

CSIRO Publishing

Emu



Volume 98, 1998
© Birds Australia 1998

All enquiries and manuscripts should be directed to



CSIRO
PUBLISHING

Emu

CSIRO Publishing
PO Box 1139 (150 Oxford St)
Collingwood, Vic. 3066, Australia

Telephone: 61 3 9662 7622

Fax: 61 3 9662 7611

Email: emu@publish.csiro.au



Birds Australia

Published by CSIRO Publishing
for the Royal Australasian Ornithologists Union

www.publish.csiro.au/journals/emu

Index of Authors, Subjects and Scientific Names

Volume 98

Compiled by Eleanor Russell

- Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *A. pusilla* 169
Acanthagenys rufogularis 238
 Activity budget of *Leipoa ocellata* 288-296
 Adelie Penguin 136-137
Ailuroedus crassirostris 261, 263, 264, 266, *A. melanotis* 256
 ALDWORTH, K. see DWYER, P.K.
 AMAT, J. see MORENO, J.
 American Golden Plover 117-126
Amytornis textilis 82-83
 Anatomy and morphology of *Melopsittacus undulatus* 32-35, *Ninox* spp. 197-208
Anous minutus 18, 44-57, *A. stolidus* 18, 44-57
 Antarctic Petrel 234
Aplonis metallica 19
 Apostlebird 178-183
Aquila audax 23-31
 Archaeological sites and birds 13-22
 Archbold's Bowerbird 261, 263, 264, 266
Archboldia papuensis 261, 263, 264, 266
Arenaria interpres 117-126
 ARIDIS, J. see SMITH, G.C.
 Australasian Gannet 147-150
 Australian Hobby 1-12
 Australian Kestrel 297, 303
 Avifauna of Mussau Island 13-22
- BAKER, S. see BARBRAUD, C.
 Bar-tailed Godwit 117-126
 BARBRAUD, C. & BAKER, S. Fulmarine petrels and South Polar Skua *Catharacta maccormicki* populations on Ardery Island, Windmill Islands, Antarctica 234-236
Barnardius zonarius 238
 Behaviour of *Aquila audax* 23-31, *Corcorax melanorhamphos* 320-324, *Daphoenositta chrysoptera* 85-96, *Dromaius novaehollandiae* 324-327, *Elanus notatus* 1-12, *E. scriptus* 1-12, *Eulabeornis castaneiventris* 74-78, *Falco berigora* 1-12, *F. cenchroides* 1-12, *F. longipennis* 1-12, *F. peregrinus* 1-12, *F. subniger* 1-12, *Leipoa ocellata* 288-296, *Ninox natalis* 221-226, 227-233, *Philemon corniculatus* 269-275, *Prionodura newtoniana* 245-268, *Ptiloris victoriae* 138-142, *Puffinus pacificus* 317-319, *Pygoscelis adeliae* 136-137, *P. antarctica* 192-196, *Rhipidura leucophrys* 62-65, *Strepera graculina* 157-170, *Struthidea cinerea* 178-183, *Turnix melanogaster* 171-177, *Xanthomyza phrygia* 65-69, 97-103, *Zosterops* spp. 70-74
 Behaviour, anti-predator 320-324, breeding 85-96, 245-268, 269-275, 317-319, burrow use 317-319, diet 23-31, displays 320-324, distraction 257, feeding 62-65, 74-78, 79-82, 227-233, feeding chases 192-196, groups 85-96, 178-183, 324-327, homosexual 136-137, incubation 245-268, 288-296, mate-fidelity 269-275, migratory 269-275, 317-319, mound-tending 288-296, nest defence 320-324, nest site tenacity 245-268, 269-275, nesting 245-268, pair 288-296, parental 85-96, 138-142, 192-196, 245-268, 288-296, 297-304, parental investment 297-304, predatory 23-31, roosting 65-69, 85-96, 171-177, 227-233, sex differences 171-177, 288-296, 297-304, sibling aggression 192-196, site fidelity 269-275, social 85-96, 171-177, 178-183, territorial 85-96, 171-177, use of anvil 74-78, vigilance 324-327, vocal 1-12, 70-74, 85-96, 221-226
 Biogeography of *Ninox squampila* complex 197-208
 Biogeography, island 70-74, 74-78
 Birds and fisheries 36-43, 44-57, 305-316
 BISHOP, K.D. review by 154-155
 Bismarck Archipelago 13-22
 BLABER, S.J.M., MILTON, D.A., FARMER, M.J. & SMITH, G.C. Seabird breeding populations on the far north Great Barrier Reef, Australia: trends and influences 44-57
 Black Falcon 1-12
 Black Noddy 18, 44-57
 Black-breasted Button-quail 171-177
 Black-browed Albatross 305-316
 Black-naped Tern 44-57
 Black-shouldered Kite 1-12
 Black-tailed Godwit 117-126
 Black-winged Stilt 117-126
 Blue-crowned Hanging-Parrot 34
 Blue-winged Parrot 34
 BOLAND, C.R.J. Helpers improve nest defence in cooperatively breeding White-winged Choughs 320-324

- BOLES, W.E. A Budgerigar *Melopsittacus undulatus* from the Pliocene of Riversleigh, north-western Queensland 32-35
- BOULET, M. see OLSEN, P.
- Bourke's Parrot 34
- BRADLEY, J.S. see GARKAKLIS, M.J.
- Breeding colonies of *Morus serrator* 147-150
- Breeding of *Amytornis textilis* 82-83, *Butoroides striatus patruelis* 132-136, *Corcorax melanorhamphos* 320-324, *Daphoenositta chrysoptera* 85-96, *Eudyptes pachyrhynchus* 127-131, *Philemon corniculatus* 269-275, *Prionodura newtoniana* 245-268, *Xanthomyza phrygia* 104-116
- Breeding phenology of *Puffinus pacificus* 317-319
- Breeding season of *Anous minutus* 44-57, *A. stolidus* 44-57, *Butoroides striatus patruelis* 132-136, *Fregata ariel* 44-57, *F. minor* 44-57, *Prionodura newtoniana* 245-268, *Puffinus pacificus* 317-319, *Sterna anaethetus* 44-57, *S. bengalensis* 44-57, *S. bergii* 44-57, *S. caspia* 44-57, *S. dougalli* 44-57, *S. fuscata* 44-57, *S. sumatrana* 44-57, *Sula leucogaster* 44-57, *Xanthomyza phrygia* 104-116
- Breeding success of *Butoroides striatus patruelis* 132-136, *Daphoenositta chrysoptera* 85-96, *Prionodura newtoniana* 245-268, *Xanthomyza phrygia* 97-103, 104-116
- BRENNAN, K. see WOINARSKI, J.C.Z.
- Bridled Tern 44-57
- BROOKER, B. Evidence of long laying intervals by the Thick-billed Grasswren *Amytornis textilis* 82-83
- BROOKER, M.G. Fire and birds in a Western Australian heathland 276-287
- Brown Booby 15, 44-57
- Brown Falcon 1-12
- Brown Noddy 18
- Brown Thornbill 169
- Budgerigar 32-35
- BUNCE, A. see NORMAN, F.I.
- Burrows 143-146
- Burrows of *Puffinus pacificus* 317-319
- Butoroides striatus patruelis* 132-136
- By-catch, fishery 305-316
- Cacatua* sp. 19
- Calidris acuminata* 117-126, *C. alba* 117-126, *C. canutus* 117-126, *C. ferruginea* 117-126, *C. ruficollis* 117-126, *C. tenuirostris* 117-126
- Calls (see vocalisations)
- Caloenas nicobarica* 18
- CALVER, M.C. see MAXWELL, M.
- Cape Petrel 234
- CARRASCAL, L.M. see MORENO, J.
- Caspian Tern 44-57
- Catharacta maccormicki* 234-236
- Census methods 143-146
- Census of *Ninox natalis* 209-220
- Census, by playback 58-61
- CHAPMAN, G. The social life of the Apostlebird
Struthidea cinerea 178-183
- Charadrius leschenaultii* 117-126, *C. mongolus* 117-126, *C. ruficapillus* 117-126
- Charmosyna papou* 34, *C. pulchella* 34
- CHATTO, R. see WOINARSKI, J.C.Z.
- Chestnut Rail 74-78
- Chinstrap Penguin 192-196
- Chlamydera maculata* 261, 263, 264, 266, *C. nuchalis* 261, 263, 264, 266
- CHRISTIDIS, L. see NORMAN, J.A.
- Christmas Island Hawk-Owl 197-208, 209-220, 221-226, 227-233
- Clutch size of *Butoroides striatus patruelis* 132-136, *Daphoenositta chrysoptera* 85-96, *Prionodura newtoniana* 253, *Xanthomyza phrygia* 104-116
- Common Greenshank 117-126
- Common Noddy 44-57
- Common Starling 166
- Common Tern 18
- Communal roosting of *Xanthomyza phrygia* 65-69
- Conservation and management of *Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *Anous minutus* 44-57, *A. stolidus* 44-57, *Fregata ariel* 44-57, *F. minor* 44-57, *Malurus splendens* 269-275, *Ninox natalis* 197-208, 209-220, 221-226, 227-233, *Ninox rufa* 58-61, *Petroica multicolor* 269-275, *Procellaria westlandica* 36-43, of seabirds 305-316, *Sterna anaethetus* 44-57, *S. bengalensis* 44-57, *S. bergii* 44-57, *S. caspia* 44-57, *S. dougalli* 44-57, *S. fuscata* 44-57, *S. sumatrana* 44-57, *Sula leucogaster* 44-57
- Cooperative breeding of *Corcorax melanorhamphos* 320-324, *Daphoenositta chrysoptera* 85-96, *Struthidea cinerea* 178-183
- Corcorax melanorhamphos* 181, 320-324
- Corvus bennetti* 238
- Crested Tern 44-57
- Curlew Sandpiper 117-126
- Cyclopsitta diophthalma* 34, *C. guliemiterti* 34
- Daphoenositta chrysoptera* 85-96
- Daption capense* 234

- DAVIS, L.S., HUNTER, F.M., HARCOURT, R.G. & HEATH, S.M. Reciprocal homosexual mounting in Adelie Penguins *Pygoscelis adeliae* 136-137
- DAVIS, L.S. see MCQUEEN, S.M.
- DEBUS, S. The birds of prey of Australia: a field guide (Review) 328
- DIAMOND, J. Geographic variation in vocalisations of the White-eye Superspecies *Zosterops [griseotinctus]* in the New Georgia group 70-74
- Diet (see Food and Feeding Habits)
- Diomedea cauta* 305-316, *D. chlororhynchos* 305-316, *D. chrysostoma* 305-316, *D. exulans* 305-316, *D. melanophrys* 305-316
- Dispersal of *Philemon corniculatus* 269-275
- Distribution, altitudinal 58-61
- Distribution of breeding seabirds 44-57
- Distribution of *Anous minutus* 44-57, *A. stolidus* 44-57, *Eulabeornis castaneoventris* 74-78, *Fregata ariel* 44-57, *F. minor* 44-57, *Ninox rufa* 58-61, *Sterna anaethetus* 44-57, *S. bengalensis* 44-57, *S. bergii* 44-57, *S. caspia* 44-57, *S. dougalli* 44-57, *S. fuscata* 44-57, *S. sumatrana* 44-57, *Sula leucogaster* 44-57
- DNA sequences in *Ninox* spp. 197-208
- Domestic Chicken 16
- Double-eyed Fig-Parrot 34
- DOYLE, V. see OLSEN, P.
- Dromaius novaehollandiae* 324-327
- Ducula* sp. 18
- DWYER, P.K. & ALDWORTH, K. The 'Burrowscope': modifications to burrow viewing equipment 143-146
- Eastern Curlew 117-126
- Ecology of *Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *Aquila audax* 23-31, *Arenaria interpres* 117-126, *Calidris acuminata* 117-126, *C. alba* 117-126, *C. canutus* 117-126, *C. ferruginea* 117-126, *C. ruficollis* 117-126, *C. tenuirostris* 117-126, *Charadrius leschenaultii* 117-126, *C. mongolus* 117-126, *C. ruficapillus* 117-126, *Heteroscelis brevipes* 117-126, *Himantopus himantopus* 117-126, *Limosa lapponica* 117-126, *L. limosa* 117-126, *Malurus splendens* 269-275, *Numenius madagascariensis* 117-126, *N. phaeopus* 117-126, *Petroica multicolor* 269-275, *Pluvialis dominica* 117-126, *P. squatarola* 117-126, *Prionodura newtoniana* 245-268, *Rhipidura leucophrys* 62-65, *Tringa nebularia* 117-126, *T. stagnatilis* 117-126, *Xenus cinereus* 117-126
- Ecology, diversity 117-126, feeding 62-65, habitat selection 117-126, habitat specialisation 117-126, population density 276-287, predator-prey relationships 23-31, prey selection 23-31
- Eggs of *Prionodura newtoniana* 245-268
- Eggs, laying interval 82-83, 85-96, 245-268
- Elanus notatus* 1-12, *E. scriptus* 1-12
- Elegant Parrot 34
- Emblema pictum* 238
- Emu 324-327
- Energy expenditure of *Leipoa ocellata* 288-296, *Rhipidura leucophrys* 62-65
- Eudyptes pachyrhynchus* 127-131
- Eulabeornis castaneoventris* 74-78
- Evolution of vocalisations 70-74
- Evolution of *Zosterops* spp. 70-74
- Fairy-Martin 184-191
- Falco berigora* 1-12, *F. cenchroides* 1-12, 297-304, *F. longipennis* 1-12, *F. peregrinus* 1-12, 297-304, *F. subniger* 1-12
- FARMER, M.J. see BLABER, S.J.M.
- Feeding chases in *Pygoscelis antarctica* 192-196
- Finsch's Pygmy-parrot 34
- Fiordland Crested Penguin 127-131
- Fire, effects of, on *Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *Malurus splendens* 269-275, *Petroica multicolor* 269-275
- FISHER, A. see WOJNARSKI, J.C.Z.
- Fisheries and birds 36-43, 44-57, 305-316
- Fishery by-catch 305-316
- Food and breeding success in *Procellaria westlandica* 36-43
- Food and feeding habits of *Acanthagenys rufogularis* 238, *Aquila audax* 23-31, *Barnardius zonarius* 238, *Corvus bennetti* 238, *Daphoenositta chrysoptera* 85-96, *Emblema pictum* 238, *Eulabeornis castaneoventris* 74-78, *Lichenostomus keartlandi* 238, *L. penicillatus* 238, *L. virescens* 238, *Malurus lambertii* 238, *Ninox natalis* 227-233, *Prionodura newtoniana* 245-268, *Procellaria westlandica* 36-43, *Ptiloris victoriae* 138-142, *Pygoscelis antarctica* 192-196, *Rhipidura leucophrys* 62-65, *Strepera graculina* 157-170, *Struthidea cinerea* 178-183, *Taenopygia guttata* 238
- Food and feeding habits, methods of measurement 36-43
- FORD, H.A. Faithfulness to breeding site and birthplace in Noisy Friarbirds *Philemon corniculatus* 269-275
- Fossils of *Melopsittacus undulatus* 32-35
- FREEMAN, A.N. review by 243-244
- FREEMAN, A.N.D. Diet of Westland Petrels *Procellaria westlandica*: and the importance of fisheries waste during chick-rearing 36-43
- Fregata ariel* 44-57, *F. minor* 44-57

- FRENCH, K. see GEERING, D.
- FRITH, C.B. & FRITH, D.W. Additional notes on the nesting biology of Victoria's Riflebird *Ptiloris victoriae* 138-142
- FRITH, C.B. & FRITH, D.W. Nesting biology of the Golden Bowerbird *Prionodura newtoniana* endemic to Australian tropical rainforest 245-268
- FRITH, D.W. see FRITH, C.B.
- Fulmarus glacialis* 234
- Gallus gallus* 16
- GARKAKLIS, M.J., SIMS, C.J., BRADLEY, J.S. & WOOLLER, R.D. The breeding phenology of Wedge-tailed Shearwaters *Puffinus pacificus* on Rottnest Island, Western Australia 317-319
- GEERING, D. & FRENCH, K. Breeding biology of the Regent Honeyeater *Xanthomyza phrygia* in the Capertee Valley, New South Wales 104-116
- Genetic variation in *Ninox* spp. 197-208
- Geographic variation of *Zosterops* spp. 70-74
- Glossopsitta concinna* 34, *G. porphyrocephala* 34, *G. pusilla* 34
- Golden Bowerbird 245-268
- Golden Plover 17
- Golden Whistler 168
- Golden-shouldered Parrot 34
- GOVANSTONE, A.P. see NORMAN, F.I.
- Great Barrier Reef and seabird populations 44-57
- Great Bowerbird 261, 263, 264, 266
- Great Frigatebird 44-57
- Great Knot 117-126
- Green Catbird 261, 263, 264, 266
- Grey Petrel 314
- Grey Plover 117-126
- Grey-headed Albatross 305-316
- Grey-headed Honeyeater 238
- Grey-headed Robin 257
- Grey-tailed Tattler 117-126
- Habitat of *Arenaria interpres* 117-126, *Calidris acuminata* 117-126, *C. alba* 117-126, *C. canutus* 117-126, *C. ferruginea* 117-126, *C. ruficollis* 117-126, *C. tenuirostris* 117-126, *Charadrius leschenaultii* 117-126, *C. mongolus* 117-126, *C. ruficapillus* 117-126, *Eulabeornis castaneiventris* 74-78, *Heteroscelis brevipes* 117-126, *Himantopus himantopus* 117-126, *Limosa lapponica* 117-126, *L. limosa* 117-126, *Numenius madagascariensis* 117-126, *N. phaeopus* 117-126, *Pluvialis dominica* 117-126, *P. squatarola* 117-126, *Tringa nebularia* 117-126, *T. stagnatilis* 117-126, *Xenus cinereus* 117-126
- Habitat use by *Turnix melanogaster* 171-177
- HARCOURT, R.G. see DAVIS, L.S.
- Hatching, timing 245-268
- HEATH, S.M. see DAVIS, L.S.
- Herald Petrel 15
- Heteromyias albispecularis* 257
- Heteroscelis brevipes* 117-126
- HILL, F.A.R. & LILL, A. Density and total population estimates for the threatened Christmas Island Hawk-Owl *Ninox natalis* 209-220
- HILL, F.A.R. & LILL, A. Diet and roost site characteristics of the Christmas Island Hawk-Owl *Ninox natalis* 227-233
- HILL, F.A.R. & LILL, A. Vocalisations of the Christmas Island Hawk-Owl *Ninox natalis*: individual variation in advertisement calls 221-226
- HILL, F.A.R. see NORMAN, J.A.
- Himantopus himantopus* 117-126
- Hirundo ariel* 184-191, *H. neoxena* 188
- Hooded Parrot 34
- Homosexual behaviour of *Pygoscelis adeliae* 136-137
- HOUGH, D., WONG, B., BENNETT, G., BRETTSCHEIDER, K., SPINOCCHIA, M., MANNION, N. & HEINSOHN, R. Vigilance and group size in Emus 324-327
- House Sparrow 166, 169
- HUNTER, F.M. see DAVIS, L.S.
- Incubation and incubation period of *Butoroides striatus patruelis* 132-136, *Daphoenositta chrysoptera* 85-96, *Eudytes pachyrhynchus* 127-131, *Leipoa ocellata* 288-296, *Prionodura newtoniana* 245-268, *Ptiloris victoriae* 138-142, *Strepera graculina* 158, *Xanthomyza phrygia* 104-116
- INSKIPP, T. LINDSEY, N. & DUCKWORTH, N. An annotated checklist of the birds of the Oriental region (Review). 155-156
- Island Biogeography 13-22, 70-74, 74-78
- JONES, D.N., DEKKER, R.W.R.J. & ROSELAAR, C.S. The Megapodes (Review) 154-155
- JURISEVIC, M.A. Comparison of vocalisations of Australian falcons and elanine kites 1-12
- KANOWSKI, J. The abundance of the Rufous Owl *Ninox rufa* in upland and highland rainforests of north-east Queensland 58-62
- KIRCH, P.V. see STEADMAN, D.W.

- KLAER, N. & POLACHECK, T. The influence of environmental factors and mitigation measures on by-catch rates of seabirds by Japanese longline fishing vessels in the Australian region 305-316
- KLOMP, N.I. see NICHOLLS, D.G.
- Lathamus discolor* 34
- LEES, N. see SMITH, G.C.
- Leipoa ocellata* 288-296
- Lesser Crested Tern 44-57
- Lesser Frigatebird 44-57
- Lesser Sooty Owl 58-61
- Letter-winged Kite 1-12
- Lewin's Honeyeater 168
- LEY, A.J. see OLIVER, D.L.
- Lichenostomus keartlandi* 238, *L. penicillatus* 238, *L. virescens* 238
- LILL, A. see HILL, F.A.R.
- Limosa lapponica* 117-126, *L. limosa* 117-126
- Little Crow 238
- Little Lorikeet 34
- Little Red Lorikeet 34
- Long-line fishery 305-316
- Loriculus galgulus* 34, *L. philippensis* 34
- Macronectes giganteus* 235
- Malleefowl 288-296
- Malurus lambertii* 238, *M. splendens* 269-275
- Marsh Sandpiper 117-126
- Mating system of *Leipoa ocellata* 288-296
- MAXWELL, M. & CALVER, M.C. Bringing home the bacon: potential energy return from prey and central place foraging in a Willie Wagtail *Rhipidura leucophrys* 62-65
- MCQUEEN, S.M., DAVIS, L.S. & YOUNG, G. The reproductive endocrinology of Fiordland Crested Penguins *Eudyptes pachyrhynchus* 127-131
- Meliphaga lewinii* 168
- Melopsittacus undulatus* 32-35
- Micropsitta finschi* 34
- Migration and orientation of *Puffinus pacificus* 317-319, *P. tenuirostris* 79-82, *Philemon corniculatus* 269-275
- MILTON, D.A. see BLABER, S.J.M.
- MINTON, C.D.T. see NORMAN, F.I.
- MINTON, Clive, citation as RAOU Fellow 241
- MONNET, C. & VARNEY, A. Notes on the breeding of the Striated Heron *Butoroides striatus patruelis* in Tahiti, French Polynesia 132-136
- MORENO, J., AMAT, J., SANZ, J.J. & CARRASCAL, L.M. Determinants of feeding chases in the Chinstrap Penguin *Pygoscelis antarctica* 192-196
- MORRIS, I. see WOINARSKI, J.C.Z.
- Mortality and survival of *Acanthiza inornata* 269-275, *Malurus splendens* 269-275, *Philemon corniculatus* 269-275
- Morus serrator* 147-150
- Mulga Parrot 34
- Musk Lorikeet 34
- Mussau Island, Bismarck Archipelago 13-22
- Nankeen Kestrel 1-12
- Nectar feeding by *Xanthomyza phrygia* 104-116
- Neophema chrysogaster* 34, *N. chrysostoma* 34, *N. elegans* 34, *N. petrophila* 34, *N. pulchella* 34, *N. splendida* 34
- Neopsephotus bourkii* 34
- Nest and nest site of *Butoroides striatus patruelis* 132-136, *Daphoenositta chrysoptera* 85-96, *Hirundo ariel* 184-191, *H. neoxena* 187, 188, *Leipoa ocellata* 288-296, *Morus serrator* 147-150, *Pardalotus striatus* 187, 188, *Prionodura newtoniana* 245-268, *Ptiloris victoriae* 138-142, *Puffinus pacificus* 317-319, *Struthidea cinerea* 178-183, *Xanthomyza phrygia* 97-103, 104-116
- Nest burrows of *Puffinus pacificus* 317-319
- Nest hollow of *Ninox natalis* 209-220
- Nestling period of *Butoroides striatus patruelis* 132-136, *Prionodura newtoniana* 245-268, *Ptiloris victoriae* 138-142
- New Guinea 13-22
- New Holland Honeyeater 166
- NICHOLLS, D.G., STAMPTON, P., KLOMP, N.I. & SCHULTZ, M. Post-breeding flight to Antarctic waters by a Short-tailed Shearwater *Puffinus tenuirostris* 79-81
- Nicobar Pigeon 18
- Ninox natalis* 197-208, 209-220, 221-226, 227-233
- Ninox novaehollandiae* 58-61
- Ninox rufa* 58-61
- Noisy Friarbird 269-275
- NORMAN, F.I., MINTON, C.D.T., BUNCE, A. & GOVANSTONE, A.P. Recent changes in the status of Australasian Gannets *Morus serrator* in Victoria 147-150
- NORMAN, J.A., CHRISTIDIS, L., WESTERMAN, M. & HILL, F.A.R. Molecular data confirms the species status of the Christmas Island Hawk-Owl *Ninox natalis*: 197-208
- NOSKE, R.A. Social organisation and nesting biology of the cooperatively-breeding Varied Sitella *Daphoenositta chrysoptera* in north-eastern New South Wales 85-96
- Numenius madagascariensis* 117-126, *N. phaeopus* 117-126

Numenius sp. 17

OLIVER, D.L., LEY, A.J. & WILLIAMS, B. Breeding success and nest site selection of the Regent Honeyeater *Xanthomyza phrygia* near Armidale, New South Wales 97-103

OLIVER, D. Roosting of non-breeding Regent Honeyeaters *Xanthomyza phrygia* 65-69

OLSEN, P., DOYLE, V., & BOULET, M. Variation in male provisioning in relation to brood size of Peregrine Falcons *Falco peregrinus* 297-304

Orange-bellied Parrot 34

Orange-breasted Fig-Parrot 34

Osprey 16

Osteology of *Anous minutus* 18, *A. stolidus* 18, *Aplonis metallica* 19, *Cacatua* sp. 19, *Caloenas nicobarica* 18, *Ducula* sp. 18, *Gallus gallus* 16, *Melopsittacus undulatus* 32-35, *Numenius* sp. 17, *Pandion haliaetus* 16, *Pluvialis dominica* 17, *Pterodroma arminjoniana* 15, *Ptilinopus* spp. 18, *Sterna fuscata* 17, *S. hirundo* 18, *Sula leucogaster* 15, *Tyto* sp. 19

Pachycephala pectoralis 168

Pagodroma nivea 234

Painted Firetail 238

Pandion haliaetus 16

Papuan Lorikeet 34

Pardalotus striatus 188

Parental investment of *Falco peregrinus* 297-304

Passer domesticus 166, 169

PAVEY, C. review by 328

Peregrine Falcon 1-12, 297-304

Petroica multicolor 269-275

Philemon corniculatus 269-275

Philippine Hanging-Parrot 34

Phylidonyris novaehollandiae 166

Physiology of *Eudyptes pachyrhynchus* 127-131

Physiology, energy content of food 236-240, energy cost of activity 62-65, 288-296, hormones 127-131, incubation 127-131, water content of food 236-240

Pied Currawong 157-170

Pluvialis dominica 17, 117-126, *P. squatarola* 117-126

POLACHEK, T. see KLAER, N.

Population density of *Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *Malurus splendens* 269-275, *Ninox natalis* 209-220, *Petroica multicolor* 269-275

Population size of *Anous minutus* 44-57, *A. stolidus* 44-57, *Daption capense* 234, *Fregata ariel* 44-57, *F. minor* 44-57, *Fulmarus glacialis* 234, *Macronectes giganteus* 235, *Morus serrator* 147-150, *Ninox natalis*

209-220, *Pagodroma nivea* 234, *Sterna anaethetus* 44-57, *S. bengalensis* 44-57, *S. bergii* 44-57, *S. caspia* 44-57, *S. dougalli* 44-57, *S. fuscata* 44-57, *S. sumatrana* 44-57, *Sula leucogaster* 44-57, *Thalassoica antarctica* 234, *Xanthomyza phrygia* 97-103, 104-116

Predation by *Aquila audax* 23-31, *Procellaria westlandica* 36-43, *Strepera graculina* 157-170

Predation of *Acanthiza pusilla* 169, *Bettongia lesueur* 23-31, *Corcorax melanorhamphos* 320-324, *Lagorchestes hirsutus* 23-31, *Lagostrophus fasciatus* 23-31, *Meliphaga lewinii* 168, *Pachycephala pectoralis* 168, *Passer domesticus* 166, 169, *Perameles bougainville* 23-31, *Phylidonyris novaehollandiae* 166, *Streptopelia senegalensis* 166, *Sturnus vulgaris* 166, *Zosterops lateralis* 166, 168

Prehistory of Mussau Island, Papua New Guinea 13-22

PRINZINGER, R. & SCHLEUCHER, E. Fruits of Tall Saltbush *Rhagodia eremaea* as an important food source of energy and water for arid zone honeyeaters 236-240

Prionodura newtoniana 245-268

Procellaria cinerea 314, *P. westlandica* 36-43

Productivity of *Acanthiza chrysorrhoa* 269-275, *A. inornata* 269-275, *Malurus splendens* 269-275, *Petroica multicolor* 269-275, *Prionodura newtoniana* 245-268

Psephotus chrysopterygius 34, *P. dissimilis* 34, *P. haematonotus* 34, *P. varius* 34

Psitteuteles versicolor 34

Pterodroma arminjoniana 15

Ptilinopus spp. 18

Ptilonorhynchus violaceus 261, 263, 264, 266

Ptiloris victoriae 138-142

Puffinus pacificus 143-146, 317-319, *P. tenuirostris* 79-82

Purple-crowned Lorikeet 34

Pygoscelis adeliae 136-137, *P. antarctica* 192-196

Radio-tracking of *Ninox natalis* 209-220, *Turnix melanogaster* 171-177

RAOU Fellow, Citation of Clive Minton as, 241

Red Knot 117-126

Red-capped Plover 117-126

Red-rumped Parrot 34

Rednecked Stint 117-126

Regent Honeyeater 65-69, 97-103, 104-116

REIS, T. review by 155-156

Reproductive endocrinology of *Eudyptes pachyrhynchus* 127-131

Reproductive success of *Falco peregrinus* 297-304, *Prionodura newtoniana* 245-268

Rhipidura leucophrys 62-65

- RICHARDS, J.D. & SHORT, J. Wedge-tailed Eagle *Aquila audax* predation on endangered mammals and rabbits at Shark Bay, Western Australia 23-31
- Ringneck Parrot 238
- ROBINSON, F. N. Obituary of, 151-152
- Rock Parrot 34
- Roosting of *Ninox natalis* 227-233
- Roseate Tern 44-57
- ROWLEY, I. obituary by, 151-152
- Ruddy Turnstone 117-126
- Rufous Owl 58-61
- Sand Plover 117-126
- Sanderling 117-126
- SANZ, J.J. see MORENO, J.
- Satellite tracking of *Puffinus tenuirostris* 79-82
- Satin Bowerbird 261, 263, 264, 266
- Scarlet Robin 269-275
- Scarlet-chested Parrot 34
- Scenopoetes dentirostris* 261, 263, 264, 266
- SCHLEUCHER, E. see PRINZINGER, R.
- SCHULTZ, M. see NICHOLLS, D.G.
- SCHULZ, M. Bats and other fauna in disused Fairy-Martin *Hirundo ariel* nests 184-191
- SERVENTY MEDAL, Citation of Richard Alexis Zann for, 242
- Sex ratio of *Struthidea cinerea* 178-183
- SEYMOUR, R. S. see WEATHERS, W. K.
- Sharp-tailed Sandpiper 117-126
- SHORT, J. see RICHARDS, J.D.
- Short-tailed Shearwater 79-82
- Shy Albatross 305-316
- Silvereye 166, 168
- SIMS, C.J. see GARKAKLIS, M.J.
- Singing Honeyeater 238
- SMITH, G.C. see BLABER, S.J.M.
- SMITH, G.C., ARIDIS, J. & LEES, N. Radio-tracking revealed home ranges of Black-breasted Button-quail *Turnix melanogaster* in remnant vine scrub between Hoop Pine plantation and agriculture 171-177
- Snow Petrel 234
- Social organisation of *Daphoenositta chrysoptera* 85-96, *Corcorax melanorhamphos* 182, *Struthidea cinerea* 178-183
- Sonagrams of *Elanus notatus* 1-12, *E. scriptus* 1-12, *Falco berigora* 1-12, *F. cenchroides* 1-12, *F. longipennis* 1-12, *F. peregrinus* 1-12, *F. subniger* 1-12, *Ninox natalis* 221-226
- Sooty Tern 17, 44-57
- South Polar Skua 234-236
- Southern Boobook 58-61
- Southern Fulmar 234
- Southern Giant Petrel 235
- Spiny-cheeked Honeyeater 238
- Splendid Fairy-wren 269-275
- Spotted Bowerbird 261, 263, 264, 266
- Spotted Catbird 256
- Spotted Turtle-dove 166
- STAMPTON, P. see NICHOLLS, D.G.
- STEADMAN, D.W. & KIRCH, P.V. Biogeography and prehistoric exploitation of birds in the Mussau Islands, Bismarck Archipelago, Papua New Guinea 13-22
- Sterna anaethetus* 44-57, *S. bengalensis* 44-57, *S. bergii* 44-57, *S. caspia* 44-57, *S. dougalli* 44-57, *S. fuscata* 17, *S. fuscata* 44-57, *S. hirundo* 18, *S. sumatrana* 44-57
- Strepera graculina* 157-170
- Streptopelia senegalensis* 166
- Striated Heron 132-136
- Striated Pardalote 188
- Struthidea cinerea* 178-183
- Sturnus vulgaris* 166
- SUJANTNIKA, JEPSON, P., SOEHARTONO, T.R., CROSBY, M.J. & MARDIASTUTI, A. Indonesia – conserving biodiversity: the endemic bird area approach (Review) 153-154
- Sula leucogaster* 15, 44-57
- Swift Parrot 34
- Taenopygia guttata* 238
- Tahiti, French Polynesia 132-136
- Taxonomy of *Ninox squampila* complex 197-208
- Techniques, burrow viewing 143-146, 317-319
- Terek Sandpiper 117-126
- Territory and home range of *Daphoenositta chrysoptera* 85-96, *Ninox natalis* 209-220, *Turnix melanogaster* 171-177, *Xanthomyza phrygia* 104-116
- Thalassoica antarctica* 234
- Thick-billed Grasswren 82-83
- THOMPSON, J.J. Interseasonal changes in shorebird habitat specialisation in Moreton Bay, Australia 117-125
- Toothbilled Bowerbird 261, 263, 264, 266
- Tringa nebularia* 117-126, *T. stagnatilis* 117-126
- Turnix melanogaster* 171-177
- Turquoise Parrot 34
- Tyto* sp. 19, *T. multipunctata* 58-61
- Varied Lorikeet 34
- Varied Sitella 85-96
- Variegated Fairy-wren 238
- VARNEY, A. see MONNET, C.

- Victoria's Riflebird 138-142
- Vocalisations of *Daphoenositta chrysoptera* 85-96, *Elanus notatus* 1-12, *E. scriptus* 1-12, *Falco berigora* 1-12, *F. cenchroides* 1-12, *F. longipennis* 1-12, *F. peregrinus* 1-12, *F. subniger* 1-12, *Ninox natalis* 221-226, *Zosterops* spp. 70-74
- Vocalisations, advertisement calls 221-226, call repertoire 221-226, geographic variation 70-74, individual variation 221-226, structure of, 1-12
- Wandering Albatross 305-316
- WARHAM, J. The behaviour, population biology and physiology of the petrels (Review) 243-244
- WEATHERS, W.K. & SEYMOUR, R.S. Behaviour and time-activity budgets of Malleefowl *Leipoa ocellata* in South Australia 288-296
- Wedge-tailed Eagle 23-31
- Wedge-tailed Shearwater 143-146, 317-319
- WEIR, J, review by 153-154
- Welcome Swallow 188
- WESTERMAN, M. see NORMAN, J.A.
- Western Thornbill 269-275
- Westland Petrel 36-43
- Whimbrel 117-126
- White-plumed Honeyeater 238
- White-winged Chough 181, 320-324
- WILLAN, R.C. see WOINARSKI, J.C.Z.
- WILLIAMS, B. see OLIVER, D. L.
- Willie Wagtail 62-65
- WOINARSKI, J.C.Z., FISHER, A., BRENNAN, K., MORRIS, I., WILLAN, R.C. & CHATTO, R. The Chestnut Rail *Eulabeornis castaneiventris* on the Wessel and English Company Islands: notes on unusual habitat and use of anvils 74-78
- WOOD, K. A. Seasonal changes in diet of Pied Currawongs *Strepera graculina* at Wollongong, New South Wales 157-170
- WOOLLER, R.D. see GARKAKLIS, M.J.
- Xanthomyza phrygia* 65-69, 97-103, 104-116
- Xenus cinereus* 117-126
- Yellow-nosed Albatross 305-316
- Yellow-rumped Thornbill 269-275
- YOUNG, G. see MCQUEEN, S.M.
- ZANN, RICHARD ALEXIS, citation for D.L.Serventy Medal, 242
- Zebra Finch 238
- Zosterops lateralis* 166, 168, *Z. luteirostris* 70-74, *Z. rendovae* 70-74, *Z. splendissus* 70-74, *Z. vellalavellae* 70-74