, L. S. (1988). *Auk*. 105: 428-432. (Pairs had to co-ordinate their feeding trips with the incubation period and with each other. Those that did, remained together next season; those that did not, separated.)

The Mute Swan *Cygnus olor* in Estonia. Renno, O. and Paakspuu, V. (1987). *Ornis Fennica* 64: 23. (After being exterminated, probably by poachers, the Mute Swan recolonized Estonia in 1959 and numbers are increasing.)

The Mute Swan *Cygnus olor* in Ostrobothnia in 1970-1986. Hasbacka, H. and Ulfvens, J. (1987). *Ornis Fennica* 64: 27-30. (Data are presented on the expansion of the Mute Swan in SW Finland.)

Osprey hunting on ground for small mammals. Werren, J. H. and Peterson, C. J. (1988). *Wilson Bull.* 100: 504. (Took a ground squirrel while walking.)

The Peregrine Falcon in the south-western Cape Province. Pepler, D. and Martin, R. (1988). *Bokmakierie* 40: 80, 84. (An introductory article to a survey of breeding density.)

Ring-necked Pheasant parasitism of Wild Turkey nests. Schmutz, J. A. (1988). *Wilson Bull.* 100: 508-509. (This species is known to lay eggs in the nests of several other species.)

Site fidelity and survival differences between two groups of New World Red Knots (*Calidris canutus*). Harrington, B. A., Hagan, J. M. and Leddy, L. E. *Auk*. 105: 439-445. (These birds spend winter in two areas widely separated in latitude: the Atlantic coast of Patagonia; and the Gulf coast of Florida. Resighting of banded birds showed no interchange between these groups. The annual survival rate of the Florida groups was twice that of the Patagonia group.)

The hybrid skua: a Southern Ocean enigma. Parmelee, D. F. (1988). *Wilson Bull.* 100: 345-356. (Mixed pairs of South Polar Skuas and Brown (=Great) Skuas were studied near the Antarctic Peninsula. Field identification of hybrids was difficult.)

Status of Caspian Terns *Sterna caspia* in the Baltic. Hario M., Kastepold, T., Kilpi, M., Staav, R. and Stjernberg, T. (1987). *Ornis Fennica* 64: 154-157. (A survey in the summer of 1984 revealed that the population had decreased by a quarter since the early 1970s.)

Nest-site selection and temporal patterns in habitat use of Roseate and Common Terns. Burger, J. and Gochfeld, M. (1988). *Auk*. 105: 433-438. (Both species occurred in the same colony but chose different nesting habitats.)

TECHNIQUES AND ANALYSES

Radio controlled bow-net for American Kestrels. Bryan, J. R. (1988). *N. Amer. Bird Bander* 13: 30-32. (This trap may have application to other species and individuals that are wary and hard to capture.)

Dealing with wet captive birds. Yunick, R. P. (1988). *N. Amer. Bird Bander* 12: 177. (Use of a low power (<500 watts) hair dryer.)

Survival of aluminium and monel bands on Black Brant. Lensink, C. J. (1988). *N. Amer. Bird Bander* 13: 33-35. (Monel bands proved far superior to aluminium bands.)

Red color bands reduce fledging success in Red-cockaded Woodpeckers. Hagan, J. M. and Reed, J. M. (1988). *Auk*. 105: 498-503. (Males with red-bands fledged fewer young than males without red bands. Other colours were unrelated to fledging success.)

Monitoring territory, survival and breeding in the Longtail Wagtail. Piper, S. E. and Schultz, D. M. (1988). *Safring News* 17: 65-76. (This paper illustrates the importance of acquiring an understanding of what questions are to be answered and how they are to be answered, BEFORE a colour-banding study is undertaken. It should be read by all banders who are contemplating a colour-banding study.)

Marking of insemination encounters with cloacal microspheres. Quay, W. B. (1988). *N. Amer. Bird Bander* 13: 36-40. (A method of individually marking male sperm for subsequent identification in the cloacas of females.)

Life and death in our coastal waters, PRBO's Beached Bird Survey, part 1. Stenzel, L. (1988). *Point Reyes Bird Observatory Newsletter* 82: 1-4. (An introductory paper to a beached bird survey which has continued for 14 years along the Californian coast.)

Scanning for optics. Bonney, R. E. and Baringer, J. (1988). *Living Bird Quarterly*. 7: 18-21. (Twenty-seven binoculars from 8 manufacturers were tested for optical performance, field of view, minimum focusing distance, water resistance, focusing, weight, comfort, and quality. The most highly rated was the Zeiss Dyalyt 7x42 B/GA T CP (price U.S. \$1 030) and the best value for money was the Swift Audubon 8.5x44 BWCP (at U.S. \$318).)

Birding by ear. Gillard, L. (1988). *Bokmakierie* 40: 74-76. (An introduction to the tape-recording of bird calls. The first half of a two-part article.)

PAPERS OF GENERAL INTEREST

A classification of the living birds of the world based on DNA-DNA hybridization studies. Sibley, C. G., Ahlquist, J. E. and Monroe, B. L. (1988). *Auk*. 105: 409-423. (This classification contains a number of radical changes to the arrangement to which we are accustomed.)

A partial classification of waterfowl (Anatidae) based on single-copy DNA. Madson, C. S., McHugh, K. P. and de Kloet, S. R. (1988). *Auk*. 105: 452-459. (Phylogenetic relationships were established among 13 species of waterfowl, including Magpie Goose, Plumed Whistling-Duck and Freckled Duck.)

Radar and visual observations of autumnal (southward) shorebird migration on Guam. Williams, T. C. and Williams, J. M. (1988). *Auk*. 105: 460-466. (Observations indicate a significant number migrate over the western Pacific Ocean. There were two periods of migration: the first in August and September of largely adult birds; and the second in late September and October of largely juveniles.)

'Interwader' and the conservation of coastal wetlands. Davison, G. (1987). *Malayan Naturalist* 40: 19-21. (Identifies the important feeding sites for migrating waders in Peninsular Malaysia and discusses the threat to them by the activities of man.)

Singapore bird report 1985. Hails, C. (1987). *Malayan Naturalist* 41: 11-14, 19-22. (Includes a number of species that migrate to Australia.)

Weather-dependent mixed-species flocking during the winter. Klein, B. C. (1988). *Auk*. 105: 583-584. (Mixed-species flocking increases foraging efficiency and predation protection.)

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