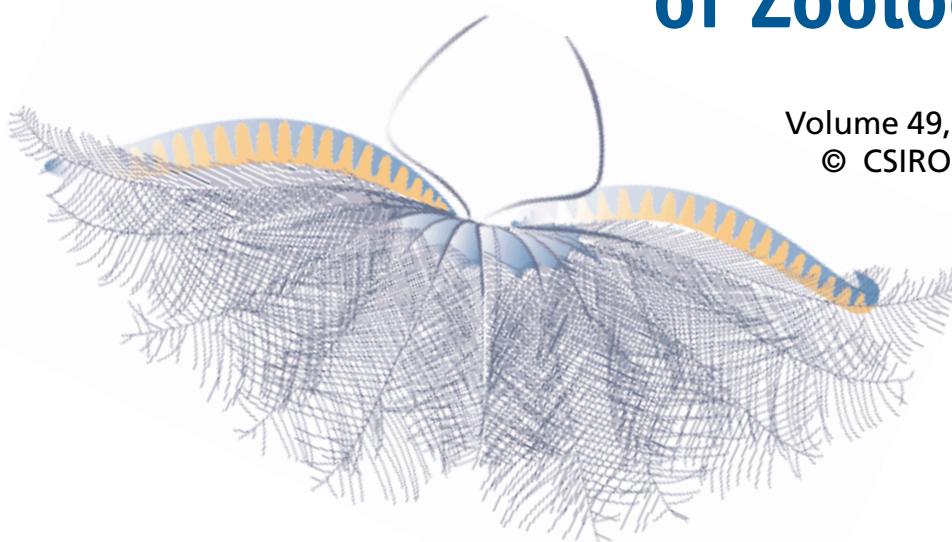




Australian Journal of Zoology



Volume 49, 2001
© CSIRO 2001

A journal for the publication of the results of original scientific research in all branches of zoology,
except the taxonomy of invertebrates

All enquiries and manuscripts should be directed to:

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



Telephone: +61 3 9662 7622
Fax: +61 3 9662 7611
Email: publishing.ajz@csiro.au

Published by CSIRO Publishing
for CSIRO and the Australian Academy of Science

www.publish.csiro.au/journals/ajz

Index to Volume 49

Authors and Titles

- Adams, M.
See Pope, L. C. 411
- Allan, R. A. and Elgar, M. A.
 Exploitation of the green tree ant, *Oecophylla smaragdina*, by the salticid spider *Cosmophasis bitaeniata*. 129
- Astheimer, L. B.
See McDonald, P. G. 651
- Astill, K.
See Booth, D. T. 71, 389
- Avram, D.
See Frankel, T. L. 425
- Bedford, G. S., and Christian, K. A.
 Metabolic response to feeding and fasting in the water python (*Liasis fuscus*). 379
- Bell, J. N.
See Eldridge, M. D. B. 323
- Blumstein, D. T., Daniel, J. C., and McLean, I. G.
 Group size effects in quokkas. 641
- Booth, D. T., and Astill, K.
 Temperature variation within and between nests of the green sea turtle, *Chelonia mydas* (Chelonia: Cheloniidae) on Heron Island, Great Barrier Reef. 71
- Incubation temperature, energy expenditure and hatching size in the green turtle (*Chelonia mydas*), a species with temperature-sensitive sex determination. 389
- Bradley, A. J.
See Millis, A. L. 139
- Bradley, J. S.
See Rhind, S. G. 345
- Bradshaw, F. J.
See Stead-Richardson, E. J. 183
- Bradshaw, S. D.
See Stead-Richardson, E. J. 183
- Bullen, R. D., and McKenzie, N. L.
 Bat airframe design – flight performance, stability and control in relation to foraging ecology. 235
- Burton, T. C.
 Variation in the foot muscles of frogs of the family Myobatrachidae. 539
- Buttemer, W. A.
See McDonald, P. G. 651
- Campeau-Peloquin, A., Kirsch, J. A. W., Eldridge, M. D. B., and Lapointe, F.-J.
 Phylogeny of the rock-wallabies, *Petrogale* (Marsupialia : Macropodidae) based on DNA/DNA hybridisation. 463
- Catterall, C. P.
See Wahungu, G. M. 45
- Champion de Crespigny, F. E., Herberstein, M. E., and Elgar, M. A.
 The effect of predator-prey distance and prey profitability on the attack behaviour of the orb-web spider *Argiope keyserlingi* (Araneidae). 213
- Christian, K. A.
See Bedford, G. S. 379
- Churchill, S. K.
See Goldingay, R. L. 397
- Close, R. L.
See Eldridge, M. D. B. 323
- Cooper, N. K.
See Rhind, S. G. 345
- Couper, P. J.
See Stuart-Fox, D. M. 119
- Cribb, B. W., Gould, R. J., and Whittington, I. D.
 A comparison of anterior adhesive areas and secretions in *Troglecephalus rhinobatidis* and *Neoheterocotyle rhinobatidis* (Monogenea : Monocotylidae) from the gills of the shovel-nose ray, *Rhinobatos typus* (Rhinobatidae). 577
- Cronin, A. L., and Schwarz, M. P.
 Latitudinal variation in the sociality of allodapine bees: sex ratios, relatedness and reproductive differentiation. 1
- Daniel, J. C.
See Blumstein, D. T. 641
- Deane, E. M.
See Young, L. 195
- Dollin, A. E.
See Eldridge, M. D. B. 323
- Eldridge, M. D. B.
See Loupis, A. 27
See Spencer, P. B. S. 369
See Campeau-Peloquin, A. 463
- Eldridge, M. D. B., Wilson, A. C. C., Metcalfe, C. J., Dollin, A. E., Bell, J. N., Johnson, P. M., Johnston, P. G., and Close, R. L.
 Taxonomy of rock-wallabies, *Petrogale* (Marsupialia: Macropodidae). III. Molecular data confirms the species status of the purple-necked rock-wallaby (*Petrogale purpureicollis* Le Souef). 323
- Elgar, M. A.
See Halley, J. D. 59
See Allan, R. A. 129
See Champion de Crespigny, F. E. 213
- Evans, T. A., and Gleeson, P. V.
 Seasonal and daily activity patterns of subterranean, wood-eating termite foragers. 311

- Felgenhauer, B. E.
See Townsend, V. R. 561
- Frankel, T. L., and Avram, D.
 Protein requirements of rainbow lorikeets,
Trichoglossus haematodus. 425
- Frith, C. B., and Frith, D. W.
 Nesting biology of the spotted catbird,
Ailuroedus melanotis, a monogamous
 bowerbird (Ptilonorhynchidae), in
 Australian Wet Tropics upland
 rainforests. 279
- Frith, D. W.
See Frith, C. B. 279
- Gaikhurst, G.
See Stead-Richardson, E. J. 183
- Gleeson, P. V.
See Evans, T. A. 311
- Goldingay, R. L., Quin, D. G., and Churchill, S. K.
 Spatial variability in the social organisation of
 the yellow-bellied glider (*Petaurus*
australis) near Ravenshoe, north
 Queensland. 397
- Gordon, G.
See Pope, L. C. 411
- Gould, R. J.
See Cribb, B. W. 577
- Grimshaw, J. F.
See Townsend, V. R. 561
- Halley, J. D., and Elgar, M. A.
 The response of foraging Argentine ants,
Linepithema humile, to disturbance. 59
- Heinsohn, R.
See Legge, S. 85
- Herberstein, M. E.
See Champion de Crespigny, F. E. 213
- Johnston, P. G.
See Eldridge, M. D. B. 323
- Johnson, P. M.
See Eldridge, M. D. B. 323
- Kemp, D. J.
 The ecology of female receptivity in the
 territorial butterfly *Hypolimnas bolina* (L.)
 (Nymphalidae): implications for male
 mate location. 203
- Kirsch, J. A. W.
See Campeau-Peloquin, A. 463
- Lapointe, F.-J.
See Campeau-Peloquin, A. 463
- Legge, S., and Heinsohn, R.
 Kingfishers in paradise: the breeding biology
 of *Tanysiptera sylvia* at the Iron Range
 National Park, Cape York. 85
- Lill, A.
See Stanley, M. C. 171, 633
- Lloyd, S.
 Oestrous cycle and gestation length in the
 musky rat-kangaroo, *Hypsiprymnodon*
moschatus (Potoroidae :
 Marsupialia). 37
- Long, K. I.
 Spatio-temporal interactions among male and
 female long-nosed potoroos, *Potorous*
tridactylus (Marsupialia : Macropodoidea):
 mating system implications. 17
- Loupis, A., and Eldridge, M. D. B.
 Restriction fragment length polymorphism
 (RFLP) analysis of three nuclear genes in
 rock-wallabies (Petrogale : Marsupialia :
 Macropodidae): a search for genic markers
 to identify taxa within the *Petrogale*
lateralis-penicillata group. 27
- Luck, G. W.
 The demography and cooperative breeding
 behaviour of the rufous treecreeper,
Climacteris rufa. 515
- Malone, B. S.
See Rohr, D. H. 223
- Marks, C. A.
See Robinson, N. A. 589
- McDonald, P. G., Astheimer, L. B., and Buttemer,
 W. A.
 Gonadal and hormonal phenology in free-
 living male rufous whistlers,
Pachycephala rufiventris (Passeriformes :
 Pachycephalidae). 651
- McKenzie, N. L.
See Bullen, R. D. 235
- McLean, I. G.
See Blumstein, D. T. 641
- Metcalfe, C. J.
See Eldridge, M. D. B. 323
- Millis, A. L., and Bradley, A. J.
 Reproduction in the squirrel glider, *Petaurus*
norfolkensis (Petauridae), in south-east
 Queensland. 139
- Moritz, C.
See Stuart-Fox, D. M. 119
See Pope, L. C. 411
- Musser, A.
See Wroe, S. 487
- Myers, T. J.
 Prediction of marsupial body mass. 99
- Oliver, D. L.
 Activity budget of the regent honeyeater,
Xanthomyza phrygia, in northern New
 South Wales. 695
- Olsen, M. F.
See Wahungu, G. M. 45
- Parmenter, C. J.
See Phillott, A. D. 713

- Phillott, A. D., and Parmenter, C. J.
 The distribution of failed eggs and appearance
 of fungi in artificial nests of green
(Chelonia mydas) and loggerhead (*Caretta*
careta) sea turtles. 713
- Pope, L. C., Storch, D., Adams, M., Moritz, C.,
 and Gordon, G.
 A phylogeny for the genus *Isoodon* and a range
 extension for *I. obesus peninsulae* based
 on mtDNA control region and
 morphology. 411
- Quin, D. G.
See Goldingay, R. L. 397
- Reed, E. H.
 Disarticulation of kangaroo skeletons in semi-
 arid Australia. 615
- Rhind, S. G.
See Spencer, P. B. S. 369
- Rhind, S. G., Bradley, J. S., and Cooper, N. K.
 Morphometric variation and taxonomic status
 of brush-tailed phascogales, *Phascogale*
tapoatafa (Meyer, 1793) (Marsupialia :
Dasyuridae). 345
- Robinson, N. A., and Marks, C. A.
 Genetic structure and dispersal of red foxes
(Vulpes vulpes) in urban Melbourne. 589
- Rohr, D. H., and Malone, B. S.
 Activity times and body temperature in
 Australian copperheads (Serpentes :
Elapidae). 223
- Schneider, C. J.
See Stuart-Fox, D. M. 119
- Schwarz, M. P.
See Cronin, A. L. 1
- Serena, M., Worley, M., Swinnerton, M., and
 Williams, G. A.
 Effect of food availability and habitat on the
 distribution of platypus (*Ornithorhynchus*
anatinus) foraging activity. 263
- Seymour, R. S.
See Wagner, K. 155
- Sinclair, J. R.
 Temperature regulation in mounds of three
 sympatric species of megapode (Aves :
Megapodiidae) in Papua New Guinea:
 testing the 'Seymour Model'. 675
- Spencer, P. B. S., Rhind, S. G., and Eldridge, M. D. B.
 Phylogeographic structure within *Phascogale*
 (Marsupialia : *Dasyuridae*) based on
 partial cytochrome-*b* sequence. 369
- Stanley, M. C., and Lill, A.
 Accessibility as a factor influencing frugivory
 by silvereyes (*Zosterops lateralis*): field
 comparisons with aviary
 experiments. 171
- Response of silvereyes (*Zosterops lateralis*) to
 dietary tannins: the paradox of secondary
 metabolites in ripe fruit. 633
- Stead-Richardson, E. J., Bradshaw, S. D.,
 Bradshaw, F. J., and Gaikhorst, G.
 Monitoring the oestrous cycle of the chuditch
(Dasyurus geoffroii) (Marsupialia :
Dasyuridae): non-invasive analysis of
 faecal oestradiol-17 β . 183
- Storch, D.
See Pope, L. C. 411
- Stuart-Fox, D. M., Schneider, C. J., Moritz, C.,
 and Couper, P. J.
 Comparative phylogeography of three rain-
 forest-restricted lizards from mid-east
 Queensland. 119
- Swinnerton, M.
See Serena, M. 263
- Townsend, V. R., Felgenhauer, B. E., and
 Grimshaw, J. F.
 Comparative morphology of the Australian
 lynx spiders of the genus *Oxyopes*
 (Araneae : *Oxyopidae*). 561
- Wagner, K., and Seymour, R. S.
 Nesting climate and behaviour of Cape Barren
 geese (*Cereopsis novaehollandiae*
Latham). 155
- Wahungu, G. M., Catterall, C. P., and Olsen, M. F.
 Predator avoidance, feeding and habitat use in
 the red-necked pademelon, *Thylogale*
thebitis, at rainforest edges. 45
- White, C. R.
 The energetics of burrow excavation by the
 inland robust scorpion, *Urodacus*
yaschenkoi (Birula, 1903). 663
- Whittington, I. D.
See Cribb, B. W. 577
- Williams, G. A.
See Serena, M. 263
- Wilson, A. C. C.
See Eldridge, M. D. B. 323
- Withers, P. C.
 Design, calibration and calculation for flow-
 through respirometry systems. 445
- Worley, M.
See Serena, M. 263
- Wroe, S.
Maximucinus muirheadi, gen. et sp. nov.
 (Thylacinidae : Marsupialia), from the
 Miocene of Riversleigh, north-western
 Queensland, with estimates of body
 weights for fossil thylacinids. 603
- Wroe, S., and Musser, A.
 The skull of *Nimbacinus dicksoni*
 (Thylacinidae : Marsupialia). 487
- Young, L., and Deane, E. M.
 Cellular composition of the late milk of the
 koala (*Phascolarctos cinereus*). 195