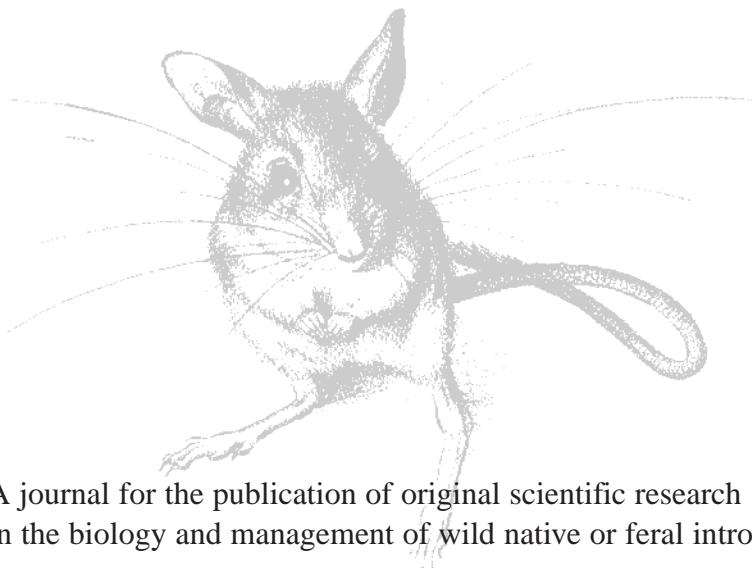

C S I R O P U B L I S H I N G

Wildlife Research

Volume 26, 1999
© CSIRO Australia 1999



A journal for the publication of original scientific research
in the biology and management of wild native or feral introduced vertebrates

[w w w . p u b l i s h . c s i r o . a u / j o u r n a l s / w r](http://www.publish.csiro.au/journals/wr)

All enquiries and manuscripts should be directed to

Wildlife Research

CSIRO PUBLISHING

PO Box 1139 (150 Oxford St)

Collingwood

Telephone: 61 3 9662 7622

Vic. 3066

Facsimile: 61 3 9662 7611

Australia

Email: david.morton@publish.csiro.au



Published by **CSIRO PUBLISHING**
for CSIRO Australia and
the Australian Academy of Science



Index to Volume 26

Authors and Titles

- Adams, M.
See Moseby, K. E. 479
See Brandle, R. 463
- Aguon, P.
See Engeman, R. M. 111
- Algar, D.
See Fisher, P. M. 281
- Basse, B., McLennan, J. A., and Wake, G. C.
 Analysis of the impact of stoats, *Mustela erminea*, on northern brown kiwi, *Apteryx mantelli*, in New Zealand. 227
- Bird, P.
See Read, J. L. 453
- Bloomfield, T. E.
See Marks, C. A. 777
See Marks, C. A. 763
- Bradford, M. G., and Harrington, G. N.
 Aerial and ground survey of sap trees of the yellow-bellied glider (*Petaurus australis reginae*) near Atherton, north Queensland. 723
- Bradtke, E.
See Wilson, B. A. 439
- Braithwaite, L. W.
See Kingsford, R. T. 351
- Brandle, R.
See Moseby, K. E. 479
- Brandle, R., and Moseby, K. E.
 Comparative ecology of two populations of *Pseudomys australis* in northern South Australia. 541
- Brandle, R., Moseby, K. E., and Adams, M.
 The distribution, habitat requirements and conservation status of the plains rat, *Pseudomys australis* (Rodentia: Muridae). 463
- Brown, P. R., and Lundie-Jenkins, G.
 Non-target mortalities during aerial strychnine baiting of house mice. 117
- Bull, C. M.
See Williamson, I. 81
- Burt, R. J.
See Catling, P. C. 161
- Busana, F.
See Marks, C. A. 101
- Calver, M. C.
See Risbey, D. A. 621
- Carthew, S. M., Goldingay, R. L., and Funnell, D. L.
 Feeding behaviour of the yellow-bellied glider (*Petaurus australis*) at the edge of its range. 199
- Catling, P. C., and Coops, N.
 Prediction of the distribution and abundance of small mammals in the eucalypt forests of south-eastern Australia from airborne videography. 641
- Catling, P. C., Hertog, A., Burt, R. J., Wombey, J. C., and Forrester, R. I.
 The short-term effect of cane toads, *Bufo marinus*, on native fauna in the Gulf Country of the Northern Territory. 161
- Chambers, L. K., Singleton, G. R., and Hinds, L. A.
 Fertility control of wild mouse populations: the effects of hormonal competence and an imposed level of sterility. 579
- Chatto, R.
See Woinarski, J. C. Z. 495
- Choquenot, D.
See Saunders, G. R. 69
- Choquenot, D., Hone, L. J., and Saunders, G. R.
 Using aspects of predator-prey theory to evaluate helicopter shooting for feral pig control. 251
- Clapperton, B. K.
See Fletcher, D. J. 609
- Colbourne, R. M.
See Robertson, H. A. 209
- Collins, M., Cullen, J. M., and Dann, P.
 Seasonal and annual foraging movements of little penguins from Phillip Island, Victoria. 705
- Coops, N.
See Catling, P. C. 641
- Copley, P.
See Read, J. L. 453
- Copley, P.
 Natural histories of Australia's stick-nest rats, genus *Leporillus* (Rodentia: Muridae). 513
- Cullen, J. M.
See Collins, M. 705
- Cunningham, R. B.
See Lindenmayer, D. B. 745
- Dann, P.
See Collins, M. 705
- Davie, P. S.
See Troy, S. K. 21
- Delean, J. S. C.
See Johnson, P. M. 631
- Dennis, T. E., and Shaughnessy, P. D.
 Seal survey in the Great Australian Bight region of Western Australia. 383

- Dexter, N.
 The influence of pasture distribution, temperature and sex on home range size, in feral pigs in a semi-arid environment. 755
- Dickman, C. R.
 See Sutherland, E. 405
 See Murray, B. R. 421
 See Molsher, R. 593
 See Scott, L. K. 805
- Dickman, C. R., Mahon, P. S., Masters, P., and Gibson, D. F.
 Long-term dynamics of rodent populations in arid Australia: the influence of rainfall. 389
- Donnelly, C. F.
 See Lindenmayer, D. B. 745
- Engeman, R. M., Linnell, M. A., Aguon, P., Manibusan, A., Sayama, S., and Techaira, A.
 Implications of brown tree snake captures from fences. 111
- Evans, M. C., and Jarman, P. J.
 Diets and feeding selectivity of bridled nailtail wallabies and black-striped wallabies. 1
- Fea, N. I., Harcourt, R. G., and Lalas, C.
 Seasonal variation in the diet of New Zealand fur seals (*Arctocephalus forsteri*) at Otago Peninsula, New Zealand. 147
- Finn, P. G.
 See Jones, D. N. 271
- Fisher, A.
 See Woinarski, J. C. Z. 495
- Fisher, P. M., Algar, D., and Sinagra, J. A.
 Use of rhodamine B as a systemic bait marker for feral cats (*Felis catus*). 281
- Flannery, T. F.
 See Woinarski, J. C. Z. 495
- Fletcher, D. J., Moller, H., and Clapperton, B. K.
 Spotlight counts for assessing abundance of rabbits (*Oryctolagus cuniculus* L.). 609
- Fletcher, W. J.
 See Gales, N. J. 35
- Forrester, R. I.
 See Catling, P. C. 161
- Frampton, C. M., Warburton, B., Henderson, R. J., and Morgan, D. R.
 Optimising bait size and 1080 concentration (sodium monofluoroacetate) for the control of brushtail possums (*Trichosurus vulpecula*). 53
- Funnell, D. L.
 See Carthew, S. M. 199
- Gales, N. J., and Fletcher, W. J.
 Abundance, distribution and status of the New Zealand sea lion, *Phocarcetus hookeri*. 35
- Gambold, N.
 See Woinarski, J. C. Z. 495
- Gibson, D. F.
 See Dickman, C. R. 389
- Gigliotti, F.
 See Marks, C. A. 101
- Goldingay, R. L.
 See Carthew, S. M. 199
- Graham, P.
 See Robertson, H. A. 209
- Harcourt, R. G.
 See Fea, N. I. 147
- Harrington, G. N.
 See Bradford, M. G. 723
- Heinsohn, G. E., and Heinsohn, R.
 Long term dynamics of a rodent community in an Australian tropical rainforest. 187
- Heinsohn, R.
 See Heinsohn, G. E. 187
- Henderson, R. J.
 See Frampton, C. M. 53
- Hendrikz, J. K., and Johnson, P. M.
 Development of the bridled nailtail wallaby, *Onychogalea fraenata*, and age estimation of the pouch young. 239
- Hertog, A.
 See Catling, P. C. 161
- Heyward, R. P., and Norbury, G. L.
 Secondary poisoning of ferrets and cats after 1080 rabbit poisoning. 75
- Hinds, L. A.
 See Chambers, L. K. 579
- Hobbs, T. J., and James, C. D.
 Influence of shade covers on pitfall trap temperatures and capture success of reptiles and small mammals in arid Australia. 341
- Holley, D.
 See McMahon, C. R. 839
- Hone, L. J.
 See Choquenot, D. 251
- Hone, L. J.
 Fox control and rock-wallaby population dynamics – assumptions and hypotheses. 671
- Hull, C. L.
 The foraging zones of breeding royal (*Eudyptes schlegeli*) and rockhopper (*E. chrysocome*) penguins: an assessment of techniques and species comparison. 789
- Hume, I. D.
 See Scott, L. K. 805

- Incoll, R. D.
See Lindenmayer, D. B. 745
- James, C. D.
See Hobbs, T. J. 341
- Jarman, P. J.
See Evans, M. C. 1
See Payne, A. L. 215
- Johnson, P. M.
See Hendrikz, J. K. 239
- Johnson, P. M., and Delean, J. S. C.
 Reproduction in the Proserpine rock-wallaby,
Petrogale persephone Maynes
 (Marsupialia : Macropodidae), in captivity,
 with age estimation and development of
 pouch young. 631
- Jones, D. N., and Finn, P. G.
 Translocation of aggressive Australian
 magpies: a preliminary assessment of a
 potential management action. 271
- Kay, B. J.
See Saunders, G. R. 335
- Kingsford, R. T., Wong, P. S., Braithwaite, L. W.,
 and Maher, M. T.
 Waterbird abundance in eastern Australia,
 1983–92. 351
- Lalas, C
See Fea, N. I. 147
- Leung, L.
 Ecology of Australian tropical rainforest
 mammals. I. The Cape York antechinus,
Antechinus leo (Dasyuridae : Marsupialia).
 287
- Ecology of Australian tropical rainforest
 mammals. II. The Cape York melomys,
Melomys capensis (Muridae : Rodentia).
 307
- Ecology of Australian tropical rainforest
 mammals. III. The Cape York rat, *Rattus*
leucopus (Muridae : Rodentia). 317
- Lindenmayer, D. B., Cunningham, R. B., Incoll,
 R. D., Pope, M. L., Donnelly, C. F.,
 MacGregor, C. I., Trbolet, C., and Triggs, B.
 Comparison of hairtube types for the detection
 of mammals. 745
- Linnell, M. A.
See Engeman, R. M. 111
- Lock, M. L., and Wilson, B. A.
 The distribution of the New Holland mouse
(Pseudomys novaehollandiae) with respect
 to vegetation near Anglesea, Victoria.
 565
- Lundie-Jenkins, G.
See Brown, P. R. 117
- MacGregor, C. I.
See Lindenmayer, D. B. 745
- Maher, M. T.
See Kingsford, R. T. 351
- Mahon, P. S.
See Dickman, C. R. 389
- Manibusan, A.
See Engeman, R. M. 111
- Marks, C. A., and Bloomfield, T. E.
 Distribution and density estimates for
 urban foxes (*Vulpes vulpes*) in Melbourne:
 implications for rabies control. 763
- Bait uptake by foxes (*Vulpes vulpes*) in urban
 Melbourne: the potential of oral
 vaccination for rabies control. 777
- Marks, C. A., Busana, F., and Gigliotti, F.
 Assessment of the M-44 ejector for the
 delivery of 1080 for red fox (*Vulpes vulpes*)
 control. 101
- Masters, P.
See Dickman, C. R. 389
- Matthews, L. R.
See O'Connor, C. E. 375
- Mattlin, R. H.
See Troy, S. K. 21
- McIlroy, J. C.
See Saunders, G. R. 69
- McLennan, J. A.
See Basse, B. 227
- McLeod, L. J.
See Saunders, G. R. 335
- McMahon, C. R., Holley, D., and Robinson, S.
 The diet of itinerant male Hooker's sea lions,
Phocarctos hookeri, at sub-Antarctic
 Macquarie Island. 839
- Meek, P. D.
 The movement, roaming behaviour and home
 range of free-roaming domestic dogs,
Canis lupus familiaris, in coastal New
 South Wales. 847
- Melville, J., and Swain, R.
 Home-range characteristics of an alpine lizard,
Niveoscincus microlepidotus (Scincidae),
 on Mt Wellington, Southern Tasmania.
 263
- Miller, P. J.
See Robertson, H. A. 209
- Moller, H.
See Fletcher, D. J. 609
- Molsher, R., Newsome, A. E., and Dickman, C. R.
 Feeding ecology of the feral cat (*Felis catus*)
 in relation to the availability of prey in
 central-eastern New South Wales. 593
- Morgan, D. R.
See Frampton, C. M. 53
- Morton, S. R.
See Murray, B. R. 421

- Moseby, K. E.
See Brandle, R. 463
See Brandle, R. 541
- Moseby, K. E., Brandle, R., and Adams, M.
 Distribution, habitat and conservation status of the rare dusky hopping-mouse, *Notomys fuscus* (Rodentia: Muridae). 479
- Murray, B. R., Dickman, C. R., Watts, C. H. S., and Morton, S. R.
 The dietary ecology of Australian desert rodents. 421
- Newell, G. R.
 Home range and habitat utilisation of Lumholtz's tree-kangaroo (*Dendrolagus lumholtzi*) within a rainforest fragment in north Queensland. 129
- Newsome, A. E.
See Molsher, R. 593
- Norbury, G. L.
See Heyward, R. P. 75
- O'Connor, C. E., and Matthews, L. R.
 1080-induced bait aversions in wild possums: influence of bait characteristics and prevalence. 375
- Oakwood, M., and Pritchard, D.
 Little evidence of toxoplasmosis in a declining species, the northern quoll (*Dasyurus hallucatus*). 329
- Packwood, R.
See Saunders, G. R. 69
- Palmer, C., and Woinarski, J. C. Z.
 Seasonal roosts and foraging movements of the black flying fox, *Pteropus alecto*, in the Northern Territory: resource tracking in a landscape mosaic. 823
- Payne, A. L., and Jarman, P. J.
 Macropod studies at Wallaby Creek. X. Responses of eastern grey kangaroos to cattle. 215
- Pierce, R. J.
See Robertson, H. A. 209
- Pope, M. L.
See Lindenmayer, D. B. 745
- Pritchard, D.
See Oakwood, M. 329
- Read, J. L., Copley, P., and Bird, P.
 The distribution, ecology and current status of *Pseudomys desertor* in South Australia. 453
- Risbey, D. A., Calver, M. C., and Short, J. C.
 The impact of cats and foxes on the small vertebrate fauna of Heirisson Prong, Western Australia. I. Exploring potential impact using diet analysis. 621
- Robertson, H. A., Colbourne, R. M., Graham, P., Miller, P. J., and Pierce, R. J.
 Survival of brown kiwi exposed to 1080 poison used for brushtail possum control in Northland, New Zealand. 209
- Robinson, S.
See McMahon, C. R. 839
- Runcie, M. J.
 Movements, dens and feeding behaviour of the tropical scaly-tailed possum (*Wyulda squamicaudata*). 367
- Saunders, G. R.
See Choquenot, D. 251
- Saunders, G. R., Choquenot, D., McIlroy, J. C., and Packwood, R.
 Initial effects of rabbit haemorrhagic disease on free living rabbit (*Oryctolagus cuniculus*) populations in central-western New South Wales. 69
- Saunders, G. R., Kay, B. J., and McLeod, L. J.
 Caching of baits by foxes (*Vulpes vulpes*) on agricultural lands. 335
- Sayama, S.
See Engeman, R. M. 111
- Scott, L. K., Hume, I. D., and Dickman, C. R.
 Ecology and population biology of long-nosed bandicoots (*Perameles nasuta*) at North Head, Sydney Harbour National Park. 805
- Shaughnessy, P. D.
See Troy, S. K. 21
See Dennis, T. E. 383
- Shine, R.
See Whitaker, P. B. 675
See Whitaker, P. B. 689
- Short, J. C.
See Risbey, D. A. 621
- Short, J. C., and Turner, B.
 Ecology of burrowing bettongs, *Bettongia lesueur* (Marsupialia : Potoroidae) on Dorre and Bernier Islands, Western Australia. 651
- Sinagra, J. A.
See Fisher, P. M. 281
- Singleton, G. R.
See Chambers, L. K. 579
- Smith, A. P.
See Woinarski, J. C. Z. 495

- Sutherland, E., and Dickman, C. R.
 Mechanisms of recovery after fire by rodents in
 the Australian environment: a review. 405
- Swain, R.
See Melville, J. 263
- Techair, A.
See Engeman, R. M. 111
- Tribolet, C.
See Lindenmayer, D. B. 745
- Triggs, B.
See Lindenmayer, D. B. 745
- Troy, S. K., Mattlin, R. H., Shaughnessy, P. D.,
 and Davie, P. S.
 Morphology, age and mortality of adult
 male New Zealand fur seals, *Arctocephalus*
forsteri, in South Australia. 21
- Turner, B.
See Short, J. C. 651
- Wake, G. C.
See Basse, B. 227
- Warburton, B.
See Frampton, C. M. 53
- Watts, C. H. S.
See Murray, B. R. 421
- Westcott, D. A.
 Counting cassowaries: what does cassowary
 sign reveal about their abundance? 61
- Whitaker, P. B., and Shine, R.
 When, where and why do people encounter
 Australian brownsnakes (*Pseudonaja*
textilis: Elapidae)? 675
- Responses of free-ranging brownsnakes
(*Pseudonaja textilis*: Elapidae) to
 encounters with humans. 689
- White, N. A.
 Ecology of the koala (*Phascolarctos cinereus*)
 in rural south-east Queensland, Australia.
 731
- Williamson, I., and Bull, C. M.
 Population ecology of the Australian frog
Crinia signifera: larvae. 81
- Wilson, B. A.
See Lock, M. L. 565
- Wilson, B. A., and Bradtke, E.
 The diet of the New Holland mouse,
Pseudomys novaehollandiae (Waterhouse),
 in Victoria. 439
- Woinarski, J. C. Z.
See Palmer, C. 823