

## Index to Volume 31

### Authors and Titles

- Armstrong, M.  
*See* Woinarski, J. C. Z. 587
- Armstrong, M. D  
*See* Milne, D. J. 57
- Arthur, A. D., Ramsey, D. S. L., and Efford, M. G.  
 Impact of bovine tuberculosis on a population of brushtail possums (*Trichosurus vulpecula* Kerr) in the Orongorongo Valley, New Zealand. 389
- Banks, P. B.  
*See* Sutherland, D. R. 613
- Barker, R.  
*See* Warburton, B. 397
- Baxter, G. S.  
*See* Sullivan, B. J. 19
- Bayne, P.  
*See* Körtner, G. 475
- Bayne, P., Harden, R. H., and Davies, I.  
 Feral goats (*Capra hircus* L.) in the Macleay River gorge system, north-eastern New South Wales, Australia. I. Impacts on soil erosion 519
- Bell, I. P.  
*See* Read, M. A. 527
- Berggren, Å., and Low, M.  
 Leg problems and banding-associated leg injuries in a closely monitored population of North Island robin (*Petroica australis longipes*). 535
- Berghout, M. J.  
*See* Saunders, G. R. 13
- Berman, D. M.  
*See* Story, G. 183
- Berris, S.  
*See* Masters, P. 267
- Booth, D. T.  
*See* Rogers, K. D. 93
- Bradshaw, C. J. A.  
*See* van den Hoff, J. 619
- Bray, C.  
*See* Eldridge, M. D. B. 229
- Brown, J. A., McAuliffe, R. J., and Hickling, G. J.  
 A new trap-catch index of patchiness in animal distribution. 433
- Brown, K. P.  
*See* Murphy, E. C. 631
- Brown, P. R.  
*See* Krebs, C. J. 465
- Brown, P. R., Davies, M. J., Singleton, G. R., and Croft, J. D.  
 Can farm-management practices reduce the impact of house mouse populations on crops in an irrigated farming system? 597
- Browning, T. L.  
*See* Eldridge, M. D. B. 229
- Bruce, J. S., and Twigg, L. E.  
 Rabbit Haemorrhagic Disease Virus: serological evidence of a non-virulent RHDV-like virus in south-eastern Australia. 605
- Bruce, J. S., Twigg, L. E., and Gray, G. S.  
 The epidemiology of rabbit haemorrhagic disease, and its impact on rabbit populations, in south-western Australia. 31
- Bull, C. M.  
*See* Kerr, G. D. 171
- Bunce, A.  
 Do dietary changes of Australasian gannets (*Morus serrator*) reflect variability in pelagic fish stocks? 383
- Burton, H. R.  
*See* van den Hoff, J. 619
- Burwell, C. J.  
*See* Pavey, C. R. 403
- Cameron, E. Z.  
*See* Linklater, W. L. 119
- Carthew, S. M.  
*See* Marchesan, D. 273
- Chapuis, J.-L.  
*See* Cooke, B. D. 415
- Chidel, M.  
*See* Law, B. S. 73
- Childerhouse, S. J., Dickie, G., and Hessel, G.  
 Ageing live New Zealand sea lions (*Phocarctos hookeri*) using post canine tooth. 177
- Claridge, A. W., Mifsud, G., Dawson, J., and Saxon, M. J.  
 Using of infrared digital cameras to investigate the behaviour of cryptic species. 645
- Clifford, B.  
*See* Edwards, G. P. 509
- Close, R. L.  
*See* Eldridge, M. D. B. 229
- Clout, M. N.  
*See* Ji, W. 543
- Coleman, M.  
*See* Warburton, B. 397
- Cooke, B. D., Chapuis, J.-L., Magnet, V., Lucas, A., and Kovaliski, J.  
 Potential use of myxoma virus and rabbit haemorrhagic disease virus to control feral rabbits in the Kerguelen Archipelago. 415
- Corkeron, P. J.  
*See* Hodgson, A. J. 451
- Cottrell, G. R.  
*See* Kerr, G. D. 171
- Croft, J. D.  
*See* Brown, P. R. 597
- Cunningham, R. B.  
*See* Lindenmayer, D. B. 209, 569  
*See* Pope, M. L. 559
- Cunningham, R. B., Lindenmayer, D. B., and Lindenmayer, B. D.  
 Sound recording of bird vocalisations in forests. I. Relationships between bird vocalisations and point interval counts of bird numbers – a case study in statistical modelling. 195
- Cunningham, R. B., Pope, M. L., and Lindenmayer, D. B.  
 Patch use by the greater glider (*Petauroides volans*) in a fragmented forest ecosystem. III. Night time use of trees. 579
- Davies, I.  
*See* Bayne, P. 519
- Davies, M. J.  
*See* Brown, P. R. 597
- Davis, S. A.  
*See* Krebs, C. J. 465
- Dawson, J.  
*See* Claridge, A. W. 645
- de Villiers, D. L.  
*See* Dique, D. S. 109

- Dickie, G.  
*See Childerhouse, S. J.* 177
- Dique, D. S., Preece, H. J., Thompson, J., and de Villiers  
 Determining the distribution and abundance of a regional koala population in south-east Queensland for conservation management. 109
- Duffy, A.  
*See Masters, P.* 267
- Duka, T.  
*See Masters, P.* 267
- Edwards, G. P., Saalfeld, K., and Clifford, B.  
 Population trend of feral camels in the Northern Territory, Australia. 509
- Efford, M. G.  
*See Arthur, A. D.* 389
- Eldridge, M. D. B., Rummery, C., Bray, C., Zenger, K. R., Browning, T. L., and Close, R. L.  
 Genetic analysis of a population crash in brush-tailed rock-wallabies (*Petrogale penicillata*) from Jenolan Caves, south-eastern Australia. 229
- Felton, A.  
*See Read, M. A.* 527
- Field, I. C.  
*See van den Hoff, J.* 619
- Finlayson, G. R., and Moseby, K. E.  
 Managing confined populations: The influence of density on the home range and habitat use of re-introduced burrowing bettongs (*Bettongia lesueuri*). 457
- Fisher, A.  
*See Milne, D. J.* 57  
*See Woinarski, J. C. Z.* 587
- Flores, T.  
*See Milne, D. J.* 57
- Gales, N. J., McCauley, R., Lanyon, J. M., and Holley, D.  
 Change in abundance of dugongs in Shark Bay, Ningaloo and Exmouth Gulf, Western Australia: evidence for large-scale migration. 283
- Gales, R. P.  
*See Pemberton, D.* 301
- Garnett, S. T.  
*See Legge, S.* 149
- Gigliotti, F.  
*See van Polanen Petel, A. M.* 143
- Goldingay, R. L.  
*See Taylor, B. D.* 83
- Goldingay, R. L., and Sharpe, D. J.  
 How effective is spotlighting for detecting the squirrel glider? 443
- Grabau, P. J.  
*See Isaac, J. L.* 437
- Gray, G. S.  
*See Bruce, J. S.* 31
- Gresser, S.  
*See Körtner, G.* 475
- Griffiths, A. D.  
*See Woinarski, J. C. Z.* 587
- Hall, L. S.  
*See Markus, N.* 345
- Hampton, J. O., Pluske, J. R., and Spencer, P. B. S.  
 A preliminary genetic study of the social biology of feral pigs in south-western Australia and the implications for management. 375
- Hannah, D. S.  
*See Kutt, A. S.* 129
- Harden, R. H.  
*See Körtner, G.* 475  
*See Bayne, P.* 519
- Hayward, M. W.  
 Diet of the quokka (*Setonix brachyurus*) (Macropodidae: Marsupialia) in the northern jarrah forest of Australia. 000
- Heinsohn, R.  
*See Legge, S.* 149
- Hessel, G.  
*See Childerhouse, S. J.* 177
- Hickling, G. J.  
*See Brown, J. A.* 433
- Hodgson, A. J., Marsh, H., and Corkeron, P. J.  
 Provisioning by tourists affects the behaviour but not the body condition of Mareeba rock-wallabies (*Petrogale mareeba*). 451
- Holley, D.  
*See Gales, N. J.* 283
- Hone, L. J.  
 Yield, compensation and fertility control: a model for vertebrate pests. 357
- Hooper, D.  
*See Puckey, H.* 327
- Ichimura, Y.  
*See Suzuki, M.* 97
- Isaac, J. L., Johnson, C. N., Grabau, P. J., and Krockenberger, A. K.  
 Automated feeders: new technology for food supplementation experiments with mammals. 437
- Jacob, J.  
*See Sutherland, D. R.* 613
- Jacob, J., and Sutherland, D. R.  
 Murine cytomegalovirus (MCMV) infections in house mice: a matter of age or sex? 369
- Ji, W., Sarre, S. O., White, P. C. L., and Clout, M. N.  
 Population recovery of common brushtail possums after local depopulation. 543
- Johnson, C. N.  
*See Keiper, P.* 259  
*See Isaac, J. L.* 437
- Kay, B. J.  
*See Saunders, G. R.* 13
- Kay, W. R.  
 Movements and home ranges of radio-tracked *Crocodylus porosus* in the Cambridge Gulf region of Western Australia. 495
- Keedwell, R. J.  
*See Murphy, E. C.* 631
- Keiper, P., and Johnson, C. N.  
 Diet and habitat preference of the Cape York short-nosed bandicoot (*Isoodon obesulus peninsulae*) in north-east Queensland. 259
- Kennett, R. M., Munungurritj, N., and Yunupingu, D.  
 Migration patterns of marine turtles in the Gulf of Carpentaria, northern Australia: implications for Aboriginal management. 241
- Kenney, A. J.  
*See Krebs, C. J.* 465

- Kerr, G. D., Bull, C. M., and Cottrell, G. R.  
 Use of an 'on board' datalogger to determine lizard activity patterns, body temperature and microhabitat use for extended periods in the field. 171
- Kirkwood, R. J.  
*See* van Polanen Petel, A. M. 143
- Kitson, J. C.  
 Harvest rate of sooty shearwaters (*Puffinus griseus*) by Rakiura Mori: a potential tool to monitor population trends? 319
- Knight, C., and Rogers, T.  
 Factors influencing fledgling production in the little penguin (*Eudyptula minor*) 339
- Körtner, G., Gresser, S., Mott, B., Tamayo, B., Pisanu, P., Bayne, P., and Harden, R. H.  
 Population structure, turnover and movement of spotted-tailed quolls on the New England Tablelands. 475
- Kovaliski, J.  
*See* Cooke, B. D. 415
- Krebs, C. J., Kenney, A. J., Singleton, G. R., Mutze, G. J., Pech, R. P., Brown, P. R., and Davis, S. A.  
 Can outbreaks of house mice in south-eastern Australia be predicted by weather models? 465
- Krockenberger, A. K.  
*See* Isaac, J. L. 437
- Kutt, A. S., Thurgate, N. Y., and Hannah, D. S.  
 Distribution and habitat of the desert mouse (*Pseudomys desertor*) in Queensland. 129
- Lanyon, J. M.  
*See* Naessig, P. J. 163  
*See* Gales, N. J. 283
- Law, B. S., and Chidel, M.  
 Roosting and foraging ecology of the golden-tipped bat (*Kerivoula papuensis*) on the south coast of New South Wales. 73
- Legge, S., Heinsohn, R., and Garnett, S. T.  
 Availability of nest hollows and breeding population size of eclectus parrots, *Eclectus roratus*, on Cape York Peninsula, Australia. 149
- Lewis, M. J.  
*See* Puckey, H. 327
- Lill, A.  
*See* Maron, M. 311
- Lindenmayer, B. D.  
*See* Cunningham, R. B. 195  
*See* Lindenmayer, D. B. 209
- Lindenmayer, D. B.  
*See* Cunningham, R. B. 195, 579  
*See* Pope, M. L. 559
- Lindenmayer, D. B., Pope, M. L., and Cunningham, R. B.  
 Patch use by the greater glider (*Petauroides volans*) in a fragmented forest ecosystem. II. Characteristics of den trees and preliminary data on den-use patterns. 569
- Lindenmayer, D. B., Cunningham, R. B., and Lindenmayer, B. D.  
 Sound recording of bird vocalisations in forests. II. Longitudinal profiles in vocal activity. 209
- Linklater, W. L., Cameron, E. Z., Minot, E. O., and Stafford, K. J.  
 Feral horse demography and population growth in the Kaimanawa Ranges, New Zealand. 119
- Lisle, A. T.  
*See* Sullivan, B. J. 19
- Low, M.  
*See* Berggren, A. 535
- Lucas, A.  
*See* Cooke, B. D. 415
- Lund, M. A.  
*See* Quinlan, K. 219
- Lunt, I. D.  
*See* Michael, D. R. 65
- Magnet, V.  
*See* Cooke, B. D. 415
- Marchesan, D., and Carthew, S. M.  
 Autecology of the yellow-footed antechinus (*Antechinus flavipes*) in a fragmented landscape in southern Australia. 273
- Marks, C. A.  
*See* van Polanen Petel, A. M. 143
- Markus, N., and Hall, L. S.  
 Foraging behaviour of the black flying fox (*Pteropus alecto*) in the urban landscape of Brisbane, Queensland. 345
- Maron, M., and Lill, A.  
 Discrimination among potential buloke (*Allocasuarina leuhmannii*) feeding trees by the endangered south-eastern red-tailed black-cockatoo (*Calyptorhynchus banksii graptogyne*). 311
- Marsh, H.  
*See* Hodgson, A. J. 451
- Masters, P., Duka, T., Berris, S., and Moss, G. L.  
 Koalas on Kangaroo Island: from introduction to pest status in less than a century. 267
- McAuliffe, R. J.  
*See* Brown, J. A. 433
- McCartney, J.  
*See* Woinarski, J. C. Z. 587
- McCauley, R.  
*See* Gales, N. J. 283
- McKeown, A.  
*See* Westcott, D. A. 551
- McMahon, C. R.  
*See* van den Hoff, J. 619
- Michael, D. R., Lunt, I. D., and Robinson, W. A.  
 Enhancing fauna habitat in grazed native grasslands and woodlands: use of artificially placed log refuges by fauna. 65
- Michell, C.  
*See* Puckey, H. 327
- Mifsud, G.  
*See* Claridge, A. W. 645
- Miller, J. D.  
*See* Read, M. A. 527
- Milne, D. J., Armstrong, M. D., Fisher, A., Flores, T., and Pavey, C. R.  
 A comparison of three survey methods for collecting bat echolocation calls and species-accumulation rates from nightly Anabat recordings. 57
- Minot, E. O.  
*See* Linklater, W. L. 119
- Moriarty, A.  
 The liberation, distribution, abundance and management of wild deer in Australia. 291
- Moro, D.  
*See* Quinlan, K. 219
- Moseby, K. E.  
*See* Finlayson, G. R. 457
- Moss, G. L.  
*See* Masters, P. 267
- Mott, B.  
*See* Körtner, G. 475
- Munungurritj, N.  
*See* Kennett, R. M. 241

- Murphy, E. C., Keedwell, R. J., Brown, K. P., and Westbrooke, I.  
Diet of mammalian predators in braided river beds in the central South Island, New Zealand. 631
- Murray, A. J., and Poore, R. N.  
Potential impact of aerial baiting for wild dogs on a population of spotted-tailed quolls (*Dasyurus maculatus*). 639
- Mutze, G. J.  
*See* Krebs, C. J. 465
- Mutze, G. J., and Sinclair, R. G.  
Efficacy of zinc phosphide, strychnine and chlorpyrifos as rodenticides for the control of house mice in South Australian cereal crops. 249
- Naessig, P. J., and Lanyon, J. M.  
Levels and probable origin of predatory scarring on humpback whales (*Megaptera novaeangliae*) in east Australian waters. 163
- Norris, W. M.  
*See* Sullivan, B. J. 19
- Ohtaishi, N.  
*See* Suzuki, M. 97
- Okada, H.  
*See* Suzuki, M. 97
- Onuma, M.  
*See* Suzuki, M. 97
- Pahl, L. I.  
*See* Sullivan, B. J. 19
- Palmer, R.  
*See* Story, G. 183
- Pavey, C. R.  
*See* Milne, D. J. 57
- Pavey, C. R., and Burwell, C. J.  
Foraging ecology of the horseshoe bat, *Rhinolophus megaphyllus* (Rhinolophidae), in eastern Australia. 403
- Pech, R. P.  
*See* Krebs, C. J. 465
- Pemberton, D., and Gales, R. P.  
Australian fur seals (*Arctocephalus pusillus doriferus*) breeding in Tasmania: population size and status. 301
- Piggott, M. P.  
Effect of sample age and season of collection on the reliability of microsatellite genotyping of faecal DNA. 485
- Pisanu, P.  
*See* Körtner, G. 475
- Pluske JR.  
*See* Hampton, J. O. 375
- Poore, R. N.  
*See* Murray, A. J. 639
- Pope, M. L.  
*See* Cunningham, R. B. 579  
*See* Lindenmayer, D. B. 569
- Pope, M. L., Lindenmayer, D. B., and Cunningham, R. B.  
Patch use by the greater glider (*Petauroides volans*) in a fragmented forest ecosystem. I. Home range size and movements. 559
- Preece, H. J.  
*See* Dique, D. S. 109
- Price, O.  
*See* Woinarski, J. C. Z. 587
- Priddel, D., and Wheeler, R.  
An experimental translocation of brush-tailed bettongs (*Bettongia penicillata*) to western New South Wales. 421
- Puckey, H., Lewis, M. J., Hooper, D., and Michell, C.  
Home range, movement and habitat utilisation of Carpentarian rock-rat (*Zyzomys palatalis*) in an isolated habitat patch. 327
- Quinlan, K., Moro, D., and Lund, M. A.  
Improving trapping success for rare species by targeting habitat types using remotely sensed data: a case study of the heath mouse (*Pseudomys shortridgei*) in Western Australia. 219
- Ramsey, D. S. L.  
*See* Arthur, A. D. 389
- Read, J. L., and Wilson, D.  
Scavengers and detritivores of kangaroo harvest offcuts in arid Australia. 51
- Read, M. A., Miller, J. D., Bell, I. P., and Felton, A.  
The distribution and abundance of the estuarine crocodile, *Crocodylus porosus*, in Queensland. 527
- Robinson, W. A.  
*See* Michael, D. R. 65
- Rogers, K. D., and Booth, D. T.  
A method of sampling blood from Australian freshwater turtles. 93
- Rogers, T.  
*See* Knight, C. 339
- Rummery, C.  
*See* Eldridge, M. D. B. 229
- Saalfeld, K.  
*See* Edwards, G. P. 509
- Salas, L. A., and Stephens, S. A.  
Capture and immobilisation of cuscuses and ringtail possums in Papua New Guinea. 101
- Sarre, S.  
*See* Ji, W. 543
- Saunders, G. R., Berghout, M. J., Kay, B. J., Triggs, B. E., van de Ven, R., and Winstanley, R. K.  
The diet of foxes (*Vulpes vulpes*) in south-eastern Australia and the potential effects of rabbit haemorrhagic disease. 13
- Saxon, M. J.  
*See* Claridge, A. W. 645
- Scanlan, J.  
*See* Story, G. 183
- Sharpe, D. J.  
*See* Goldingay, R. L. 443
- Sinclair, R. G.  
*See* Mutze, G. J. 249
- Singleton, G. R.  
*See* Brown, P. R. 597  
*See* Krebs, C. J. 465  
*See* Sutherland, D. R. 613
- Spencer, P. B. S.  
*See* Hampton, J. O. 375
- Stafford, K. J.  
*See* Linklater, W. L. 119
- Stephens, S. A.  
*See* Salas, L. A. 101
- Story, G., Berman, D. M., Palmer, R., and Scanlan, J.  
The impact of rabbit haemorrhagic disease on wild rabbit (*Oryctolagus cuniculus*) populations in Queensland. 183
- Sullivan, B. J., Baxter, G. S., Lisle A.T., Pahl, L. I., and Norris, W. M.  
Low-density koala (*Phascolarctos cinereus*) populations in the mulgalands of south-west Queensland. IV. Abundance and conservation status. 19

- Sumner, M. D.  
*See* van den Hoff, J. 619
- Sutherland, D. R.  
*See* Jacob, J. 369
- Sutherland, D. R., Banks, P. B., Jacob, J., and Singleton, G. R.  
 Shifting age structure of house mice during a population outbreak. 613
- Suzuki, M., Yokoyama, M., Onuma, M., Takahashi, H., Yamanaka, M., Okada, H., Ichimura, Y., and Ohtaishi, N.  
 Significant relationships between the serum leptin concentration and the conventional fat reserve indices in a wildlife species, Hokkaido sika deer (*Cervus nippon yesoensis*). 97
- Takahashi, H.  
*See* Suzuki, M. 97
- Tamayo, B.  
*See* Körtner, G. 475
- Taylor, B. D., and Goldingay, R. L.  
 Wildlife road-kills on three major roads in north-eastern New South Wales. 83
- Thompson, J.  
*See* Dique, D. S. 109
- Thurgate, N. Y.  
*See* Kutt, A. S. 129
- Triggs, B. E.  
*See* Saunders, G. R. 13
- Twigg, L. E.  
*See* Bruce, J. S. 31, 605
- van Polanen Petel, A. M., Kirkwood, R. J., Gigliotti, F., and Marks, C. A.  
 Adaptation and assessment of M-44 ejectors in a fox-control program on Phillip Island, Victoria. 143
- van de Ven, R.  
*See* Saunders, G. R. 13
- van den Hoff, J., Sumner, M. D., Field, I. C., Bradshaw, C. J. A., Burton, H. R., and McMahon, C. R.  
 Temporal changes in the quality of hot-iron brands on elephant seal (*Mirounga leonina* L.) pups. 619
- Warburton, B., Barker, R., and Coleman, M.  
 Evaluation of two relative-abundance indices to monitor brushtail possums in New Zealand. 397
- Watson, D. M.  
 Comparative evaluation of new approaches to survey birds. 1
- Westbrooke, I.  
*See* Murphy, E. C. 631
- Westcott, D. A., and McKeown, A.  
 Observer error in exit counts of flying-foxes (*Pteropus* spp.). 551
- Wheeler, R.  
*See* Priddel, D. 421
- White, P. C. L.  
*See* Ji, W. 543
- Wilson, D.  
*See* Read, J. L. 51
- Winstanley, R. K.  
*See* Saunders, G. R. 13
- Woinarski, J. C. Z., Armstrong, M., Price, O., McCartney, J., Griffiths, A. D., and Fisher, A.  
 The terrestrial vertebrate fauna of Litchfield National Park, Northern Territory: monitoring over a 6-year period and response to fire history. 587
- Yamanaka, M.  
*See* Suzuki, M. 97
- Yokoyama, M.  
*See* Suzuki, M. 97
- Yunupingu, D.  
*See* Kennett, R. M. 241
- Zenger, K. R.  
*See* Eldridge, M. D. B. 229