

# AUSTRALIAN MAMMALS

## BIOLOGY AND CAPTIVE MANAGEMENT



Stephen Jackson

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# REFERENCES

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- Austin, M.A. (1997) *A Practical Guide to the Successful Handrearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Beaven, M. (1997) Hand rearing of a juvenile platypus. *Proceedings of the ASZK/ARAZPA Conference*. 16–20 March. Auckland Zoo, New Zealand.
- Beeh, P. (1995) Piecing together the platypus killer puzzle. *Geo Australasia* 17(3): 88–98.
- Bennett, G.F. (1834a) Notes on the natural history and habits of the *Ornithorhynchus paradoxus*, Blum. *Transactions of the Zoological Society of London* 1834: 229–58.
- Bennett, G. (1834b) *Proceedings of the Zoological Society of London* December 9 1834: 141–46.
- Blumenbach, J.F. (1800) Über das Schnabelthier (*Ornithorhynchus paradoxus*) ein neuentdecktes Geschlecht von Saughieren des funften welttheils. *Mag. Neuest. Zust. Naturk.* 2: 205–14.
- Booth, R. (1994) Medicine and husbandry: monotremes, wombats and bandicoots. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science, University of Sydney, Sydney, pp. 395–420.
- Booth, R. (1999) Care and medical management of monotremes. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare and Management*. Post Graduate Foundation in Veterinary Science, University of Sydney, Sydney, pp. 41–50.
- Burrell, H. (1927) *The Platypus*. Rigby Ltd, Adelaide.
- Calaby, J.H. (1968) The platypus (*Ornithorhynchus anatinus*) and its venomous characteristics. In W. Bucherl, E.E. Buckley & V. Deulofeu (Eds) *Venomous Animals and their Venoms. Vol. 1. Vertebrates*. Academic Press, New York, pp. 15–29.
- Carrick, F.N., Grant, T.R. & Williams, R. (1982) Platypus *Ornithorhynchus anatinus*: its captive maintenance. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 4–12.
- Carrick, F.N. (1995) Platypus. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 36–38.
- Collins, L.R. (1973) *Monotremes and Marsupials: A Reference for Zoological Institutions*. Smithsonian Institution Press, Washington.
- Collins, G.H., Whittington, R.J. & Canfield, P.J. (1986) *Theileria ornithorhynchi* Mackerras, 1959 in the platypus, *Ornithorhynchus anatinus* (Shaw). *Journal of Wildlife Diseases* 22: 19–24.
- Connolly, J.H. & Obendorf, D.L. (1998) Distribution, capture and physical characteristics of the platypus (*Ornithorhynchus anatinus*) in Tasmania. *Australian Mammalogy* 20: 231–37.
- Connolly, J.H., Obendorf, R.J. & Muir, D.B. (1998) Causes of morbidity and mortality in platypus (*Ornithorhynchus anatinus*) from Tasmania, with particular reference to *Mucor amphibiorum* infection. *Australian Mammalogy* 20: 177–87.
- Connolly, J.H., Obendorf, D.L. & Whittington, R.J. (1999) Haematological, serum biochemical and serological features of platypuses with and without mycotic granulomatous dermatitis. *Australian Veterinary Journal* 77: 809–13.
- Connolly, J.H., Obendorf, D.L. & Whittington, R.J. (2001) *Mucor amphibiorum* infections in the platypus. In A. Martin & L. Vogelnest (2001) *Veterinary conservation biology wildlife health and management in Australasia. Proceedings of International Joint Conference*. Taronga Zoo, Sydney Australia. 1–6 July 2001, pp. 253–59.
- De-La-Warr, M. & Serena, M. (1999) Observations of platypus *Ornithorhynchus anatinus* mating behaviour. *Victorian Naturalist* 116: 172–74.
- Eadie, R. (1935) *The Life and Habits of the Platypus*. Stillwell & Stephens, Melbourne.
- Fenner, P.J., Williamson, J.A. & Meyers, D. (1992) Platypus envenomation – a painful experience. *The Medical Journal of Australia* 157: 829–32.
- Fleay, D. (1944) *We Breed the Platypus*. Robertson and Mullens, Melbourne.
- Fleay, D. (1980) *Paradoxical Platypus – Hobnobbing with Duckbills*. Jacaranda Press.
- Gardner, J.L. & Serena, M. (1995) Spatial organisation and movement patterns of adult male platypus, *Ornithorhynchus anatinus* (Monotremata:

- Ornithorhynchidae). *Australian Journal of Zoology* 43: 91–103.
- Gibson, R.A., Neumann, M., Grant, T.R. & Griffiths, M. (1988) Fatty acids of the milk and food of the platypus (*Ornithorhynchus anatinus*). *Lipids* 23: 377–79.
- Gilfedder, L., Whinam, J. & Harris, S. (1992) An observation of apparent platypus nesting behaviour. *The Tasmanian Naturalist* 109: 4.
- Grant, T.R. & Carrick, F.N. (1974) Capture and marking of the platypus, *Ornithorhynchus anatinus*, in the wild. *Australian Zoologist* 18: 133–35.
- Grant, T.R. & Carrick, F.N. (1978) Some aspects of the ecology of the platypus, *Ornithorhynchus anatinus*, in the upper Shoalhaven River, New South Wales. *Australian Zoologist* 20: 181–99.
- Grant, T.R. & Dawson, T.J. (1978a) Temperature regulation in the platypus, *Ornithorhynchus anatinus*: production and loss of metabolic heat in air and water. *Physiological Zoology* 51: 315–32.
- Grant, T.R. & Dawson, T.J. (1978b) Temperature regulation in the platypus, *Ornithorhynchus anatinus*: maintenance of body temperature in air and water. *Physiological Zoology* 51: 1–6.
- Grant, T.R. (1983a) The behavioural ecology of monotremes. In J.F. Eisenberg & D.G. Kleiman (Eds) *Advances in the Study of Mammalian Behaviour*. American Society of Mammalogists Special Publication No. 7, pp. 360–94.
- Grant, T.R. (1983b) Body temperatures of free ranging platypuses, *Ornithorhynchus anatinus* (Monotremata) with observations on their use of burrows. *Australian Journal of Zoology* 31: 117–22.
- Grant, T.R. & Temple-Smith, P.D. (1983) Size, seasonal weight change and growth in platypuses, *Ornithorhynchus anatinus* (Monotremata: Ornithorhynchidae), from rivers and lakes of New South Wales. *Australian Mammalogy* 6: 51–60.
- Grant, T.R., Griffiths, M. & Leckie, R.M.C. (1983) Aspects of lactation in the platypus, *Ornithorhynchus anatinus* (Monotremata), in waters of eastern New South Wales. *Australian Journal of Zoology* 31: 881–89.
- Grant, T.R. & Whittington, R.J. (1991) The use of freeze drying-banding and implanted transponder tags as a permanent marking method for Platypus, *Ornithorhynchus anatinus* (Monotremata: Ornithorhynchidae). *Australian Mammalogy* 14: 147–50.
- Grant T.R. (1992) Captures, movements and dispersal of platypuses, *Ornithorhynchus anatinus*, in the Shoalhaven River, New South Wales, with evaluation and capture and marking techniques. In M.L. Augée (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 255–63.
- Grant, T.R. & Griffiths, M. (1992) Aspects of lactation and determination of sex ratios and longevity in a free-ranging population of platypuses, *Ornithorhynchus anatinus*, in the Shoalhaven River, NSW. In M.L. Augée (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 80–89.
- Grant, T.R. (1995) *The Platypus*. NSW University Press, Kensington.
- Grant, T.R. & Temple-Smith, P.D. (1998a) Field biology of the platypus (*Ornithorhynchus anatinus*): historical and current perspectives. *Philosophical Transactions of the Royal Society of London* 353: 1081–91.
- Grant, T.R. & Temple-Smith, P.D. (1998b) Growth of nestling and juvenile platypuses (*Ornithorhynchus anatinus*). *Australian Mammalogy* 20: 221–30.
- Grant, T.R. (Ed.) (In press) *A Field Guide for Platypus (Ornithorhynchus anatinus) Capture and Research*. Department of Agriculture, Orange.
- Griffiths, M., Green, B., Leckie, R.M.C., Messer, M. & Newgain, K.W. (1984) Constituents of platypus and echidna milk, with particular reference to the fatty acid complement of the triglycerides. *Australian Journal of Biological Science* 37: 323–29.
- Grigg, G., Beard, L., Grant, T. & Augée, M. (1992) Body temperature and diurnal activity patterns in the platypus (*Ornithorhynchus anatinus*) during Winter. *Australian Journal of Zoology* 40: 135–42.
- Gust, N. & Handasyde, K. (1995) Seasonal variation in the ranging behaviour of the platypus (*Ornithorhynchus anatinus*) on the Goulburn River, Victoria. *Australian Journal of Zoology* 43: 193–208.
- Hawkins, M. & Fanning, D. (1992) Courtship and mating behaviour of captive platypuses at Taronga Zoo. In M.L. Augée (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 106–14.
- Hawkins, M.R. (1998) Time and space sharing between platypuses (*Ornithorhynchus anatinus*) in captivity. *Australian Mammalogy* 20: 195–205.
- Holland, N. & Jackson, S.M. (2002) Reproductive behaviour and food consumption associated with the captive breeding of platypus (*Ornithorhynchus anatinus*). *Journal of Zoology (London)* 256: 279–88.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jackson, P.D. (1979) Survey of fishes in the west branch of the Tarwin River above Berrys Creek. *Victorian Naturalist* 97: 11–14.
- Jamieson, J. (1818) Extracts from the minute book of the society. March 18 1817. Poisonous effects of blow from spur of *Ornithorhynchus*. *Transactions of the Linnean Society of London*. 12: 584–85.
- Joseph, E.S. (1922) My experience with the platypus in captivity. *Bulletin of the New York Zoological Society* 25(5): 105–11.
- Krueger, B., Hunter, S. & Serena, M. (1992) Husbandry, diet and behaviour of platypus *Ornithorhynchus anatinus* at Healesville Sanctuary. *International Zoo Yearbook* 31: 64–71.

- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edition. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- McCull, K.A. (1983) Pathology in captive platypus (*Ornithorhynchus anatinus*) in Victoria, Australia. *Journal of Wildlife Diseases* 19: 118–22.
- McCull, K.A. and Whittington, R.J. (1985) Leptospiral titres in wild platypuses (*Ornithorhynchus anatinus*) in New South Wales. *Australian Veterinary Journal* 62: 66–67.
- Mahoney, J.A. (1988) Ornithorhynchidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. Mammalia. Australian Government Publishing Service, Canberra, pp. 7–10.
- Manger, P.R., Hall, L.S. & Pettigrew, J.D. (1998) The development of the external features of the platypus (*Ornithorhynchus anatinus*). *Philosophical Transactions of the Royal Society of London B* 353: 1115–25.
- Martin, C.J. (1902) Thermal regulation and respiration exchange in monotremes and marsupials: a study in the development of homeothermism. *Philosophical Transactions Royal Society of London. Series B* 195: 1–37.
- Maule, L. (1832) On the habits and economy of the *Ornithorhynchus*. *Proceedings of the Zoological Society of London* September 11, 1832: 145–46.
- Messer, M. & Kerry, K.R. (1973) Milk carbohydrates of the echidna and the platypus. *Science* 180: 201–3.
- Messer, M., Gadiel, P.A., Ralston, G.B. & Griffiths, M. (1983) Carbohydrates of the milk of the platypus. *Australian Journal of Biological Science* 36: 129–37.
- Munday, B.L. & Peel, B.F. (1983) Severe ulcerative dermatitis in platypus. *Journal of Wildlife Diseases* 19: 263–65.
- Munday, B.L., Whittington, R.J. & Stewart, N.J. (1998) Disease conditions and subclinical infections of the platypus (*Ornithorhynchus anatinus*). *Philosophical Transactions of the Royal Society of London B* 353: 1093–99.
- Munks, S.A., Otley, H.M., Bethge, P. & Jackson, J. (2000) Reproduction, diet and daily energy expenditure of the platypus in a sub-alpine Tasmanian Lake. *Australian Mammalogy* 21: 260–61.
- Obendorf, D.L., Peel, B.F. & Minday, B.L. (1993) *Mucor amphibiorum* infection in platypus (*Ornithorhynchus anatinus*) from Tasmania. *Journal of Wildlife Diseases* 29: 485–87.
- Otley, H.M., Munks, S.A. & Hindell, M.A. (2000) Activity patterns, movements and burrows of platypuses (*Ornithorhynchus anatinus*) in a sub-alpine Tasmanian lake. *Australian Journal of Zoology* 48: 701–13.
- Robertson, G. (1989) Aspects of the hand rearing of a captive platypus. *Proceedings of the ASZK Conference*. 5–8 May. Melbourne Zoo, Melbourne.
- Serena, M. & Williams, G.A. (1993a) The survival of platypuses in captivity: a reappraisal with recommendations for veterinary management and future research. *Australian Veterinary Journal* 70: 63–65.
- Serena, M. & Williams, G.A. (1993b) Survival of platypuses in captivity. *Australian Veterinary Journal* 70: 234–35.
- Serena, M. (1994) Use of time and space by the platypus (*Ornithorhynchus anatinus*) along a Victorian stream. *Journal of Zoology (London)* 232: 117–31.
- Serena, M., Thomas, J.L., Williams, G.A. & Officer, R.C.E. (1998) Use of stream and river habitats by the platypus, *Ornithorhynchus anatinus*, in an urban fringe environment. *Australian Journal of Zoology* 46: 267–82.
- Shaw, B. (1799) *The Naturalists Miscellany*. Nodder and Co., London.
- Spicer, W.W. (1877) On the effects of wounds on the human subject inflicted by the spurs of the platypus. *Papers and Proceedings of the Royal Society of Tasmania* 1876: 162–67.
- Strahan, R. & Thomas, D.E. (1975) Courtship of the platypus, *Ornithorhynchus anatinus*. *Australian Zoologist* 18: 165–78.
- Sutherland, S.K. (1983) *Australian Animal Toxins: The creatures, their toxins and care of the poisoned patient*. Oxford University Press, Melbourne.
- Temple-Smith, P.D. (1973) Seasonal breeding biology of the platypus, *Ornithorhynchus anatinus* (Shaw 1799), with special reference to the male. PhD Thesis. Australian National University, Canberra.
- Temple-Smith, P. & Grant, T. (2001) Uncertain breeding: a short history of reproduction in monotremes. *Reproduction, Fertility and Development* 13: 487–97.
- Tidswell, F. (1906) *Researches on Australian Venoms – Snake-bite, Snake-Venom and Antivenine, The Poison of the Platypus, and The Poison of the Red-Spotted Spider*. Department of Public Health, Sydney.
- Tonkin, M.A. & Negrine, J. (1994) Wild platypus attack in the antipodes: A case report. *Journal of Hand Surgery (British Volume)* 19: 162–64.
- Verreaux, J. (1848) Observations sur l'Ornithorhynque. *Revue Zoologique* 11: 127–34.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science, University of Sydney, Sydney, pp. 149–86.
- Whittington, R.J. (1988) The monotremes in health and disease. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science, University of Sydney, Sydney, pp. 727–87.
- Whittington, R.J. & Spratt, D.M. (1989) Lesions associated with metazoan parasites of wild platypuses (*Ornithorhynchus anatinus*). *Journal of Wildlife Disease* 25: 521–26.
- Whittington, R.J., Bell, I.G. & Bell, J.E. (1990) A viral infection causing cytomegalic inclusion disease in the renal epithelium of the platypus (*Ornithorhynchus anatinus*). *Journal of Wildlife Diseases* 26: 55–61.
- Whittington, R.J. (1991) The survival of platypuses in captivity. *Australian Veterinary Journal* 68: 32–35.
- Whittington, R.J. (1992) The role of infectious diseases in the population biology of monotremes. In M.L. Auger (Ed.)

*Platypus and Echidnas*. Royal Zoological Society of New South Wales, Sydney, pp. 285–92.

- Whittington, R., Middleton, D., Spratt, D.M., Muntz, F., Carmel, B., McCracken, H.E., Strackosch, M.R., Stephenson-Shaw, J., Harper, P.A.W. & Hartley, W.J. (1992) Sparganosis in the monotremes *Tachyglossus aculeatus* and *Ornithorhynchus anatinus* in Australia. *Journal of Wildlife Diseases*.
- Whittington, R.J. (1993) Survival of platypuses in captivity. *Australian Veterinary Journal* 70: 234.
- Whittington, R.J. & Grant, T.R. (1995) Haematological changes in the platypus (*Ornithorhynchus anatinus*) following capture. *Journal of Wildlife Diseases* 31: 386–90.
- Whittington, R.J., Connolly, J., Obendorf, D., Emmins, J., Grant, T.R. & Handasyde, K. (2001) Serological responses against the pathogenic dimorphic fungus *Mucor amphibiorum* in populations of platypus (*Ornithorhynchus anatinus*) with and without ulcerative dermatitis. In A. Martin & L. Vogelnest (2001) Veterinary conservation biology wildlife health and management in Australasia. *Proceedings of International Joint Conference*. Taronga Zoo, Sydney Australia. 1–6 July 2001, pp. 261.
- Williams, G. (1992) Management of platypus in Australian zoos, 1987–1991. *Thylacinus* 17(3): 6–8.
- Augee, M.L., Ealey, E.H.M. & Spencer, H. (1970) Biotelemetric studies of temperature regulation and torpor in the echidna, *Tachyglossus aculeatus*. *Journal of Mammalogy* 51: 561–70.
- Augee, M.L., Ealey, E.H.M. & Price, I.P. (1975) Movements of echidnas, *Tachyglossus aculeatus*, determined by marking-recapture and radio-tracking. *Australian Wildlife Research* 2: 93–101.
- Augee, M.L. (1976) Heat tolerance of monotremes. *Journal of Thermal Biology* 1: 181–84.
- Augee, M.L., Bergin, T.J. & Mosses, C. (1978) Observations on behaviour of echidnas at Taronga Zoo. *Australian Zoologist* 20: 121–29.
- Augee, M.L., Beard, L.A., Grigg, G.C. & Raison, J.K. (1992) Home range of echidnas in the snowy mountains. In M.L. Augee (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 225–31.
- Augee, M.L. (1995) Short-beaked echidna *Tachyglossus aculeatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 40–43.
- Augee, M. & Gooden, B. (1997) *Echidnas of Australia and New Guinea*. University of NSW Press, Sydney.
- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Backhouse, T.C. & Bolliger, A. (1959) *Babesia tachyglossi* n. sp. from the echidna *Tachyglossus aculeatus*. *Journal of Protozoology* 6: 320–22.
- Barker, I.K., Beveridge, I. & Munday, B.L. (1985) Coccidia (*Eimeria tachyglossi* n. sp., *E. echidnae* n. sp. and *Octosporella hystrix* n. sp.) in the echidna, *Tachyglossus aculeatus* (Monotremata: Tachyglossidae). *Journal of Protozoology* 32: 523–25.
- Beard, L.A., Grigg, G.C. & Augee, M.L. (1992) Reproduction by echidnas in a cold climate. In M.L. Augee (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 93–100.
- Beard, L.A. & Grigg, G.C. (2000) Reproduction in the short-beaked echidna, *Tachyglossus aculeatus*: field observations at an elevated site in south-east Queensland. *Proceedings of the Linnean Society of New South Wales* 122: 89–99.
- Bellamy, T. (1994) Hand rearing echidnas. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 23–27.
- Boisvert, M. & Grisham, J. (1988) Reproduction of the short-nosed echidna *Tachyglossus aculeatus* at the Okalahoma City Zoo. *International Zoo Yearbook* 27: 103–8.
- Booth, R. (1999) Care and medical management of monotremes. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 41–50.
- Brattstrom, B.H. (1973) Social and maintenance behaviour of the echidna, *Tachyglossus aculeatus*. *Journal of Mammalogy* 54: 50–70.
- Abensberg-Traun, M.A. (1988) Food preference of the echidna, *Tachyglossus aculeatus* (Monotremata: Tachyglossidae), in the wheatbelt of Western Australia. *Australian Mammalogy* 11: 117–23.
- Abenberg-Traun, M.A. (1989) Some observations on the duration of lactation and movements of a *Tachyglossus aculeatus acanthion* (Monotremata: Tachyglossidae) from Western Australia. *Australian Mammalogy* 12: 33–34.
- Abensberg-Traun, M.A. (1991) A study of home-range, movements and shelter use in adult and juvenile echidnas, *Tachyglossus aculeatus* (Monotremata: Tachyglossidae), in Western Australian wheatbelt reserves. *Australian Mammalogy* 14: 13–21.
- Abensperg-Traun, M. & De Boer, E.S. (1992) The foraging ecology of a termite- and ant-eating specialist, the echidna *Tachyglossus aculeatus* (Monotremata: Tachyglossidae). *Journal of Zoology* (London) 226: 243–57.
- Abensberg-Traun, M. (1994) Blindness and survival in free-ranging echidnas, *Tachyglossus aculeatus*. *Australian Mammalogy* 17: 117–19.
- Anon (1986) Species of mammals bred in captivity in 1982 and 1983 and multiple generation births. *International Zoo Yearbook* 24/25: 506–64.
- Anon (1988) Species of mammals bred in captivity in 1985 and multiple generation births. *International Zoo Yearbook* 27: 395–435.

- Brice, P.H., Grigg, G.C., Beard, L.A. & Donan, J.A. (2002) Patterns of activity and inactivity in echidnas (*Tachyglossus aculeatus*) free-ranging in a hot dry climate: correlates with ambient temperature, time of day and season. *Australian Journal of Zoology* 50: 461–75.
- Broom, R. (1895) Note on the period of gestation in echidna. *Proceedings of the Linnean Society of New South Wales* 10: 576–77.
- Campbell, B. (1989) Echidnas breed at Adelaide Zoo. *Thylacinus* 14(4): 3.
- Coleman, E. (1934) The echidna under domestication. *Victorian Naturalist* 51: 12–21.
- Coleman, E. (1935) The echidna under domestication. *Victorian Naturalist* 52: 151–54.
- Collins, L.R. (1973) *Monotremes and Marsupials: A reference for zoological institutions*. Smithsonian Institution Press, Washington.
- Crandall, L.S. (1964) *The Management Of Wild Mammals in Captivity*. Chicago University Press, Chicago.
- Domrow, R. (1991) *Acari prostigmata* (excluding Trombiculidae) parasitic on Australian Vertebrates: an annotated checklist, keys and bibliography. *Invertebrate Taxon* 4: 1283–1376.
- Dunnett, G.M. & Mardon, D.K. (1974) A monograph of Australian fleas (Siphonaptera). *Australian Journal of Zoology Supplement* 30.
- Edwards, M.S. & Lewandowski, A. (1996) Preliminary observations of a new diet for giant anteaters (*Myrmecophaga tridactyla*). *Proceedings of the American Association of Zoo Veterinarians*, pp. 496–99.
- Fieseler, C.A. & Junge, R.E. (1997) The management and husbandry of the short-beaked echidna (*Tachyglossus aculeatus*) at the St. Louis Zoo. St Louis Zoo, St. Louis, Missouri. Unpublished manuscript.
- Finnie, E.P. (1988) Diseases and injuries of other Australian Mammals. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 91–93.
- Flannery, T. (1995) *Mammals of New Guinea*. 2nd Edn. Australian Museum/Reed Books, Sydney.
- Flannery, T.F. & Groves, C.P. (1998) A revision of the genus *Zaglossus* (Monotremata, Tachyglossidae), with description of new species and subspecies. *Mammalia* 62: 367–96.
- Flower, S.S. (1929) List of vertebrated animals exhibited in the gardens of the Zoological Society of London. *Proceedings of the Zoological Society of London* 1929: 1–419.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- George, G. (1990) Monotreme and marsupial breeding programs in Australian Zoos. In J.A. Marshall Graves, R.M. Hope & D.W. Cooper (Eds) *Mammals from Pouches and Eggs*. CSIRO, Melbourne, pp. 39–63.
- Gilruth, J.A., Sweet, G. & Dodd, S. (1911) Observations on the occurrence in the blood of various animals (chiefly monotremes and marsupials) of bodies apparently identical with *Anaplasma marginale* Theiler, 1910. *Parasitology* 4: 1–7.
- Griffiths, M. (1965) Rate of growth and intake of milk in a suckling echidna. *Comparative Biochemistry and Physiology* 16: 383–92.
- Griffiths, M. & Simpson, K.G. (1966) A seasonal feeding habit of spiny anteaters. *CSIRO Wildlife Research* 11: 137–43.
- Griffiths, M. (1968) *Echidnas*. Pergamon Press, London.
- Griffiths, M., McIntosh, D.L. & Coles, R.E.A. (1969) The mammary gland of the echidna, *Tachyglossus aculeatus* with observations on the incubation of the egg and on the newly-hatched young. *Journal of Zoology* (London) 158: 371–86.
- Griffiths, M. (1978) *The Biology of the Monotremes*. Academic Press, New York.
- Griffiths, M., Green, B., Leekie, R.M.C., Messer, M. & Newgrain, K. (1984) The constituents of platypus and echidna milk with particular reference to the fatty acid complement of the tryglycerides. *Australian Journal of Biological Sciences* 37: 323–29.
- Griffiths, M., Kristo, F., Green, B., Fogerty, A.C. & Newgrain, K. (1988) Observations on free-living lactating echidnas *Tachyglossus aculeatus* (Monotremata: Tachyglossidae) and sucklings. *Australian Mammalogy* 11: 135–43.
- Grigg, G.C., Beard, L.A. & Augee, M.L. (1989) Hibernation in a monotreme, the echidna (*Tachyglossus aculeatus*). *Comparative Biochemistry and Physiology* 92A: 609–12.
- Grigg, G.C., Augee, M.L. & Beard, L.A. (1992) Thermal relations of free-living echidnas during activity and in hibernation in a cold climate. In M.L. Augee (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 160–73.
- Heck, L. (1908) Echidna-Zuchtung im Berliner Zoologischen Garten. *Gesell. Naturforsch. Freunde. Berlin Sitzungsbericht* 1908: 187–89.
- Heniger, H. & Kummer. (1961) Das Verhalten der Schnabeligel (Tachyglossidae). *Handbuch d. Zool.* 8: 1–8.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Lang, E.M. (1958) Neves vom Schnabeligel (*Echidna aculeata*). *Bulletin des Zoologischen Gartens Basel* 19: 5–8.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- MacKerras, M.J. (1959) The haematozoa of Australian mammals. *Australian Journal of Zoology* 7: 105–35.
- McOrist, S. & Smales, L. (1986) Morbidity and mortality of free-living and captive echidnas, *Tachyglossus aculeatus* (Shaw) in Australia. *Journal of Wildlife Diseases* 22: 375–80.
- Mahoney, J.A. (1988) Tachyglossidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 4–6.
- Martin, C.J. (1902) Thermal regulation and respiration exchange in monotremes and marsupials: a study in the

- development of homeothermism. *Philosophical Transactions Royal Society of London. Series B* 195: 1–37.
- Messer, M. & Kerry, K.R. (1973) Milk carbohydrates of the echidna and the platypus. *Science* 180: 201–3.
- Miklouho-Maclay, N. de (1884) Temperature of the body of *Echidna hystrix* Cuv. *Proceedings of the Linnean Society of New South Wales* 8: 425–26.
- Muirhead, L. (1989) Zoo News – Adelaide Zoo. *Thylacinus* 14(3): 28.
- Priestly H. (1915) *Theileria tachyglossi* n. sp. A blood parasite of *Tachyglossus aculeatus*. *Annals of Tropical Medicine and Parasites* 91: 233–39.
- Rismiller, P.D. (1992) Field observations on Kangaroo Island echidnas (*Tachyglossus aculeatus multiaculeatus*) during the breeding season. In M.L. Augée (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 101–05.
- Rismiller, P. (1993) Overcoming a prickly problem. *Australian Natural History* 4: 22–29.
- Rismiller, P.G. & McKelvey, M.W. (1994) Orientation and location in short-tailed echidnas *Tachyglossus aculeatus*. In M. Serena (Ed.) *Reintroduction Biology of Australian and New Zealand Fauna*. Surrey Beatty & Sons, Sydney, pp. 227–34.
- Rismiller, P.D. & McKelvey, M.W. (1996) Sex, torpor and activity in temperate climate echidnas. In F. Geiser, A.J. Hulbert & S.C. Nicol (Eds) *Adaptations to the Cold: Tenth International Hibernation Symposium*. University of New England, Armidale, pp. 23–30.
- Rismiller, P. (1999) *The Echidna: Australia's Enigma*. Hugh Lauter Leven Associates, Hong Kong.
- Rismiller, P.G. & McKelvey, M.W. (2000) Frequency of breeding and recruitment in the short-tailed echidna, *Tachyglossus aculeatus*. *Journal of Mammalogy* 81: 1–17.
- Rismiller, P. (2001) *Tachyglossus aculeatus*. *Mammalian Species*. Submitted.
- Rismiller, P.D. & McKelvey, M.W. (2003) (In press) Body mass, age and sexual maturity in short-beaked echidnas, *Tachyglossus aculeatus*. *Comparative Biochemistry and Physiology*.
- Roberts, F.H.S. (1970) *Australian Ticks*. CSIRO, Australia.
- Robinson, K.W. (1954) Heat tolerance of Australian monotremes and marsupials. *Australian Journal of Biological Science* 7: 348–60.
- Rose, K. (1999) Common diseases of urban wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 365–427.
- Schmidt-Nielsen, K., Dawson, T.J. & Crawford, Jr, E.C. (1966) Temperature regulation in the echidna (*Tachyglossus aculeatus*). *Journal of Cellular Physiology* 67: 63–72.
- Semon, R. (1899) *In the Australian Bush*. Macmillan & Co. London.
- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Spratt, D.M., Beveridge, I. & Walter, E.L. (1991) A catalogue of Australasian monotremes and marsupials and their recorded helminth parasites. *Records of the South Australian Museum*, Monograph Series 1: 10–105.
- Temple-Smith, P. & Grant, T. (2001) Uncertain breeding: a short history of reproduction in monotremes. *Reproduction, Fertility and Development* 13: 487–97.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–87.
- Whittington, R.J. (1988) The monotremes in health and disease. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 727–87.
- Whittington, R.J., Bell, I. & Searson, J.E. (1990) A viral infection causing cytomegalic inclusion disease in the renal epithelium of the platypus (*Ornithorhynchus anatinus*). *Journal of Wildlife Diseases* 26: 55–61.
- Whittington, R.J. (1992) The role of infectious diseases in the population biology of monotremes. In M.L. Augée (Ed.) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney, pp. 285–92.
- Whittington, R., Middleton, D., Spratt, D.M., Muntz, F., Carmel, B., McCracken, H.E., Strackosch, M.R., Stephenson-Shaw, J., Harper, P.A.W. & Hartley, W.J. (1992) Sparganosis in the monotremes *Tachyglossus aculeatus* and *Ornithorhynchus anatinus* in Australia. *Journal of Wildlife Diseases* 28: 636–40.
- Wilkinson, D.A., Grigg, G.C. & Beard, L.A. (1998) Shelter selection and home range of echidnas, *Tachyglossus aculeatus*, in the highlands of south-east Queensland. *Wildlife Research* 25: 219–32.
- Woods, R. (1999) Prevention of disease in hand reared native wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 455–70.

## Chapter 3 – Carnivorous marsupials

- Allen, M.E. & Oftedal, O.T. (1989) Dietary manipulation of the calcium content of feed crickets. *Journal of Zoo and Wildlife Medicine* 20: 26–33.
- Anderson, S.J. (2000) Increasing calcium levels in cultured insects. *Zoo Biology* 19: 1–9.
- Andrew, D.L. & Settle, G.A. (1982) Observations on the behaviour of species of *Planigale* (Dasyuridae, Marsupialia) with particular reference to the narrow-nosed *Planigale*. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 311–24.

- Archer, M. (1974) Some aspects of reproductive behaviour and the male erectile organs of *Dasyurus geoffroii* and *D. hallucatus* (Dasyuridae: Marsupialia). *Memoirs of the Queensland Museum* 17: 63–67.
- Archer, M. (1976) Revision of the marsupial genus *Planigale* Troughton (Dasyuridae). *Memoirs of the Queensland Museum* 17: 341–65.
- Arnold, J. (1976) Growth and development of the chuditch, *Dasyurus geoffroii*. PhD Thesis. University of Western Australia, Perth.
- Arnold, J. & Shield, J. (1970) Growth and development of the chuditch (*Dasyurus geoffroii*). *Bulletin of the Australian Mammal Society* 2: 198.
- Arundel, J.H., Barker, I.K. & Beveridge, I. (1977) Diseases of marsupials. In B. Stonehouse & D. Gilmore (Eds) *The Biology of Marsupials*. Macmillan, London, pp. 141–54.
- Aslin, H.J. (1974) The behaviour of *Dasyuroides byrnei* (Marsupialia) in captivity. *Zeitschrift fur Tierpsychologie* 35: 187–208.
- Aslin, H.J. (1975) Reproduction in *Antechinus maculatus* Gould (Dasyuridae). *Australian Wildlife Research* 2: 77–80.
- Aslin, H.J. (1980) Biology of a laboratory colony of *Dasyuroides byrnei* (Marsupialia: Dasyuridae). *Australian Zoologist* 20: 457–71.
- Aslin, H. J. (1982) Small dasyurid marsupials: their maintenance and breeding in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 22–26.
- Aslin, H.J. (1983) Reproduction in *Sminthopsis ooldea* (Marsupialia: Dasyuridae). *Australian Mammalogy* 6: 93–95.
- Aslin, H.J. & Lim, L. (1995) Kowari *Dasyuroides byrnei*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 59–61.
- Attwood, H.D. & Woolley, P.A. (1970) Toxoplasmosis in dasyurid marsupials. *Pathology* 2: 77–78.
- Attwood, H.D. & Woolley, P.A. (1973) Spontaneous malignant neoplasms in dasyurid marsupials. *Journal of Comparative Pathology* 8: 569–81.
- Attwood, H.D., Woolley, P.A. & Rickard, M.D. (1975) Toxoplasmosis in dasyurid marsupials. *Journal of Wildlife Diseases* 11: 543–51.
- Attwood, H. D. & Woolley, P. A. (1982) Histopathology of captive dasyurid marsupials. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 27–30.
- Austin, M.A. (1997) *A Practical Guide to the Successful Handrearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bach, C. (1998) *Birth Date Determination in Australasian Marsupials*. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Barker, I.K., Beveridge, I., Bradley, A.J. & Lee, A.K. (1978) Observations of spontaneous stress related mortality among males of the dasyurid marsupial *Antechinus stuartii* Macleay. *Australian Journal of Zoology* 26: 435–47.
- Barnett, J.L. (1973) A stress response in *Antechinus stuartii* (Macleay). *Australian Journal of Zoology* 21: 501–13.
- Begg, R.J. (1981a) The small mammals of Little Nourlangie Rock, N.T. III. Ecology of *Dasyurus hallucatus*, the northern quoll (Marsupialia: Dasyuridae). *Australian Wildlife Research* 8: 73–85.
- Begg, R.J. (1981b) The small mammals of Little Nourlangie Rock, N.T. II. Ecology of *Antechinus bilarni*, the sandstone antechinus (Marsupialia: Dasyuridae). *Australian Wildlife Research* 8: 57–72.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–67.
- Bellamy, T. (1994) Handrearing native animals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science, University of Sydney, Sydney, pp. 7–20.
- Bennett, J. H., Smith, M. J., Hope, R. M. & Chesson, C. M. (1982) Fat-tailed dunnart *Sminthopsis crassicaudata*: establishment and maintenance of a laboratory colony. In D. D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 38–44.
- Bennett, J.H., Breed, W.G., Hayman, D.L. & Hope, R.M. (1990) Reproductive and genetical studies with a laboratory colony of the dasyurid marsupial *Sminthopsis crassicauda*. *Australian Journal of Zoology* 37: 207–22.
- Benshemesh, J. & Johnson, K. (2003) Biology and conservation of marsupial moles (*Notoryctes*). In M. Jones, C. Dickman & M. Archer (Eds) *Predators with Pouches: The Biology of Carnivorous Marsupials*. CSIRO Publishing, Melbourne, pp. 464–74.
- Bernard, J.B., Allen, M.E. & Ullrey, D.E. (1997) *Feeding captive insectivorous animals: nutritional aspects of insects as food*. Nutrition Advisory Group Handbook. Fact Sheet 003. American Zoo Association.
- Bettiol, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. (2000) Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 141–44.
- Beveridge, I. & Barker, I.K. (1976) The parasites of *Antechinus stuartii* Macleay from Powelltown, Victoria, with observations on seasonal and sex-related variations in numbers of helminths. *Australian Journal of Zoology* 24: 265–72.
- Boden, E. (1998) *Black's Veterinary Dictionary*. A & C Black, London.
- Booth, R. (1994) Medicine and husbandry: Dasyurids, possums and bats. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science, University of Sydney, Sydney, pp. 423–41.

- Booth, R. (1999) 'Macropods: Hand raising, husbandry, diseases and rehabilitation'. *Wildlife Veterinary Notes*.
- Bradley, A.J. (1987) Stress and mortality in the red-tailed phascogale, *Phascogale calura* (Marsupialia: Dasyuridae). *General and Comparative Endocrinology* 67: 85–100.
- Bradley, A.J. (1995) Red-tailed phascogale *Phascogale calura*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 102–03.
- Bradley, A.J. (1997) Reproduction and life history in the red-tailed phascogale, *Phascogale calura* (Marsupialia: Dasyuridae): the adaptive-stress senescence hypothesis. *Journal of Zoology* (London) 241: 739–55.
- Braithwaite, R.W. (1974) Behavioural changes associated with the population cycle of *Antechinus stuartii* (Marsupialia). *Australian Journal of Zoology* 22: 45–62.
- Braithwaite, R.W. (1979) Social dominance and habitat utilisation in *Antechinus stuartii* (Marsupialia). *Australian Journal of Zoology* 27: 517–28.
- Braithwaite, R.W. & Lee, A.K. (1979) A mammalian example of semelparity. *American Naturalist* 113: 151–6.
- Braithwaite, R.W. & Griffiths, A.D. (1994) Demographic variation and range contraction in the northern quoll *Dasyurus hallucatus* (Marsupialia: Dasyuridae). *Wildlife Research* 21: 203–17.
- Braude, S. & Cizek, D. (1998) Survival of naked mole-rats marked by implantable transponders and toe-clipping. *Journal of Mammalogy* 70: 360–63.
- Breckon, G. & Hulse, E.V. (1972) Difficulties in the management of *Sminthopsis crassicaudata* due to iodine deficiency and thyroid disease. *Laboratory Animals* 6: 109–18.
- Bryant, S. (1988) Maintenance and breeding of the eastern quoll *Dasyurus viverrinus*. *International Zoo Yearbook* 27: 119–24.
- Buchmann, O.L.K. & Guiler, E.R. (1977) Behaviour and ecology of the Tasmanian devil, *Sarcophilus harrisii*. In B. Stonehouse & D. Gilmore (Eds) *The Biology of Marsupials*. Macmillan: London, pp. 155–68.
- Calaby, J.H. & Taylor, J.M. (1981) Reproduction in two marsupial mice, *Antechinus bellus* and *A. bilarni* (Dasyuridae), of tropical Australia. *Journal of Mammalogy* 62: 329–41.
- Canfield, P.J., Hartley, W.J. & Dubey, J.P. (1990) Lesions of toxoplasmosis in Australian Marsupials. *Journal of Comparative Pathology* 103: 159–67.
- Carnio, J. (1993) Captive management and breeding of the kowari (*Dasyuroides byrnei*) at the Metropolitan Toronto Zoo. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 61–72.
- Chen, X., Dickman, C.R. & Thompson, M.B. (1998) Diet of the mulgara, *Dasyercus cristicauda* (Marsupialia: Dasyuridae), in the Simpson Desert, central Australia. *Wildlife Research* 25: 233–42.
- Close, R.L. (1983) Detection of oestrous in the kowari *Dasyuroides byrnei* (Marsupialia: Dasyuridae). *Australian Mammalogy* 6: 41–43.
- Cockburn, A. & Lazenby-Cohen, K.A. (1992) Use of nest trees by *Antechinus stuartii*, a semelparous lekking marsupial. *Journal of Zoology* (London) 226: 657–80.
- Collins, L.R. (1973) *Monotremes and Marsupials*. Smithsonian Institution Press, Washington.
- Collins, L., Flicker, L., Heath, A., Peterson, G., Pojeta, K., Rodden, M., Rodden, R., Watson-Jones, J. & Baird, M.W. (1993) Captive management and husbandry procedures for tiger quolls (*Dasyurus maculatus*). In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 47–54.
- Coventry, A.J. & Dixon, J.M. (1984) Small native mammals from the Chinaman Well area of north-western Victoria. *Australian Mammalogy* 7: 111–15.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Croft, D.B. (1982) Communication in the Dasyuridae (Marsupialia): A review. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 291–309.
- Croft, D.B. (2003) Behaviour of carnivorous marsupials. In M. Jones, C. Dickman & M. Archer (Eds) *Predators with Pouches: The Biology of Carnivorous Marsupials*. CSIRO Publishing, Melbourne, pp. 332–46.
- Crowther, M.S., Dickman, C.R. & Lyman, A.J. (1999) *Sminthopsis griseoventer boullangerensis* (Marsupialia: Dasyuridae), a new subspecies in the *S. murina* complex from Boullanger Island, Western Australia. *Australian Journal of Zoology* 47: 215–43.
- Cunningham, M. (1994) Parasites of native animals observed at Taronga Zoo from 1979–1994. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 291–95.
- Cuttle, P. (1982a) A preliminary report on aspects of the behaviour of the dasyurid marsupial *Phascogale tapoatafa*. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 325–32.
- Cuttle, P. (1982b) Life history strategy of the dasyurid marsupial *Phascogale tapoatafa*. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 13–22.
- Davies, S.J.J.F. (1960) A note on two small mammals of the Darwin area. *Journal of the Proceedings of the Royal Society of Western Australia* 43: 63–66.
- Dempster, E.R. (1995) The social behaviour of captive northern quolls, *Dasyurus hallucatus*. *Australian Mammalogy* 18: 27–34.

- Denny, M.J.S. (1982) Review of planigale (Dasyuridae, Marsupialia) ecology. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 131–38.
- Denny, M.J.S., Gibson, D. & Read, D. (1979) Some results of field observations on planigales. *Bulletin of the Australian Mammal Society* 5: 27.
- Dickman, C.R. (1982) Some ecological aspects of seasonal breeding in *Antechinus* (Dasyuridae: Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 139–50.
- Dickman, C.R. (1985) Effects of photoperiod and endogenous control on timing of reproduction in the marsupial genus *Antechinus*. *Journal of Zoology* (London) 206: 509–24.
- Dickman, C.R. (1988) Detection of physical contact interactions among free-living mammals. *Journal of Mammalogy* 69: 865–68.
- Dickman, C.R. & Braithwaite, R.W. (1992) Postmating mortality of males in the dasyurid marsupials, *Dasyurus* and *Parantechinus*. *Journal of Mammalogy* 73: 143–47.
- Dickman, C.R. (1993) Evolution of semelparity in male dasyurid marsupials: a critique and an hypothesis of sperm competition. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *The Biology and Management of Australian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group. pp. 25–38.
- Dickman, C.R., Haythornthwaite, A.S., McNaught, G.H., Mahon, P.S. & Tamayo, B. (2001) Population dynamics of three species of dasyurid marsupials in arid central Australia: a 10-year study. *Wildlife Research* 28: 493–506.
- Dixon, J.M. (1989) Thylacinidae. In D. Walton & B.J. Richardson (Eds) *Fauna of Australia. Vol. B*. Australian Government Publishing Service, Canberra, pp. 549–59.
- Dubey, J.P. (1974) Effect of freezing on the infectivity of *Toxoplasma* cysts to cats. *Journal of the American Veterinary Association* 165: 534–36.
- Dunlop, J.N. & Sawle, M. (1982) The habitat and life history of the Pilbara ningau *Ningaui timealeyi*. *Records of the Western Australian Museum* 10: 47–52.
- Edgar, R. & Belcher, C. (1995) Spotted-tailed quoll *Dasyurus maculatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 67–69.
- Eisenberg, J.F., Collins, L.R. & Wemmer, C. (1975) Communication in the Tasmanian devil (*Sarcophilus harrisii*) and a survey of auditory communication in the Marsupialia. *Zeitschrift fur Tierpsychologie* 37: 379–99.
- Ewer, R.F. (1968) A preliminary survey of the behaviour in captivity of the dasyurid marsupial, *Sminthopsis crassicaudata* (Gould). *Zeitschrift fur Tierpsychologie* 25: 319–65.
- Fanning, F.D. (1982) Reproduction, growth and development in *Ningaui* sp. (Dasyuridae, Marsupialia) from the Northern Territory. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 23–37.
- Fisher, D.O. & Dickman, C.R. (1993) Body size-prey relationships in insectivorous marsupials: tests of three hypotheses. *Ecology* 74: 1871–83.
- Flannery, T.F. (1995a) *Mammals of New Guinea*. Reed Books, Sydney.
- Flannery, T.F. (1995b) *Mammals of the South-west Pacific & Moluccan Islands*. Reed Books, Sydney.
- Fleay, D. (1929) The fat-tailed pouched mouse. *Victorian Naturalist* 45: 278–80.
- Fleay, D. (1932) Swainson's phascogale (The Bush Mouse). *Victorian Naturalist*. 49: 132–34.
- Fleay, D. (1934) The brush-tailed phascogale: first record of breeding habitat. *Victorian Naturalist* 51: 89–100.
- Fleay, D. (1935a) Notes on the breeding of Tasmanian devils. *Victorian Naturalist*. 52: 100–5.
- Fleay, D. (1935b) Breeding of *Dasyurus viverrinus* and general observations on the species. *Journal of Mammalogy* 16: 10–16.
- Fleay, D. (1940) Breeding of the tiger cat. *Victorian Naturalist* 56: 159–63.
- Fleay, D. (1949) The yellow-footed marsupial mouse. *Victorian Naturalist* 65: 272–77.
- Fleay, D. (1950) Experiences with Australia's brush-tailed tuan. *Animal Kingdom* 53 (5): 152–57.
- Fleay, D. (1952) The Tasmanian or marsupial devil – its habits and family life. *Australian Museum Magazine* 10: 275–80.
- Fleay, D. (1961) Breeding the mulgara. *Victorian Naturalist* 78: 160–67.
- Fleay, D. (1962) The northern quoll, *Satanellus hallucatus*. *Victorian Naturalist* 78: 288–93.
- Fleay, D. (1965) Australia's 'needle-in-a-haystack' marsupial: Vicissitudes in the pursuit and study of Ingram's planigale, the smallest pouch bearer. *Victorian Naturalist* 82: 195–204.
- Fletcher, T.P. (1977) Reproduction in the native cat, *Dasyurus viverrinus* (Shaw). BSc (Hons) Thesis. University of Tasmania, Hobart.
- Fletcher, T.P. (1983) Endocrinology of reproduction in the dasyurid marsupial *Dasyuroides byrnei* (Spencer). PhD Thesis. La Trobe University, Melbourne.
- Fletcher, T. P. (1985) Aspects of reproduction in the male eastern quoll, *Dasyurus viverrinus* (Shaw) (Marsupialia: Dasyuridae), with notes on polyoestry in the female. *Australian Journal of Zoology* 33: 101–10.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- Fox, B.J. & Whitford, D. (1982) Polyoestry in a predictable coastal environment: reproduction, growth and development in *Sminthopsis murina* (Dasyuridae, Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 39–48.
- Fox, B.J. (1995) Common dunnart *Sminthopsis murina*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 150–51.

- Fraenkel, G., Blewett, M. & Coles, M. (1950) The nutrition of the mealworm, *Tenebrio molitor* L. (Tenbrionidae, Coleoptera). *Physiological Zoology* 23: 92–108.
- Frey, H. (1991) Energetic significance of torpor and other energy-conserving mechanisms in free-living *Sminthopsis crassicaudata* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 39: 689–708.
- Friend, G.R. (1985) Ecological studies of a population of *Antechinus bellus* (Marsupialia: Dasyuridae) in tropical northern Australia. *Australian Wildlife Research* 12: 151–62.
- Friend, G.R., Johnson, B.W., Mitchell, D.S. & Smith, G.T. (1997) Breeding, population dynamics and habitat relationships of *Sminthopsis dolichura* (Marsupialia: Dasyuridae) in semi-arid shrublands of Western Australia. *Wildlife Research* 24: 245–26.
- Frigo, L. and Woolley, P.A. (1997) Growth and development of pouch young of the Stripe-faced Dunnart, *Sminthopsis macroura* (Marsupialia: Dasyuridae), in captivity. *Australian Journal of Zoology* 45: 157–70.
- Gaikhorst, G. (1999) *Animal Management Guidelines for the Western Quoll Chudditch Dasyurus geoffroii*. Perth Zoo, Western Australia.
- Ganslosser, U. & Meissner, K. (1984) Behavioural signs of oestrous in *Dasyuroides byrnei* (Marsupialia: Dasyuridae). *Australian Mammalogy* 7: 223–24.
- Geiser, F., Augee, M.L., McCarron, H.C.K. & Raison, J.K. (1984) Correlates of torpor in the insectivorous dasyurid marsupial *Sminthopsis murina*. *Australian Mammalogy* 7: 185–91.
- Geiser, F. & Baudinette, R.V. (1985) The influence of temperature and photophase on daily torpor in *Sminthopsis macroura* (Dasyuridae: Marsupialia). *Journal of Comparative Physiology A* 156: 129–34.
- Geiser, F. (1986) Thermoregulation and torpor in the kultarr, *Antechinomys laniger* (Marsupialia: Dasyuridae). *Journal of Comparative Physiology Ser B*. 156: 751–57.
- Geiser, F. (1994) Hibernation and daily torpor in marsupials: a review. *Australian Journal of Zoology*. 42: 1–16.
- George, G. (1990) Monotreme and marsupial breeding programs in Australian Zoos. In J.A. Marshall Graves, R.M. Hope & D.W. Cooper (Eds) *Mammals from Pouches and Eggs*. CSIRO, Melbourne, pp. 39–63.
- George, H., Parker, G. & Coote, P. (1995) Common Wombats: Rescue Rehabilitation Release. Unpublished manuscript.
- Gibson, D.F. & Cole, J.R. (1992) Aspects of the ecology of the mulgara, *Dasyercus cristicauda* (Marsupialia: Dasyuridae) in the Northern Territory. *Australian Mammalogy* 15: 105–12.
- Gillfillan, S.L. (2001) An ecological study of a population of *Pseudantechinus macdonnellensis* (Marsupialia: Dasyuridae) in central Australia. I. Invertebrate food supply, diet and reproductive strategy. *Wildlife Research* 28: 469–80.
- Godfrey, G.K. (1969a) Reproduction in a laboratory colony of the marsupial mouse *Sminthopsis larapinta* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 17: 637–54.
- Godfrey, G.K. (1969b) The influence of increased photoperiod on reproduction in the dasyurid marsupial, *Sminthopsis crassicaudata*. *Journal of Mammalogy* 50: 132–33.
- Godfrey, G.K. & Crowcroft, P. (1971) Breeding the fat-tailed marsupial mouse *Sminthopsis crassicaudata* in captivity. *International Zoo Yearbook* 11: 33–38.
- Godsell, J. (1982a) Notes on housing the eastern quoll *Dasyurus viverrinus* in outdoor enclosures. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 45.
- Godsell, J. (1982b) The population ecology of the eastern quoll (Dasyuridae: Marsupialia), in southern Tasmania. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 199–207.
- Godsell, J. (1995) Eastern quoll *Dasyurus viverrinus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 70–71.
- Gould, J. (1863) *Mammals of Australia*. London.
- Green, B. (1984) Composition of milk and energetics of growth in marsupials. *Symposia of the Zoological Society of London* 51: 369–87.
- Green, B., Merchant, J. & Newgrain, K. (1987) Milk composition in the eastern quoll, *Dasyurus viverrinus* (Marsupialia: Dasyuridae). *Australian Journal of Biological Sciences* 40: 379–87.
- Green, K. & Crowley, H. (1989) Energetics and behaviour of active subnivean insectivores *Antechinus swainsonii* and *A. stuartii* (Marsupialia: Dasyuridae) in the snowy mountains. *Australian Wildlife Research* 16: 509–16.
- Green, R.H. (1967) Notes on the devil (*Sarcophilus harrisii*) and the quoll (*Dasyurus viverrinus*) in north-eastern Tasmania. *Records of the Queen Victoria Museum* 27: 1–13.
- Green, R.H. & Scarborough, T.J. (1990) The spotted-tailed quoll *Dasyurus maculatus* (Dasyuridae, Marsupialia) in Tasmania. *Tasmanian Naturalist* 100: 1–15.
- Guiler, E.R. (1961) Breeding season of the thylacine. *Journal of Mammalogy* 42: 396–97.
- Guiler, E.R. (1970) Observations on the Tasmanian devil, *Sarcophilus harrisii* (Marsupialia: Dasyuridae). II. Reproduction, breeding, and growth of pouch young. *Australian Journal of Zoology* 18: 63–70.
- Guiler, E.R. (1978) Observations on the Tasmanian devil, *Sarcophilus harrisii* (Marsupialia, Dasyuridae), at Granville Harbour, 1966–75. *Papers of the Royal Society of Tasmania* 112: 161–88.
- Guiler, E. (1985) *Thylacine: The Tragedy of the Tasmanian Tiger*. Oxford University Press, Melbourne.
- Guiler, E. & Godard, P. (1998) *Tasmanian Tiger: a lesson to be learnt*. Abrolhos Publishing, Perth.
- Gunn, R. (1863) Letter announcing the shipment of living thylacines, with remarks on their habits. *Proceedings of the Zoological Society of London* 31: 103–4.
- Hall, S. (1980) Diel activity of three small mammals coexisting in forest in southern Victoria. *Australian Mammalogy* 3: 67–79.

- Halley, M. (1992) Maintenance and captive breeding of the brush-tailed phascogale *Phascogale tapoatafa*. *International Zoo Yearbook* 31: 71–78.
- Harris, G.P. (1807) Description of two new species of *Didelphis* from Van Diemen's Land. *Transactions of the Linnean Society of London* (1)9: 174–78.
- Hawkins, M.R. (1998) Effects of olfactory enrichment on Australian marsupial species. In *Proceedings of the Third International Conference on Behavioural Enrichment*. Sea World Orlando Florida. 12–17 October 1997. Shape of Enrichment Inc., San Diego, California, pp. 135–49.
- Heinsohn, G.E. (1970) World's smallest marsupial: the flat-headed marsupial mouse. *Animals* 13: 220–22.
- Hellingham, H. (1999) Detecting oestrous cycles in the northern territory quoll (*Dasyurus hallucatus*) at Melbourne Zoo. ASZK/ARAZPA Conference Alice Springs Desert Park.
- Hill, J.P. & Hill, W.C.O. (1955) The growth stages of the pouch young of the native cat (*Dasyurus viverrinus*) together with observations on the anatomy of the new-born young. *Transactions of the Zoological Society of London* 28: 349–453.
- Hill, J.P. & O'Donoghue, C.H. (1913) The reproductive cycle in the marsupial *Dasyurus viverrinus*. *Quarterly Journal of Microscopical Science* 59: 133–74.
- Hine, R.S. (1988) *Concise Veterinary Dictionary*. Oxford University Press, Oxford.
- Holloway, J.C. & Geiser, F. (1996) Effect of photoperiod on torpor and activity of *Sminthopsis crassicaudata* (Marsupialia). In F. Geiser, A.J. Hulbert & S.C. Nicol (Eds) *Adaptations to Cold: Tenth International Hibernation Symposium*. University of New England Press, Armidale, pp. 95–102.
- Horner, B.E. & Taylor, J.M. (1959) Results of the Archbold Expeditions. No. 80. Observations on the biology of the marsupial mouse, *Antechinus flavipes flavipes*. *American Museum Novitates*. 1972: 1–24.
- Howe, D. (1975) Observations on a captive marsupial mole *Notoryctes typhlops*. *Australian Mammalogy* 1: 361–65.
- Hughes, R.L. (1982) Reproduction in the Tasmanian devil *Sarcophilus harrisii* (Dasyuridae, Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 49–63.
- Hughes, R.L. (1999a) Reproduction in wild caught female Tasmanian devils *Sarcophilus harrisii*. Abstract. Australian Mammal Society Newsletter.
- Hughes, R.L. (1999b) Gestational development and placentation in the Tasmanian devil *Sarcophilus harrisii*. Abstract. Australian Mammal Society Newsletter.
- Hunter, S. (1991) Fostering tuans. *Thylacinus* 16: 10.
- Hutson, G.D. (1976) Grooming behaviour and birth in the dasyurid marsupial *Dasyuroides byrnei*. *Australian Journal of Zoology* 24: 277–82.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Geneva.
- Janssens, P.H. & Ternouth, J.H. (1987) The transition from milk to forage diets. In J.B. Hyacker & J.H. Ternouth (Eds) *The Nutrition of Herbivores*. Academic Press, Sydney, pp. 281–305.
- Johnson, K.A. & Walton, D.W. (1989) Notoryctidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 591–602.
- Johnson, K. (1991) The mole who comes in from the sun. *Wildlife Australia* Spring: 8–9.
- Johnson, K.A. (1995) Marsupial mole. *Notoryctes typhlops*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 409–11.
- Jones, F.W. (1923) *The Mammals of South Australia*. Government Printer, Adelaide, South Australia.
- Jones, L.D., Cooper, R.W. & Harding, R.S. (1972) Composition of mealworm *Tenebrio molitor* larvae. *Journal of Zoo and Animal Medicine* 3: 34–41.
- Jones, M. (1995) Tasmanian devil *Sarcophilus harrisii*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 82–84.
- Jones, M.E. & Stoddart, D.M. (1998) Reconstruction of the predator behaviour of the extinct marsupial thylacine. *Journal of Zoology* (London) 246: 239–46.
- Jones, M.E. (2003) Convergence in ecomorphology and guild structure among marsupial and placental carnivores. In M.E. Jones, C.R. Dickman & M. Archer (Eds) *Predators With Pouches: The Biology of Carnivorous Marsupials*. CSIRO Publishing, Melbourne, pp. 285–96.
- Kelly, A. (1993) Management of Tasmanian devils (*Sarcophilus harrisii*) at the Tasmanian Wildlife Park. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 79–84.
- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1990) Circadian rhythms of wheel-running in the eastern quoll, *Dasyurus viverrinus* (Marsupialia: Dasyuridae). *Australian Mammalogy* 13: 11–16.
- Kitchener, D.J. (1981) Breeding, diet and habitat preferences of *Phascogale calura* (Gould, 1844) (Marsupialia: Dasyuridae) in the southern wheatbelt, Western Australia. *Records of the Western Australian Museum* 9: 173–86.
- Kitchener, D.J., Cooper, N. & Bradley, A. (1986) Reproduction in the male *Ningaui* (Marsupialia: Dasyuridae). *Australian Wildlife Research* 13: 13–25.
- Krajewski, C., Woolley, P.A. & Westerman, M. (2000) The evolution of reproductive strategies in dasyurid marsupials: implications of molecular phylogeny. *Biological Journal of the Linnean Society* 71: 417–35.
- Lambert, C. (2000) Animal Management Guidelines for Dibbler (*Parantechinus apicalis*). Perth Zoo, Western Australia.

- Lazenby-Cohen, K.A. (1991) Communal nesting in *Antechinus stuartii* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 39: 273–83.
- Lee, A.K., Bradley, A.J. & Braithwaite, R.W. (1977) Corticosteroid levels and male mortality in *Antechinus stuartii*. In B. Stonehouse & D. Gilmore (Eds) *The Biology of Marsupials*. Macmillan, London, pp. 209–20.
- Lee, A.K., Woolley, P. & Braithwaite, R.W. (1982) Life history strategies of dasyurid marsupials. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 1–11.
- Lee, A.K. & Cockburn, A. (1985) *The Evolutionary Ecology of Marsupials*. Cambridge University Press, Cambridge.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Le Souef, W.H.D. (1907) *Wild Life in Australia*. Whitcombe and Tombs, Melbourne.
- LeSouef, A.S., & Burrell, H. (1926) *The Wild Animals of Australasia*. George G. Harrap, London.
- Leung, L.K.P. (1999) Ecology of Australian tropical rainforest mammals. I. The Cape York antechinus, *Antechinus leo* (Dasyuridae: Marsupialia). *Wildlife Research* 26: 287–306.
- Lindner, E. & Fuelling, O. (2002) Marking methods in small mammals: ear-tattoo as an alternative to toe-clipping. *Journal of Zoology* (London) 256: 159–63.
- Lunney, D. & Ashby, E. (1987) Population changes in *Sminthopsis leucopus* (Gray) (Marsupialia: Dasyuridae), and other small mammal species in forest regenerating from logging and fire near Bega, New south Wales. *Australian Wildlife Research* 14: 275–84.
- Lunney, D. (1995) White-footed dunnart *Sminthopsis leucopus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 143–45.
- Lydekker, R. (1894) *A Handbook of the Marsupialia and Monotremata*. W.H. Allen & Co., London.
- McAllan, B.M. & Dickman, C.R. (1986) The role of photoperiod in the timing of reproduction in the dasyurid marsupial *Antechinus stuartii*. *Oecologia* 68: 259–64.
- McAllan, B.M., Joss, J.M. & Firth, B.T. (1991) Phase delay of the natural photoperiod alters reproductive timing in the marsupial *Antechinus stuartii*. *Journal of Zoology* (London) 225: 633–46.
- McAllan, B.M., Dickman, C.R. & Crowther, M.S. (1999) Photoperiod is a predictor of the timing of mating in the marsupial genus *Antechinus*. *Australian Mammal Society Newsletter*. Abstract.
- McDonald, I.R., Lee, A.K., Bradley, A.J. & Than, K.A. (1981) Endocrine changes in dasyurid marsupials with differing mortality patterns. *General and Comparative Endocrinology* 44: 292–301.
- Mack, G. (1961) Mammals of south-western Queensland. *Memoirs of the Queensland Museum* 13: 213–29.
- Mahoney, J.A. & Ride, W.D.L. (1988a) Thylacinidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 11–13.
- Mahoney, J.A. & Ride, W.D.L. (1988b) Dasyuridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 14–33.
- Markus, N. (1996) Methodology of enrichment and applications on Tasmanian devils. *Thylacinus* 21(3): 3–8.
- Marlow, B.J. (1961) Reproductive behaviour in the marsupial mouse, *Antechinus flavipes* (Waterhouse) (Marsupialia) and the development of the pouch young. *Australian Journal of Zoology* 9: 203–18.
- Martin, P.G. (1965) The potentialities of the fat-tailed marsupial mouse, *Sminthopsis crassicaudata* (Gould) as a laboratory animal. *Australian Journal of Zoology* 13: 559–62.
- Martin, R.D., Rivers, J.P.W. & Cowgill, U.M. (1976) Culturing mealworms as food for animals in captivity. *International Zoo Yearbook* 16: 63–70.
- Masters, P. (1998) The Mulgara *Dasyercus cristicauda* (Marsupialia: Dasyuridae) at Uluru. *Australian Mammalogy* 20: 403–7.
- Maxwell, S., Burbidge, A.A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. Wildlife Australia, Canberra.
- Meissner, K. & Ganslosser, U. (1985) Development of young in the kowari, *Dasyuroides byrnei* Spencer, 1896. *Zoo Biology* 4: 351–59.
- Merchant, J.C., Newgrain, K. & Green, B. (1984) Growth of the eastern quoll *Dasyurus viverrinus* (Shaw), (Marsupialia) in captivity. *Australian Wildlife Research* 11: 21–9.
- Michener, G.R. (1969) Notes on the breeding and young of the crest-tailed marsupial mouse, *Dasyercus cristicauda*. *Journal of Mammalogy* 50: 633–35.
- Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. (2000) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from captive mainland Australian eastern barred bandicoot (*Perameles gunnii*). *Journal of Wildlife Diseases* 36: 213–18.
- Millis, A.L. (1995) Reproductive and genetic studies of the brush-tailed phascogale, *Phascogale tapoatafa* (Marsupialia: Dasyuridae). BSc Hons Thesis. Monash University, Clayton.
- Millis, A.L., Taggart, D.A., Bradley, A.J., Phelan, J. & Temple-Smith, P.D. (1999) Reproductive biology of the brush-tailed phascogale, *Phascogale tapoatafa* (Marsupialia: Dasyuridae). *Journal of Zoology* (London): 248: 325–35.
- Millis, A.L. & Bradley, A.J. (2001) Reproduction in the squirrel glider, *Petaurus norfolcensis* (Petauridae) in south-east Queensland. *Australian Journal of Zoology* 49: 139–54.
- Mills, H. & Bencini, R. (2000) New evidence for facultative male die-off in island populations of dibblers, *Parantechinus apicalis*. *Australian Journal of Zoology* 48: 501–10.
- Mills, H., German, R.Z., Lambert, C. & Bradley, M.P. (2000) Growth and sexual dimorphism in the dibbler,

- Parantechinus apicalis* (Marsupialia, Dasyuridae). *Australian Mammalogy* 21: 239–43.
- Mitchell, P.C. (1911) On longevity and relative viability in mammals and birds; with a note on the theory of longevity. *Proceedings of the Zoological Society of London* 1911: 425–548.
- Moeller, H. (1968) Zur Frage der Parallelerscheinungen bei Mettheria und Eutheria. Vergleichende Untersuchungen an Beutelwolf und Wolf. *Zeitschrift für Wissenschaftliche Zoologie* 177: 283–392.
- Morrison, R.G.B. (1975) Emergence of the pygmy Antechinus. *Australian Natural History* 18: 164–67.
- Morton, S.R. (1978a) An ecological study of *Sminthopsis crassicaudata* (Marsupialia: Dasyuridae). III. Reproduction and life history. *Australian Wildlife Research* 5: 183–211.
- Morton, S.R. (1978b) An ecological study of *Sminthopsis crassicaudata* (Marsupialia: Dasyuridae). II. Behaviour and social organisation. *Australian Wildlife Research* 5: 163–82.
- Morton, S.R. (1978c) Torpor and nest-sharing in free-living *Sminthopsis crassicaudata* (Marsupialia) and *Mus musculus* (Rodentia). *Journal of Mammalogy* 59: 569–75.
- Morton, S.R. (1980) Ecological correlates of caudal fat storage in small mammals. *Australian Mammalogy* 3: 81–86.
- Morton, S.R., Armstrong, M.D. & Braithwaite, R.W. (1987) The breeding season of *Sminthopsis virginiae* (Marsupialia: Dasyuridae) in the Northern Territory. *Australian Mammalogy* 10: 41–42.
- Morton, S.R., Dickman, C.R. & Fletcher, T.P. (1989) Dasyuridae. In Walton, D.W. (Ed.) *Fauna of Australia. Vol. 1B. Mammalia*. Australian Government Publishing Service, Canberra, pp. 560–82.
- Moss, G.L. & Croft, D.B. (1988) Behavioural mechanisms of microhabitat selection and competition among three species of arid zone dasyurid marsupials. *Australian Journal of Ecology* 13: 485–93.
- Nagy, K.A., Seymour, R.S., Lee, A.K. & Braithwaite, R. (1979) Energy and water budgets in free-living *Antechinus stuartii* (Marsupialia: Dasyuridae). *Journal of Mammalogy* 59: 60–68.
- Nelson, J.E. (1992) Developmental staging in a marsupial, *Dasyurus hallucatus*. *Anatomy and Embryology* 185: 335–54.
- Nelson, J.E. & Smith, G. (1971) Notes on the growth rates in native cats of the family Dasyuridae. *International Zoo Yearbook* 11: 38–41.
- Nutting, W. & Woolley, P. (1965) Pathology in *Antechinus stuartii* (Marsupialia) due to *Demodex* sp. *Parasitology* 55: 383–89.
- Oakwood, M. (1997) The ecology of the northern quoll *Dasyurus hallucatus*. PhD Thesis. Australian National University, Canberra.
- Oakwood, M. & Spratt, D.M. (2000) Parasites of the northern quoll, *Dasyurus hallucatus* (Marsupialia: Dasyuridae) in tropical savanna, Northern Territory. *Australian Journal of Zoology* 48: 79–90.
- Oakwood, M. (2002) Spatial and social organisation of the carnivorous marsupial *Dasyurus hallucatus* (Marsupialia: Dasyuridae). *Journal of Zoology* (London) 257: 237–48.
- Obendorf, D.L. (1993) Diseases of dasyurid marsupials. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 39–46.
- Oglesby, R. (1978) Notes on breeding the Tasmanian devil in captivity. *Thylacinus* 3(1–4): 17–20.
- O'Reilly, H.M., Armstrong, S.M. & Coleman, G.J. (1984) Response to variations in lighting schedules on the circadian activity rhythms of *Sminthopsis macroura froggatti* (Marsupialia: Dasyuridae). *Australian Mammalogy* 7: 89–99.
- Paddle, R. (2000) *The Last Tasmanian Tiger: The History and Extinction of the Thylacine*. Cambridge University Press, Cambridge.
- Pemberton, D. (1990) Social organisation and behaviour of the Tasmanian devil, *Sarcophilus harrisii*. PhD Thesis. Zoology Department, University of Tasmania, Hobart.
- Pemberton, D. & Renouf, D. (1993) A field study of communication and social behaviour of the Tasmanian devil at feeding sites. *Australian Journal of Zoology* 41: 507–26.
- Phillips, B.T. & Jackson, S.M. (2003) Growth and development of the Tasmanian devil *Sarcophilus harrisii* at Healesville Sanctuary. *Zoo Biology* 22: in press.
- Read, D.G., Fox, B.J. & Whitford, D. (1983) Notes on breeding in *Sminthopsis* (Marsupialia: Dasyuridae). *Australian Mammalogy* 6: 89–92.
- Read, D.G. (1984a) Reproduction and breeding season of *Planigale gilesi* and *P. tenuirostris* (Marsupialia: Dasyuridae). *Australian Mammalogy* 7: 161–73.
- Read, D.G. (1984b) Movements and home ranges of three sympatric dasyurids, *Sminthopsis crassicaudata*, *Planigale gilesi* and *P. tenuirostris* (Marsupialia), in semi-arid western New South Wales. *Australian Wildlife Research* 11: 223–34.
- Read, D.G. (1985) Development and growth of *Planigale tenuirostris* (Marsupialia: Dasyuridae) in the laboratory. *Australian Mammalogy* 8: 69–78.
- Read, D.G. (1987) A comparison of growth rates in dependent juveniles of *Planigale gilesi* and *P. tenuirostris* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 35: 161–71.
- Reece, R. & Hartley, B. (1994) The pathology registry and some interesting cases. In D.I. Bryden (Ed.) *Wildlife. Proceedings 233*. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 217–33.
- Rigby, R.G. (1972) A study of the behaviour of caged *Antechinus stuartii*. *Zeitschrift für Tierpsychologie* 31: 15–25.
- Righetti, J., Fox, B.J. & Croft, D.B. (2000) Behavioural mechanisms of competition in small dasyurid marsupials. *Australian Journal of Zoology* 48: 561–76.

- Roberts, M.G. (1915) The keeping and breeding of Tasmanian devils (*Sarcophilus harrisii*). *Proceedings of the Zoological Society of London* 1915: 575–81.
- Roberts, M. & Kohn, F. (1991) A technique for obtaining early life history data in pouched marsupials. *Zoo Biology* 10: 81–86.
- Salamon, M. & Klettenheimer, B. (1994) A new technique for marking and later recognising small mammals in the field. *Journal of Zoology* (London) 233: 314–17.
- Schaap, D. (2002) Enriching the devil: The Tasmanian devil. *The Shape of Enrichment* 11(1): 1–4.
- Scott, M.P. (1986) The timing and synchrony of seasonal breeding in the marsupial, *Antechinus stuartii*: interaction of environmental and social cues. *Journal of Mammalogy* 67: 551–60.
- Selwood, L. (1982a) Brown antechinus *Antechinus stuartii*: management of breeding colonies to obtain embryonic material and pouch young. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 31–37.
- Selwood, L. (1982b) A review of maturation and fertilisation in marsupials with special reference to the dasyurid: *Antechinus stuartii*. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of NSW, Sydney, pp. 65–76.
- Selwood, L. (1983) Factors influencing pre-natal fertility in the brown marsupial mouse, *Antechinus stuartii*. *Journal of Reproduction and Fertility* 68: 317–24.
- Selwood, L. (1985) Synchronisation of oestrous, ovulation and birth in female *Antechinus stuartii* (Marsupialia: Dasyuridae). *Australian Mammalogy* 8: 91–96.
- Serena, M. & Soderquist, T.R. (1988) Growth and development of captive and wild pouch young of *Dasyurus geoffroii* (Dasyuridae: Marsupialia). *Australian Journal of Zoology* 36: 533–43.
- Serena, M. & Soderquist, T.R. (1989) Spatial organisation of a riparian population of the carnivorous marsupial *Dasyurus geoffroii*. *Journal of Zoology* (London) 219: 273–83.
- Settle, G.A. (1978) The quiddity of tiger quolls. *Australian Natural History* 19: 164–69.
- Shimmin, G.A., Jones, M., Taggart, D.A. & Temple-Smith, P.D. (1999) Sperm transport and storage in the agile antechinus (*Antechinus agilis*). *Biology of Reproduction* 60: 1353–59.
- Shimmin, G.A., Taggart, D.A. & Temple-Smith, P.D. (2000) Sperm competition and genetic diversity in the agile antechinus (Dasyuridae: *Antechinus agilis*). *Journal of Zoology* (London) 252: 343–50.
- Slater, G. (1993) Husbandry strategies for the Tasmanian devil and brush-tailed phascogale at the Healesville Sanctuary. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 73–78.
- Smith, G. (no date) Milk diets for native animals. Unpublished notes.
- Smith, G.C. (1984) The biology of the yellow-footed antechinus, *Antechinus flavipes* (Marsupialia: Dasyuridae), in a swamp forest on Kinaba Island, Cooloola, Queensland. *Australian Wildlife Research* 11: 465–80.
- Smith, H. (1993) Breeding of Tasmanian devils (*Sarcophilus harrisii*) at Adelaide Zoo. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group, pp. 85–90.
- Smith, M.J., Bennett, J.H. & Chesson, C.M. (1978) Photoperiodic and some other factors affecting reproduction in female *Sminthopsis crassicaudata* (Gould) (Marsupialia: Dasyuridae) in captivity. *Australian Journal of Zoology* 26: 449–63.
- Smith, M.J. (1982) Review of the thylacine (Marsupialia: Thylacinidae). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 237–53.
- Smith, M.J. & Godfrey, G.K. (1970) Ovulation induced by gonadotrophins in the marsupial, *Sminthopsis crassicaudata* (Gould). *Journal of Reproduction and Fertility* 22: 41–47.
- Smith, M.J., Bennett, J.H. & Chesson, C.M. (1978) Photoperiod and some other factors affecting reproduction in female *Sminthopsis crassicaudata* (Gould) (Marsupialia: Dasyuridae) in captivity. *Australian Journal of Zoology* 26: 449–63.
- Smith, S. (1981) *The Tasmanian Tiger – 1980*. A report on an investigation of the current status of Thylacine *Thylacinus cynocephalus*, National Parks & Wildlife Service, Hobart.
- Soderquist, T.R. & Serena, M. (1990) Occurrence and outcome of polyoestry in wild western quolls *Dasyurus geoffroii* (Marsupialia: Dasyuridae). *Australian Mammalogy* 13: 205–8.
- Soderquist, T.R. (1993) Maternal strategies of *Phascogale tapoatafa* (Marsupialia: Dasyuridae). I. Breeding seasonality and maternal investment. *Australian Journal of Zoology* 41: 549–66.
- Soderquist, T.R. & Ealey, L. (1994) Social interactions and mating strategies of a solitary carnivorous marsupial, *Phascogale tapoatafa*, in the wild. *Wildlife Research* 21: 527–42.
- Soderquist, T.R. (1995) Spatial organisation of the arboreal carnivorous marsupial *Phascogale tapoatafa*. *Journal of Zoology* (London) 237: 385–98.
- Sorensen, M.W. (1970) Observations on the behaviour of *Dasyercus cristicauda* and *Dasyuroides byrnei* in captivity. *Journal of Mammalogy* 51: 123–30.
- Spencer, P.B.S. (1996) Coping with a naturally fragmented environment: a genetic and ecological study of the allied rock wallaby, *Petrogale assimilis*. PhD Thesis. James Cook University, Townsville.
- Spencer, W.B. (1896) Mammalia. In W.B. Spencer (Ed.) *Report on the Horn Expedition to Central Australia. Part 2. Zoology*. Dulau, London, pp. 1–52.

- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Stirling, E.C. (1891) Further notes on the habits and anatomy of *Notoryctes typhlops*. *Transactions of the Royal Society of South Australia* 14: 283–91.
- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Taggart, D.A. & Temple-Smith, P.D. (1991) Transport and storage of spermatozoa in the female reproductive tract of the brown marsupial mouse, *Antechinus stuartii* (Dasyuridae). *Journal of Reproduction and Fertility* 93: 97–110.
- Taggart, D.A., Selwood, L. & Temple-smith, P.D. (1997) Sperm production, storage, and the synchronization of male and female reproductive cycles in the iteroparous, strip-faced dunnart (*Sminthopsis macroura*; Marsupialia): relationships to reproductive strategies within the Dasyuridae. *Journal of Zoology* (London) 243: 725–36.
- Taggart, D.A., Breed, W.G., Temple-Smith, P.D., Purvis, A. & Shimmin, G. (1998) Reproduction, mating strategies and sperm competition in marsupials and monotremes. In T.R. Birkhead & A.P. Moller (Eds) *Sperm Competition and Sexual Selection*. Academic Press, London, pp. 623–65.
- Taggart, D.A., Shimmin, G.A., McCloud, P. & Temple-smith, P.D. (1999) Timing of mating, sperm dynamics, and ovulation in a wild population of agile antechinus (Marsupialia: Dasyuridae). *Biology of Reproduction* 60: 283–289.
- Taggart, D.A., Shimmin, G.A., Dickman, C.R. & Breed, W.G. (2003) Reproductive biology of carnivorous marsupials: Clues to the likelihood of sperm competition. In M.E. Jones, C.R. Dickman & M. Archer (Eds) *Predators With Pouches: The Biology of Carnivorous Marsupials*. CSIRO Publishing, Melbourne, pp. 358–75.
- Taplin, L.E. (1980) Some observations on the reproductive biology of *Sminthopsis virginiae* (Tarragon) (Marsupialia: Dasyuridae). *Australian Zoologist* 20: 407–18.
- Taylor, J.M., Calaby, J.H. & Redhead, T.D. (1982) Breeding in wild populations of the marsupial-mouse *Planigale maculata sinualis* (Dasyuridae, Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 83–87.
- Troughton, E. le G. (1973) *Furred Animals of Australia*. 9th Edn. Angus and Robertson, Sydney.
- Turner, K. (1970) Breeding Tasmanian devils *Sarcophilus harrisii* at Westbury Zoo. *International Zoo Yearbook* 10: 65.
- Tyndale-Biscoe, H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Van Dyck, S. (1979) Behaviours in captive individuals of the dasyurid marsupial *Planigale maculata* (Gould 1851). *Memoirs of the Queensland Museum* 19: 413–31.
- Van Dyck, S. (1980) The cinnamon antechinus, *Antechinus leo* (Marsupialia: Dasyuridae), a new species from the vine forests of Cape York Peninsula. *Australian Mammalogy* 3: 5–17.
- Van Dyck, S. (1982) The status and relationships of the Atherton antechinus, *Antechinus godmani* (Marsupialia: Dasyuridae). *Australian Mammalogy* 5: 195–210.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Wainer, J.W. (1976) Studies of an island population of *Antechinus minimus* (Marsupialia: Dasyuridae). *Australian Zoologist* 19: 1–7.
- Wakefield, N.A. & Warneke, R.M. (1963) Some revision in *Antechinus* (Marsupialia). *Victorian Naturalist* 80: 194–219.
- Wallach, J.D. (1972) The management and medical care of mealworms. *Journal of Zoo and Animal Medicine* 3: 29–33.
- Wallis, R.L. (1982) Adaptations to low environmental temperatures in the carnivorous marsupials. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 285–90.
- Walton, D.W. (1988) Notoryctidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 46–47.
- Watt, A. (1997) Population ecology and reproductive seasonality in three species of *Antechinus* (Marsupialia: Dasyuridae) in the wet tropics of Queensland. *Wildlife Research* 24: 531–47.
- Whitford, D., Fanning, F.D. & White, A.W. (1982) Some information on reproduction growth and development in *Planigale gilesi* (Dasyuridae, Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 77–81.
- Williams, R. & Williams, A. (1982) The life cycle of *Antechinus swainsonii* (Dasyuridae, Marsupialia). In M. Archer (Ed.) *Carnivorous Marsupials*. Zoological Society of NSW, Sydney, pp. 89–95.
- Williams, R. (1990) Carnivorous marsupials. In Hand, S.J. (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 67–73.
- Wilson, B.A. & Bourne, A.R. (1984) Reproduction in the male dasyurid *Antechinus minimus maritimus* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 32: 311–18.
- Wilson, B.A. (1986) Reproduction in the female dasyurid *Antechinus minimus maritimus* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 34: 189–97.
- Winkler, K. & Humphery-Smith, I. (1988) Diet of the marsupial mole, *Notoryctes typhlops* (Stirling 1889) (Marsupialia: Notoryctidae). *Australian Mammalogy* 11: 159–61.

- Withers, P.C., Thompson, G.G. & Seymour, R.S. (2000) Metabolic physiology of the north-western marsupial mole, *Notoryctes caurinus* (Marsupialia: Notoryctidae). *Australian Journal of Zoology* 48: 241–58.
- Wood, D.H. (1970) An ecological study of *Antechinus stuartii* (Marsupialia) in south-east Queensland rain forest. *Australian Journal of Zoology* 18: 185–207.
- Wood, M.D. & Slade, N.A. (1990) Comparison of ear-tagging and toe-clipping in prairie voles, *Microtus ochrogaster*. *Journal of Mammalogy* 71: 252–55.
- Woolley, P. (1966) Reproduction in *Antechinus* sp. and other dasyurid marsupials. In I.W. Rowlands (Ed.) *Comparative Biology of Reproduction in Mammals*. Academic Press, New York, pp. 281–94.
- Woolley, P. (1971a) Maintenance and breeding of laboratory colonies: *Dasyuroides byrnei* and *Dasyercus cristicauda*. *International Zoo Yearbook* 11: 351–54.
- Woolley, P. (1971b) Observations on the reproductive biology of the dibbler, *Antechinus apicalis* (Marsupialia: Dasyuridae). *Journal of the Royal Society of Western Australia* 54: 99–102.
- Woolley, P. (1973) Breeding patterns, and the breeding and laboratory maintenance of dasyurid marsupials. *Experimental Animals* 22: Supplement 161–72.
- Woolley, P. (1974) The pouch of *Planigale subtilissima* and other dasyurid marsupials. *Journal of the Royal Society of Western Australia* 57: 11–15.
- Woolley, P. (1981) *Antechinus bellus*, another dasyurid marsupial with post-mating mortality of males. *Journal of Mammalogy* 62: 381–82.
- Woolley, P.A. (1982) Laboratory maintenance of dasyurid marsupials. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 13–21.
- Woolley, P.A. & Ahern, L.D. (1983) Observations on the ecology and reproduction of *Sminthopsis leucopus* (Marsupialia: Dasyuridae). *Proceedings of the Royal Society of Victoria* 95: 169–80.
- Woolley, P.A. (1984) Reproduction in *Antechinomys laniger* ('spenceri' form) (Marsupialia: Dasyuridae): field and laboratory investigations. *Australian Wildlife Research* 11: 481–89.
- Woolley, P.A. & Watson, M.R. (1984) Observations on a captive outdoor breeding colony of a small dasyurid marsupial, *Sminthopsis crassicaudata*. *Australian Wildlife Research* 11: 249–54.
- Woolley, P.A. & Valente, A. (1986) Reproduction in *Sminthopsis longicaudata* (Marsupialia: Dasyuridae): laboratory observations. *Australian Wildlife Research* 13: 7–12.
- Woolley, P.A. (1988) Reproduction in the ningbing antechinus (Marsupialia: Dasyuridae): field and laboratory observations. *Australian Wildlife Research* 15: 149–56.
- Woolley, P.A. (1989) Nest location by spool-and-line tracking of dasyurid marsupials in New Guinea. *Journal of Zoology* (London) 218: 689–700.
- Woolley, P.A. (1990a) Mulgaras, *Dasyercus cristicauda* (Marsupialia: Dasyuridae); their burrows and attempts to collect live animals between 1966 and 1979. *Australian Mammalogy* 13: 61–64.
- Woolley, P.A. (1990b) Reproduction in *Sminthopsis macroura* (Marsupialia: Dasyuridae). I. The female. *Australian Journal of Zoology* 38: 187–205.
- Woolley, P.A. & Gilfillan, S.L. (1990) Confirmation of polyoestry in captive white-footed dunnarts, *Sminthopsis leucopus* (Marsupialia: Dasyuridae). *Australian Mammalogy* 14: 137–38.
- Woolley, P.A. (1991a) Reproduction in *Dasykaluta rosamondae* (Marsupialia: Dasyuridae): field and laboratory observations. *Australian Journal of Zoology* 39: 549–68.
- Woolley, P.A. (1991b) Reproduction in *Pseudantechinus macdonnellensis* (Marsupialia: Dasyuridae): field and laboratory observations. *Wildlife Research* 18: 13–25.
- Woolley, P.A. (1993) Collection and laboratory maintenance of New Guinean Dasyurid Marsupials, pp. 91–97. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (eds) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and AAZPA Monotreme and Marsupial Advisory Group.
- Woolley, P.A. (1995) Observations on reproduction in captivity of *Parantechinus bilarni* (Marsupialia: Dasyuridae). *Australian Mammalogy* 18: 83–85.
- Woolley, P.A., Beckman, J.L. & Coleman, M.E. (1998) Rearing of foster young by the Julia Creek dunnart. Abstract. Australian Mammal Society Annual Conference.
- Woolnough, A. & Carthew, S. (1996) Selection of prey by size in *Ningaui yvonneae*. *Australian Journal of Zoology* 44: 319–26.
- Zwart, P. & Rulkens, R.J. (1979) Improving the calcium content of mealworms. *International Zoo Yearbook* 19: 254–55.

## Chapter 4 – Numbats

- Anon (1969) Census of rare animals living in zoos and other institutions in 1968. *International Zoo Yearbook* 9: 274–306.
- Anon (1979) Census of rare animals living in zoos and other institutions in 1978. *International Zoo Yearbook* 19: 384–423.
- Barlow, S. (1998) Notes on the assisted rearing of three juvenile *Myrmecobius fasciatus* at Perth Zoo. *Thylacinus* 22: 47–52.
- Calaby, J. H. & Gay, F.J. (1956) The distribution and biology of the genus *Coptotermes* (Isoptera) in Western Australia. *Australian Journal of Zoology* 4(1): 19–39.
- Calaby, J.H. (1960) Observations on the banded anteater *Myrmecobius fasciatus* Waterhouse (Marsupialia), with particular reference to its food habits. *Proceedings of the Zoological Society of London* 135: 183–207.
- Christensen, P. (1975) The breeding burrow of the banded ant-eater or the numbat (*Myrmecobius fasciatus*). *Western Australian Naturalist* 13: 32–34.

- Christensen, P., Maisey, K. & Perry, D.H. (1984) Radiotracking the numbat, *Myrmecobius fasciatus*, in the Perup Forest of Western Australia. *Australian Wildlife Research* 11: 275–88.
- Close, R.L. (1983) Detection of oestrous in the kowari *Dasyuroides byrnei* (Marsupialia: Dasyuridae). *Australian Mammalogy* 6: 41–43.
- Eutick, M.L. (1983) Collecting and maintaining termites of the Sydney region. In K.C. Parson (Ed.) *Apicultural Review*. Avicultural Society of N.S.W, pp. 1–12.
- Fleay, D. (1942) The numbat in Victoria. *Victorian Naturalist* 59: 3–7.
- Finlayson, H.H. (1933) On the Eremian representative of *Myrmecobius fasciatus* (Waterhouse). *Transactions of the Royal Society of South Australia* 57: 203–5.
- Friend, J.A. & Burrows, R.G. (1983) Bringing up young numbats. *Swans* 13(1): 3–9.
- Friend, J.A. & Whitford, D. (1988) Captive breeding of the numbat *Myrmecobius fasciatus*. Unpublished report to the WWF Australia and the Department of Conservation and Land Management, Western Australia.
- Friend, J.A. (1989) Myrmecobiidae. In D.W. Walton & B.J. Richardson (eds) *Fauna of Australia. Mammalia. Vol 1B*. Canberra. Australian Government Publishing Service, Pp. 583–90.
- Friend, J.A. & Whitford, D. (1993) Maintenance and breeding of the numbat (*Myrmecobius fasciatus*) in captivity. In M. Roberts, J. Carnio, G. Crawshaw & M. Hutchins (Eds) *Biology and Maintenance of Australasian Carnivorous Marsupials*. Metro Toronto Zoo and AAZPA, Ontario, Canada, pp. 103–24.
- Friend, J.A. (1995) Numbats *Myrmecobius fasciatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 160–62.
- Friend, J.A. (1997) *Annual Report*. Numbat Recovery Team. Conservation And Land Management, Perth.
- Friend, T. (1988) Saving the numbat. *Wildlife Australia* Spring/Summer: 18–20.
- Friend, T. (1998) Numbats on a junk food diet. *Nature Australia* Winter 40–49.
- Gay, F.J., Greaves, T., Holdaway, F.G. & Wetherley, A.H. (1955) Standard laboratory colonies of termites for evaluating the resistance of timber, timber preservatives, and other materials to termite attack. *CSIRO Bulletin* 277: 1–60.
- Geiser, F. (1994) Hibernation and daily torpor in marsupials: a review. *Australian Journal of Zoology* 42: 1–16.
- Green, B. & Merchant, J.C. (1988) The Composition of Marsupial Milk. In C.H. Tyndale-Biscoe & P.A. Janssens (Eds). *The Developing Marsupial*. Springer-Verlag, London, pp. 41–54.
- Griffiths, M., Friend, J.A., Whitford, D. & Fogerty, A.C. (1988) Composition of the milk of the numbat, *Myrmecobius fasciatus* (Marsupialia: Myrmecobiidae), with particular reference to the fatty acids of the lips. *Australian Mammalogy* 11: 59–62.
- Hadlington, P. (1987) *Termites and Other Common Timber Pests*. University of New South Wales Press, Sydney.
- Haigh, S.A. & Friend, J.A. (1999) Veterinary aspects of several threatened Western Australian mammal species. *AAVCB Newsletter* 16.
- Hume, D. (1987) The numbat as a zoological exhibit. *Thylacinus* 12(1): 4–6.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jones, F. (1923) *Mammals of South Australia*. Government Printer, Adelaide.
- Maxwell, S., Burbidge, A.A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. Wildlife Australia, Canberra.
- Purse, B. (1972) The numbat: Taronga's special trust. *Koolewong* June 11–12.
- Smales, L.R. (1997) *Multisentis myrmecobius*, Gen. et. Sp. Nov (Acanthocephala: Oligacanthorhynchidae), from the numbat, *Myrmecobius fasciatus*, and a key to genera of the Oligacanthorhynchidae. *Invertebrate Taxonomy* 11: 301–7.
- Strahan, R. (1978) Status and husbandry of Australian monotremes and marsupials. In R.D. Martin (Ed.) *Breeding Endangered Species in Captivity*. Academic Press, London, pp. 171–82.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Tate, G.H.H. (1951) The Banded Anteater, *Myrmecobius fasciatus* Waterhouse (Marsupialia). *American Museum Novitates* 1521: 1–8.
- Tyndale-Biscoe, C.H. & Janssens, P.A. (1988) Introduction. In C.H. Tyndale-Biscoe & P.A. Janssens (eds.). *The Developing Marsupial*. Springer-Verlag, London. pp 1–7.
- Vogelnest, L. (1999) Chemical restraint of Australian native fauna. In D.I. Bryden (ed.) *Wildlife in Australia: Healthcare and Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–81.
- Waterhouse, G.R. (1836) Description of a new genus (*Myrmecobius*) of mammiferous animals from New Holland, probably belonging to the marsupial type. *Proceedings of the Zoological Society of London* 1836: 69–70.
- Watson, J.A.L. & Abbey, H.M. (1985) Seasonal cycles of the *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). *Caste Developmental Sociobiology* 10(1): 73–92.

## Chapter 5 – Bandicoots

- Aslin, H.J. (1982) Notes on captive rabbit bandicoots (*Macrotis lagotis*). *Western Australian Naturalist* 15: 67–71.
- Attard, S.M. & McKillup, S.C. (1998) Reproduction and growth of the bandicoot *Isodon macrourus* at four sites in Rockhampton, Queensland. *Australian Mammalogy* 20: 411–14.

- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bach, C. (1998) *Birth Date Determination in Australasian Marsupials*. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Barnes, A. & Gemmell, R.T. (1984) Correlation between breeding activity in the marsupial bandicoots and some environmental variables. *Australian Journal of Zoology* 32: 219–26.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–67.
- Bettli, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. (2000a) Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 141–44.
- Bettli, S.S., Obendorf, D.L., Nowarkowski, M., Milstein, T. & Goldsmid, J.M. (2000b) Earthworms as paratenic hosts of toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 145–48.
- Booth, R. (1994) Medicine and husbandry: monotremes, wombats and bandicoots. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee of Veterinary Science. University of Sydney, Sydney, pp. 395–421.
- Booth, R. (1999) 'Macropods: Hand raising, husbandry, diseases and rehabilitation'. *Wildlife Veterinary Notes*.
- Claridge, A.W. (1993) Fungal diet of the long-nosed bandicoot (*Perameles nasuta*) in south-eastern Australia. *Victorian Naturalist* 110: 86–91.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Close, R.L. (1977) Recurrence of breeding after cessation of suckling in the marsupial *Perameles nasuta*. *Australian Journal of Zoology* 25: 641–45.
- Collins, L.R. (1973) *Monotremes and Marsupials*. Smithsonian Institution Press, Washington.
- Copley, P.B., Read, V.T., Robinson, A.C. & Watts, C.H.S. (1990) Preliminary studies of the Nuyts Archipelago bandicoot *Isodon obesulus nauticus* on the Franklin Islands, South Australia. In J.H. Seebeck, R.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 345–56.
- Coulson, G. (1990) Applied behaviour: Its role in conservation biology of the eastern barred bandicoot. In T.W. Clark & J.H. Seebeck (Eds) *Management and Conservation of Small Populations*. Chicago Zoological Society, Brookfield, Illinois, pp. 77–88.
- Desmonts, G. & Remington, J.S. (1980) Direct agglutination test for diagnosis of Toxoplasmosis infection: Method for increasing sensitivity and specificity. *Journal of Clinical Microbiology* 11: 562–68.
- Dixon, J.M. (1988) Notes on the diet of three mammals presumed to be extinct: the pig footed bandicoot, the lesser bilby and the desert rat kangaroo. *Victorian Naturalist* 105: 208–10.
- Duffy, A.C. (1991) Some population characteristics of *Perameles gunnii* in Victoria. *Wildlife Research* 18: 355–66.
- Duffy, A.C. (1994a) Field observations of the behaviour of free-ranging eastern barred bandicoot *Perameles gunnii*, at Hamilton, Victoria. *Victorian Naturalist* 111: 54–59.
- Duffy, A.C. (1994b) Population demography of the eastern barred bandicoot (*Perameles gunnii*) at Hamilton, Victoria. *Wildlife Research* 21: 445–57.
- Duffy, A.C. (1995) The growth and development of the eastern barred bandicoot *Perameles gunnii* in Victoria. *Victorian Naturalist* 112: 79–85.
- Flannery, T.F. (1995a) *Mammals of New Guinea*. Reed Books, Sydney.
- Flannery, T.F. (1995b) *Mammals of the South-West Pacific & Moluccan Islands*. Reed Books, Sydney.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- Friend, G.R. (1990) Breeding and population dynamics of *Isodon macrourus* (Marsupialia: Peramelidae): studies from the wet-dry tropic of northern Australia. In J.H. Seebeck, R.R. Brown, R.L. Wallis & C.M. Kemper (eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney. Pp 357–65.
- Gamble, J. & Blyde, D. (1992) Artificial milk diets as a supplement for aged and infirmed marsupials. *International Zoo Yearbook* 31: 90–92.
- Garling, D. (1982) Activity and relationships in the short-nosed bandicoots at Taronga Zoo. *Thylacinus* December 8–18.
- Gemmell, R.T. (1982) Breeding bandicoots in Brisbane (*Isodon macrourus*; Marsupialia, Peramelidae). *Australian Mammalogy* 5: 187–93.
- Gemmell, R.T., Johnston, G. & Barnes, A. (1984a) The uniformity of growth within the litter of the marsupial *Isodon macrourus*. *Growth* 48: 221–33.
- Gemmell, R.T., Walker, M.T., Johnston, G. & Cepon, G. (1984b) The number of young present in sequential litters of the marsupial bandicoot, *Isodon macrourus*, in captivity. *Australian Journal of Zoology* 32: 623–29.
- Gemmell, R.T. (1986) Sexual maturity in the female bandicoot, *Isodon macrourus* (Gould) in captivity. *Australian Journal of Zoology* 34: 199–204.
- Gemmell, R.T. (1987) Sexual maturity in the male bandicoot *Isodon macrourus*. *Australian Journal of Zoology* 35: 433–41.
- Gemmell, R.T. (1988a) A composite litter of young in the pouch of the bandicoot, *Isodon macrourus* (Marsupialia: Peramelidae). *Australian Mammalogy* 11: 157–58.
- Gemmell, R.T. (1988b) The oestrous cycle length of the bandicoot *Isodon macrourus*. *Australian Wildlife Research* 15: 633–35.

- Gemmell, R.T. (1989a) Breeding season and litter size of the bandicoots *Isodon macrourus* (Marsupialia: Peramelidae) in captivity. *Australian Mammalogy* 12: 77–79.
- Gemmell, R.T. (1989b) Survival of pouch young and juvenile bandicoots *Isodon macrourus* (Marsupialia: Peramelidae). *Australian Mammalogy* 12: 73–76.
- Gemmell, R.T. (1990) Longevity and reproductive capability of *Isodon macrourus* in captivity. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 213–17.
- Gemmell, R.T., Cepen, G., Green, P.E. & Stewart, N.P. (1991) Some effects of tick infestations on northern brown bandicoots (*Isodon macrourus*) juveniles. *Journal of Wildlife Diseases* 27: 269–75.
- Gemmell, R.T. & Hendrikz, J.K. (1993) Growth rates of the bandicoot *Isodon macrourus* and the brushtail possum *Trichosurus vulpecula*. *Australian Journal of Zoology* 41: 141–49.
- George, H., Parker, G. & Coote, P. (1995) Common wombats: Rescue rehabilitation release. Unpublished manuscript.
- Gibson, L.A. (2001) Seasonal changes in the diet, food availability and food preferences of the greater bilby (*Macrotis lagotis*) in south-western Queensland. *Wildlife Research* 28: 121–34.
- Gordon, G. (1974) Movement and activity of the short-nosed bandicoot *Isodon macrourus* Gould (Marsupialia). *Mammalia* 38: 405–31.
- Hale, M.L. (2000) Inheritance of geographic variation in body size and countergradient variation in growth rates in the southern brown bandicoot *Isodon obesulus*. *Australian Mammalogy* 22: 9–16.
- Hall, L.S. (1983) Observations in body weights and breeding of the northern brown bandicoot *Isodon macrourus* trapped in south-east Queensland. *Australian Wildlife Research* 10: 467–76.
- Hall, L.S. (1990) Growth and a description of the development of external features of pouch young of captive *Isodon macrourus*. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 123–33.
- Heinsohn, G.E. (1966) Ecology and reproduction of the Tasmanian bandicoots (*Perameles gunni* and *Isodon obesulus*). *University of California Publications in Zoology* 80: 1–96.
- Hughes, R.L. (1962) Role of the corpus luteum in marsupial reproduction. *Nature* 194: 890–91.
- Hulbert, A.J. (1972) Growth and development of pouch young in the rabbit-eared bandicoot, *Macrotis lagotis* (Peramelidae). *Australian Mammalogy* 1: 38–39.
- Hulbert, A.J. (1982) Notes on the management of a captive breeding colony of the greater bilby *Macrotis lagotis*. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 53.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Johnson, C.N. & Johnson, K.A. (1983) Behaviour of the bilby *Macrotis lagotis* (Reid), (Marsupialia: Thylacomyidae) in captivity. *Australian Wildlife Research* 10: 77–87.
- Jones, F.W. (1924) *The Mammals of South Australia. Part II. the bandicoots and herbivorous marsupials*. Government Printer, Adelaide.
- Kemper, C., Kitchener, D.J., Humphreys, W.F., How, R.A., Schmitt, L.H. & Bradley, A. (1990) The biology of the northern brown bandicoot, *Isodon macrourus* (Marsupialia: Peramelidae) at Mitchell Plateau, Western Australia. *Australian Journal of Zoology* 37: 627–44.
- Kingsmill, E. (1962) An investigation of criteria for estimating age in the marsupials *Trichosurus vulpecular* Kerr and *Perameles nasuta* Geoffroy. *Australian Journal of Zoology* 10: 597–616.
- Kingston, J. (1998) Handbook for the captive management of the eastern barred bandicoot *Perameles gunnii*. Zoological Parks and Gardens Board, Melbourne.
- Kirsch, J.A.W. (1968) Burrowing in the quenda (*Isodon obesulus*). *Western Australian Naturalist* 10: 178–80.
- Krake, D. & Halley, M. (1993) Maintenance and captive breeding of the eastern barred bandicoot *Perameles gunnii* at Healesville Sanctuary. *International Zoo Yearbook* 32: 216–21.
- Lee, L. (1990) Behaviour of the bilby in captivity at the Territory Wildlife Park, N.T. *Thylacinus* 15(1): 9–11.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edition. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Lenghaus, C., Obendorf, D.L. & Wright, F.H. (1990) Veterinary aspects of *Perameles gunnii* biology with special reference to species conservation. In T.W. Clark & J.H. Seebeck (Eds) *Management and Conservation of Small Populations*. Chicago Zoological Society, Brookfield, Illinois, pp. 89–108.
- Lobert, B. & Lee, A.K. (1990) Reproduction and life history of *Isodon obesulus* in Victorian heathland. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 311–18.
- Lyne, A.G. (1964) Observations on the breeding and growth of the marsupial *Perameles nasuta* Geoffroy, with notes on other bandicoots. *Australian Journal of Zoology* 12: 322–39.
- Lyne, A.G. (1971) Bandicoots in captivity. *International Zoo Yearbook* 11: 41–43.
- Lyne, A.G. (1974) Gestation period and birth in the marsupial *Isodon macrourus*. *Australian Journal of Zoology* 22: 303–9.
- Lyne, A.G. (1976) Observations on oestrus and the oestrous cycle in the marsupials, *Isodon macrourus* and *Perameles nasuta*. *Australian Journal of Zoology* 24: 513–21.
- Lyne, A. G. (1982) The bandicoots *Isodon macrourus* and *Perameles nasuta*: their maintenance and breeding in captivity. In D.D. Evans (Ed.) *The Management of Australian*

- Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 47–52.
- Mackerras, M.J. & Smith, R.G. (1960) Breeding the short-nosed marsupial bandicoot *Isodon macrourus* (Gould) in captivity. *Australian Journal of Zoology* 8: 371–82.
- McCracken, H.E. (1986) Observations on the oestrous cycle and gestation period of the greater bilby, *Macrotis lagotis* (Reid) (Marsupialia: Thylacomyidae). *Australian Mammalogy* 9: 5–16.
- McCracken, H.E. (1990) Reproduction in the greater bilby, *Macrotis lagotis* (Reid) – a comparison with other perameloids. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 199–204.
- Mahoney, J.A. & Ride, W.D.L. (1988a) Peramelidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 36–42.
- Mahoney, J.A. & Ride, W.D.L. (1988b) Thylacomyidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 43–45.
- Mallick, S.A., Driessen, M.M. & Hocking, G.J. (1998) Biology of the southern brown bandicoot (*Isodon obesulus*) in south-eastern Tasmania. II. Demography. *Australian Mammalogy* 20: 339–47.
- Mallick, S.A., Driessen, M.M. & Hocking, G.J. (2000) Demography and home range of the eastern barred bandicoot (*Perameles gunnii*) in south-eastern Tasmania. *Wildlife Research* 27: 103–15.
- Mawson, P.M. (1960) Nematodes belong to the Trichostrongylidae, Subuluridae, Rhabdiasidae, and Trichuridae from bandicoots. *Australian Journal of Zoology* 8: 261–84.
- Maxwell, S., Burbidge, A.A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. Wildlife Australia, Canberra.
- Merchant, J. & Libke, J.A. (1988) Milk composition in the northern brown bandicoot, *Isodon macrourus* (Peramelidae: Marsupialia). *Australian Journal of Biological Sciences* 41: 495–505.
- Merchant, J.C. (1990) Aspects of lactation in the northern brown bandicoot *Isodon macrourus*. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 219–28.
- Meritt, D.A. Jr. (1970) Observations on the short-nosed bandicoot at Lincoln Park Zoo, Chicago. *International Zoo Yearbook* 10: 130–31.
- Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. (2000) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from captive mainland Australian eastern barred bandicoot (*Perameles gunnii*). *Journal of Wildlife Diseases* 36: 213–18.
- Obendorf, D.L. & Munday, B.L. (1990) Toxoplasmosis in wild eastern barred bandicoots, *Perameles gunnii*. In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 193–97.
- Pope, J.H., Bicks, V.A. & Cook, I. (1957) Toxoplasma in Queensland: natural infections in bandicoots and rats. *Australian Journal of Experimental Biology* 35: 481–90.
- Presidente, P.J.A. (1982) Common ringtail possum *Pseudocheirus peregrinus*: maintenance in captivity, blood values and diseases. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 75–81.
- Quin, D.G. (1985) Observations on the diet of the southern brown bandicoot, *Isodon obesulus* (Marsupialia: Peramelidae), in southern Tasmania. *Australian Mammalogy* 11: 15–25.
- Reimer, A.B. & Hindell, M.A. (1996) Variation in body condition and diet of the eastern barred bandicoot (*Perameles gunnii*) during the breeding season. *Australian Mammalogy* 19: 47–52.
- Seebeck, J.H. (1979) Status of the barred bandicoot *Perameles gunnii* in Victoria: with a note on husbandry of a captive colony. *Australian Wildlife Research* 6: 255–64.
- Seebeck, J.H., Brown, P.R., Wallis, R.L. & Kemper, C.M. (1990) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney.
- Short, J., Richards, J.D. & Turner, B. (1998) Ecology of the western barred bandicoot (*Perameles bougainville*) (Marsupialia: Peramelidae) on Dorre and Bernier Islands, Western Australia. *Wildlife Research* 25: 567–86.
- Smith, G. (no date) Milk diets for native animals. Unpublished notes.
- Southgate, R.I. (1990) Habitats and diet of the greater bilby *Macrotis lagotis* Reid (Marsupialia: Peramelidae). In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 303–9.
- Southgate, R.I., Christie P. & Bellchamber, K. (2000) Breeding biology of captive, reintroduced and wild greater bilbies, *Macrotis lagotis* (Marsupialia: Peramelidae). *Wildlife Research* 27: 621–28.
- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee of Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Stodart, E. (1966) Management and behaviour of breeding groups of the marsupial *Perameles nasuta* Geoffroy in captivity. *Australian Journal of Zoology* 14: 611–23.
- Stodart, E. (1977) Breeding and behaviour of Australian bandicoots.. In B. Stonehouse & D. Gilmore (Eds) *The Biology of Marsupials*. Macmillan, London, pp. 179–91.
- Stoddart, D.M. & Braithwaite, R.W. (1979) A strategy of utilisation of regenerating heathland habitat by the brown bandicoot (*Isodon obesulus*; Marsupialia, Peramelidae). *Journal of Animal Ecology* 48: 165–79.

- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Thomas, L.N. (1990) Stress and population regulation in *Isodon obesulus* (Shaw and Nodder). In J.H. Seebeck, P.R. Brown, R.L. Wallis & C.M. Kemper (Eds) *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney, pp. 335–43.
- Tyndale-Biscoe, H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Vogelnest, L. (1999) Chemical restraint of Australian native fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Williams, R. (1990) Bandicoots. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 75–81.
- Wright, W., Sanson, G.D. & McArthur, C. (1982) The diet of the extinct bandicoot *Chaeropus ecaudatus*. In P.V. Rich & E.M. Thompson (Eds) *The Fossil Vertebrate Record of Australasia*. Monash University, Melbourne, pp. 229–45.
- Medicine. Current Therapy 4. W.B. Saunders, Philadelphia, pp. 321–33.
- Brown, A.S., Seawright, A.A. & Wilkinson, G.T. (1981) An outbreak of sarcoptic mange in a colony of koalas. In M.E. Fowler (Ed.) 'Wildlife Diseases of the Pacific Basin and Other Countries'. *Proceedings of the 4th International Conference of the Wildlife Disease Association*, Sydney, pp. 111.
- Brown, S. & Woolcock, J. (1988) Epidemiology and control of chlamydial disease in koalas. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 495–502.
- Carrick, F.N., Wood, A.D. & Fyfe, L. (1990) Standards for treatment of koalas. In G. Gordon (Ed.) *Koalas: Research for Management*. World Koala Research Incorporated, Brisbane, pp. 148–53.
- Congreve, P. & Betts, T.J. (1978) Eucalyptus plantations and preferences as food for a colony of Koalas in Western Australia. In T.J. Bergin (Ed.) *The Koala – Proceedings of the Taronga Symposium on Koala Biology*. Zoological Parks Board of NSW, Sydney, pp. 87–103.
- Connolly, J.H. (1999) Emerging diseases of koalas and their medical management. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 15–38.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Cronin, L. (1987) *Koala – Australia's Endearing Marsupial*. Reed Books, Sydney.
- Drake, B. (1982) Koala *Phascolarctos cinereus*: its husbandry at the Royal Melbourne Zoological Gardens. In D.D. Evans (Ed.) *Proceedings of the Scientific Meeting of the Australian Mammal Society*. Victoria. Zoological Board of Victoria, Melbourne, pp. 129–31.
- Drake, B., Miller, M. & Morley, N.W. (1991) Management of koalas in captivity. In A.K. Lee, K.A. Handasyde and G.D. Sanson (Eds) *Biology of the Koala*. Surrey Beatty & Sons and the World Koala Research Corporation, Sydney, pp. 323–29.
- Fleay, D. (1937) Observations on the koala in captivity. Successful rearing in Melbourne Zoo. *Australian Zoologist* 9: 68–80.
- Finnie, E.P. (1988a) Diseases and injuries of other Australian mammals. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 91.
- Finnie, E.P. (1988b) Care and husbandry of other Australian animals. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 63–64.
- Finnie, T. (1990) *The Role of Zoos in the Conservation of Koalas*. In D. Lunney, C.A. Urquhart & P. Reed (Eds). *Koala Summit – Managing Koalas in NSW*, NPWS, Sydney, pp. 109.
- Flower, W.H. (1880) Additions to the menagerie. *Proceedings of the Zoological Society of London* 1880: 355–56.
- Anon (1994) Recommended minimum standards for exhibiting fauna in queensland. Part A. Koalas *Phascolarctos cinereus*. Queensland Wildlife Parks Association, Brisbane.
- Anon (1997) Standards for exhibiting koalas (*Phascolarctos cinereus*) in New South Wales. NSW Agriculture, Orange.
- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–67.
- Blainville, H.M.D. de (1816) Prodrome d'une nouvelle distribution systematique du regne animal. *Bull. Sci. Soc. Philomath*. Paris 1816: 113–24.
- Blanshard, W.H. (1991) Growth and development of the koala from birth to weaning. In A.K. Lee, K.A. Handasyde & G.D. Sanson (Eds) *Biology of the Koala*. Surrey Beatty & Sons, Sydney, pp. 193–202.
- Blanshard, W.H. (1994) Medicine and husbandry of koalas.. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 547–626
- Booth, R. (1989) The Effects of Handling on Koalas. Lone Pine Koala Sanctuary, Queensland. *ASZK Proceedings*. Melbourne Zoo and Healesville Sanctuary.
- Booth, R.J. & Blanshard, W.H. (1999) Diseases in koalas. In M.E. Fowler & R.E. Miller (Eds) *Zoo and Wild Animal*

- Gall, B.C. (1980) Aspects of the ecology of the koala, *Phascolarctos cinereus* (Goldfuss), in Tucki Tucki Nature Reserve, New South Wales. *Australian Wildlife Research* 7: 167–76.
- Gamble, J. & Blyde, D. (1992) Artificial milk diets as a supplement for aged and infirmed marsupials. *International Zoo Yearbook* 31: 90–92.
- George, H., Parker, G. & Coote, P. (1995) Common wombats: Rescue rehabilitation release. Unpublished manuscript.
- Glassick, T., Giffard, P. & Timms, P. (1997) Outer membrane protein 2 gene sequences indicate that *Chlamydia perorum* and *Chlamydia pneumoniae* cause infection in koalas. *Systematic Applied Microbiology* 19: 457–64.
- Goldfuss, G.A. (1817) *Lipurus cinereus* in Schrebers's die Säugethiere, in Abbildungen nach der Natur, mit Beschreibung. Fortgesetzt von A. Goldfuss. 65e cahier.
- Gordon, G., Brown, A.S. & Pulsford, T. (1988) A koala (*Phascolarctos cinereus* Goldfuss) population crash during drought and heatwave conditions in south-western Queensland. *Australian Journal of Ecology* 13: 451–61.
- Gordon, G. (1991) Estimation of the age of the koala *Phascolarctos cinereus* (Marsupialia: Phascolarctidae) from tooth wear and growth. *Australian Mammalogy* 14: 5–12.
- Green, B. (1984) Composition of milk and energetics of growth in marsupials. *Symposia of the Zoological Society of London* 51: 369–87.
- Handasyde, K.A. (1986) Factors affecting reproduction in the koala (*Phascolarctos cinereus*). PhD Thesis. Monash University, Clayton Victoria.
- Handasyde, K.A., Martin, R.W. & Lee, A.K. (1988) Field investigations into chlamydial disease and infertility in koalas in Victoria. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 505–15.
- Hawkes, N.H. (1978) Identification and management of koala eucalypt trees in New South Wales. In T.J. Bergin (Ed.) *The Koala – Proceedings of the Taronga Symposium on Koala Biology*, Zoological Parks Board of NSW, Sydney, pp. 89–96.
- Hindell, M.A. & Lee, A.K. (1987) Habitat use and tree preferences of koalas in a mixed eucalypt forest. *Australian Wildlife Research* 14: 349–60.
- Houlden, B.A., Costello, B.H., Sharkey, D., Fowler, E.V., Melzer, A., Ellis, W., Carrick, F., Baverstock, P.R. & Elphinstone, M.S. (1999) Phylogeographic differentiation in the mitochondrial control region in the koala, *Phascolarctos cinereus* (Goldfuss 1817). *Molecular Ecology* 8: 999–1011.
- Hume, I. (1982) *Digestive Physiology and Nutrition of Marsupials*. Cambridge University Press, Cambridge.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jackson, S.M. (2001) Koalas. In C. Bell (Ed.) *Encyclopedia of the World's Zoos*. Fitzroy Dearborn, Chicago, pp. 687–90.
- Johnston, S.D., McGowan, M.R. & O'Callaghan, P. (1999) Assisted breeding technology for the conservation and propagation of *Phascolarctos cinereus* or how to make a koala pouch young. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 199–216.
- Johnston, S.D., McGowan, M.R., O'Callaghan, P., Cox, R. & Nicolson, V. (2000) Studies of the oestrous cycle, oestrus and pregnancy in the koala (*Phascolarctos cinereus*). *Journal of Reproduction and Fertility* 120: 49–57.
- Johnston, S.D., McGowan, M.R., O'Callaghan, P., Cox, R., Houlden, B., Haig, S. & Taddeo, G. (2003) Birth of koalas *Phascolarctos cinereus* at Lone Pine Koala Sanctuary following artificial insemination. *International Zoo Yearbook* 38: 160–72.
- Krockenberger, A.K. (1996) Composition of the milk of the koala, *Phascolarctos cinereus*, an arboreal folivore. *Physiological Zoology* 69: 701–18.
- Lanyon, J.M. & Sanson, G.D. (1986) Koala (*Phascolarctos cinereus*) dentition and nutrition. II. Implications of tooth wear in nutrition. *Journal of Zoology* (London) 209: 169–81.
- Lee, A.K. (1988) Life histories of marsupials, with particular reference to the life history of the koala. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 613–21.
- Lee, A.K. & Martin, R. (1988) *The Koala – A Natural History*. New South Wales University Press, Sydney.
- Lee, A.K. & Carrick, F.N. (1989) Phascolarctidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 740–54.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquariums, Sydney.
- Logan, M. & Sanson, G.D. (2002) The effect of tooth wear on the feeding behaviour of free-ranging koalas (*Phascolarctos cinereus*, Goldfuss). *Journal of Zoology* 256: 63–69.
- McKay, G.M. (1988) Phascolarctidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 51–52.
- Marshall, V., Carrick, F., Doherty, M.D. & Maclean, D.J. (1990) Aspects of the composition of koala milk. In A.K. Lee, K.A. Handasyde & G.D. Sanson (Eds) *Biology of the Koala*. Surrey Beatty & Sons, Sydney, pp. 229–41.
- Martin, R.W. (1981) Age specific fertility in three populations of the koala, *Phascolarctos cinereus* Goldfuss, in Victoria. *Australian Wildlife Research* 8: 275–83.
- Martin, R. & Handasyde, K. (1991) Population dynamics of the koala (*Phascolarctos cinereus*) in southern Australia. In A.K. Lee, K.A. Handasyde & G.D. Sanson (Eds) *Biology of the Koala*. Surrey Beatty & Sons and the World Koala Research Corporation, Sydney, pp. 75–84.
- Martin, R. & Handasyde, K. (1995) Koala *Phascolarctos cinereus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 196–98.

- Martin, R. & Handasyde, K. (1999) *The Koala: Natural History, Conservation and Management*. Australian Natural History Series, NSWU Press, Sydney.
- Minchin, A.K. (1937) Notes on the weaning of a young koala (*Phascolarctos cinereus*). *Records of the South Australian Museum* 6: 1–3.
- Moore, B.D. & Foley, W.J. (2000) A review of feeding and diet selection in koalas (*Phascolarctos cinereus*). *Australian Journal of Zoology* 48: 317–33.
- Nagy, K.A. & Martin, R.W. (1985) Field metabolic rate, water flux, food consumption and time budgets of koalas, *Phascolarctos cinereus* (Marsupialia: Phascolarctidae) in Victoria. *Australian Journal of Zoology* 33: 655–65.
- O'Callaghan, P. & Blanshard, W. (1991) Breeding Koalas in Captivity. ASZK Conference Proceedings, Lone Pine Koala Sanctuary, Queensland.
- O'Callaghan, P. (1996) Growth and mortality of koala pouch and back young. *Australian Koala Foundation Conference Proceedings*, Greenmount Coolangatta, Queensland.
- O'Callaghan, P. (1999) The management of *Eucalyptus* plantations for koala fodder. *Thylacinus* 23(2): 22–24.
- Osawa, R. & Carrick, F.N. (1990) Use of a dietary supplement in koalas during systematic antibiotic treatment in chlamydial infection. *Australian Veterinary Journal* 8: 305–7.
- Osawa, R., Blanshard, W.H. & O'Callaghan, P.G. (1993) Microbiological studies of the intestinal microflora of the koala, *Phascolarctos cinereus*. II. Pap, a special maternal faeces consumed by juvenile koalas. *Australian Journal of Zoology* 611–20.
- Pahl, L.I. & Hume, I. (1991) Preferences for *Eucalyptus* species of the New England Tablelands and initial development of an artificial diet for koalas. In A.K. Lee, K.A. Handasyde and G.D. Sanson (Eds) *Biology of the Koala*, Surrey Beatty & Sons and the World Koala Research Corporation, Sydney, pp. 123–28.
- Phillips, A. & Johnson, S. (1994) The supplementary feeding of two Victorian koala joeys at Melbourne Zoo. *Thylacinus* 19(1): 6–8.
- Phillips, S. & Callaghan, J. (2000) Tree species preferences of koalas (*Phascolarctos cinereus*) in the Campbelltown Area south-west Sydney, New South Wales. *Wildlife Research* 27: 509–16.
- Pournelle, G.H. (1961) Notes on reproduction of the koala. *Journal of Mammalogy* 42: 396.
- Pratt, A. (1937) *The Call of the Koala*. Robertson & Mullins, Melbourne.
- Rose, K. (1999) Common diseases of urban wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 365–427.
- Smith, M. (1979) Notes on reproduction and growth in the koala, *Phascolarctos cinereus* (Goldfuss). *Australian Wildlife Research* 6: 5–12.
- Smith, M.T.A. (1980a) Behaviour of the Koala, *Phascolarctos cinereus* (Goldfuss), in captivity. III. Vocalisations. *Australian Wildlife Research* 7: 13–34.
- Smith, M.T.A. (1980b) Behaviour of the Koala, *Phascolarctos cinereus* (Goldfuss), in captivity. IV. Scent-marking. *Australian Wildlife Research* 7: 35–40.
- Smith, M.T.A. (1980c) Behaviour of the Koala, *Phascolarctos cinereus* (Goldfuss), in captivity. V. Sexual behaviour. *Australian Wildlife Research* 7: 41–51.
- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Stanbury, P. & Phipps, G. (1980) *Australia's Animals Discovered*. Pergamon Press Sydney.
- Thomas, O. (1923) On some Queensland Phalangeridae. *Annual Magazine of Natural History* 11(9): 246–50.
- Thompson, V. (1987) Parturition and development in the Queensland Koala *Phascolarctos cinereus cinereus* at San Diego Zoo. *International Zoo Yearbook* 26: 217–22.
- Thompson, V.D. & Fadem, B.H. (1989) Scent marking in the koala (*Phascolarctos cinereus*): Related behaviour and sex differences. *Zoological Garten* 59: 157–65.
- Troughton, E. le G. (1935) The southern race of the koala. *Australian Naturalist* 9: 137–40.
- Tyndale-Biscoe, H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- U Nyo Tun (1993) Re-establishment of rehabilitated koalas in the wild and their use of habitat in Sheldon, Redland Shire, southeast Queensland with particular reference to dietary selection. MSc Thesis. University of Queensland, Brisbane.
- Vogelnest, L. (1998) Use of transponder identification implants in koalas *Phascolarctos cinereus*. *Thylacinus* 22(1): 77–78.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Wigney, D.I., Gee, D.R. & Canfield, P.J. (1989) *Pyogranulomatous pneumonias* due to *Nocardia asteroides* and *Staphylococcus epidermidis* in two koalas, *Phascolarctos cinereus*. *Journal of Wildlife Diseases* 25: 592–96.
- Woods, R. (1999) Prevention of disease in hand reared native wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 455–89.

## Chapter 7 – Wombats

- Anon (1982) Two zoos breed hairy-nosed wombats. *Thylacinus* 7(2): 44.
- Arlian, L.R. (1989) Biology, host relations, and epidemiology of *Sarcoptes scabiei*. *Annual Review of Entomology* 34: 139–61.

- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bach, C. (1998) *Birth Date Determination in Australasian Marsupials*. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Barboza, P.S. & Vanselow, B.A. (1990) Copper toxicity in captive wombats (Marsupialia: Vombatidae). In *Proceedings of the American Association of Zoo Veterinarians*, pp. 204–6.
- Barker, I.K., Munday, B.L. & Presidente, P.J.A. (1979) Coccidia of wombats: correction of host parasite relationships. *Eimeria wombati* (Gilruth and Bull, 1912) com. Nov. and *Eimeria ursini* Supperer, 1957 from the hairy-nosed wombat and *Eimeria arundeli* sp. n. from the common wombat. *Journal of Parasitology* 65: 451–56.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–67.
- Bettiol, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. (2000) Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 141–44.
- Beveridge, I. (1978) A taxonomic revision of the general *Phascolostromylus* Caravan, and *Oesophagostromoides* Schwartz (Nematoda: Trichonematidae) from wombats. *Australian Journal of Zoology* 26: 585–602.
- Beveridge, I. & Mawson, P.M. (1978) A taxonomic revision of the genera *Macropostrongyloides* Tamaguti and *Paramacropostrongylus* Johnston & Mawson (Nematoda: Trichonematidae) from Australian Marsupials. *Australian Journal of Zoology* 26: 763–87.
- Beveridge, I. (1980) *Programotaenia* Nybelin (Cestoda: Anoplocephalidae): new species, redescription and new host records. *Transactions of the Royal Society of South Australia* 104: 67–79.
- Böer, M. (1998) Observations on reproduction in the common wombat *Vombatus ursinus* in captivity. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 129–46.
- Booth, R. (1994) Medicine and husbandry: Monotremes, wombats and bandicoots. In D.I. Dryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 395–420.
- Booth, R. (1999) Wombats: care and treatment of sick, injured and orphaned animals. In D.I. Dryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 1–11.
- Brooks, D.E., Gaughwin, M.D. & Mann, T. (1978) Structural and biochemical characteristics of the male accessory organs of reproduction in the hairy-nosed wombat (*Lasiiorhinus latifrons*). *Proceedings of the Royal Zoological Society of London* B. 201: 191–207.
- Brown, G.D. (1964) Thermoregulation in the common wombat (*Vombatus ursinus*) in an alpine environment. In J.R.S. Hales (Ed.) *Thermal Physiology*. Raven Press, New York, pp. 331–34.
- Bryant, B. (2000) Captivity, stress and reproductive failure in the common wombat (*Vombatus ursinus*) by serial measurements of faecal progesterone metabolites. MSc Thesis. University of Sydney, Sydney.
- Christian, M.E. (1977) Rearing of marsupials. *Control and Therapy No. 448*. The Post Graduate Committee in Veterinary Science. University of Sydney, Sydney.
- Collins, L.R. (1973) *Monotremes and marsupials. A Reference for zoological institutions*. Smithsonian Institution Press, Washington.
- Condor, P. (1970) Breeding the common wombat in captivity. *Victorian Naturalist* 87: 322.
- Coulson, G.M. & Croft, D.B. (1981) Flehmen in kangaroos. *Australian Mammalogy* 4: 139–40.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Crossman, D.G., Johnson, C.N. & Horsup, A.B. (1994) Trends in the population of the northern hairy-nosed wombat, *Lasiiorhinus krefftii* in Epping Forest National Park, central Queensland. *Pacific Conservation Biology* 1: 141–49.
- Crowcroft, P. & Soderlund, R. (1977) Breeding of wombats (*Lasiiorhinus latifrons*) in captivity. *Zoologische Garten* 47: 313–22.
- Dawson, L.J. (1988) Vombatidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 48–50.
- Doube, L.J. (1981) Diseases in wombats. In M.E. Fowler (Ed.) 'Wildlife Diseases of the Pacific Basin and Other Countries'. *Proceedings of the 4th International Conference of the Wildlife Disease Association*, Sydney, pp. 63–75.
- Dreeson, D.W. & Lubroth, J.-S. (1983) The life cycle of *Toxoplasma gondii*: an illustrative view. *The Compendium on Continuing Education* 5: 456–60.
- Durfee, P.T. & Presidente, P.J.A. (1979) A seriological survey of Australian wildlife for antibodies to leptospirae of the *Hebdomadis* serogroup. *Australian Journal of Experimental Biology and Medical Science* 57: 177–89.
- Fain, A. (1968) Étude de la variabilité de *Sarcoptes scabiei* avec une revision des Sarcopitidae. *Acta Zoologica Pathologica Antverpiensia* 47: 1–196.
- Fleay, R. (1957) Growing up with wombats. *Animal Kingdom* 60(4): 107–110.
- Flower, S.S. (1929) List of vertebrate animals exhibited in the gardens of the Zoological Society of London, 1828–1927. In. 'Mammals'. *Proceedings of the Zoological Society of London*. 1929: 1–419.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- Gaughwin, M.D. & Wells, R.T. (1978) General features of the hairy-nosed wombat (*Lasiiorhinus latifrons*) in the Blanche

- Town region of South Australia. *Australian Mammal Society Bulletin* 5(1): 46–47.
- Gaughwin, M.D. (1979) The occurrence of flehmen in a marsupial – the hairy nosed wombat (*Lasiiorhinus latifrons*). *Animal Behaviour* 27: 1063–65.
- Gaughwin, M.D. (1982) Southern hairy-nosed wombat *Lasiiorhinus latifrons*: its maintenance, behaviour and reproduction in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 144–55.
- Gaughwin, M.D., Breed, W.G. & Wells, R.T. (1998) Seasonal reproduction in a population of southern hairy-nosed wombats *Lasiiorhinus latifrons* in the Blanchtown region of South Australia. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 109–12.
- George, H., Parker, G. & Coote, P. (1995) Common wombats: Rescue rehabilitation release. Unpublished manuscript.
- Gerhardt, K., Smales, L.R. & McKillup, S.C. (2000) Parasites of the northern hairy-nosed wombat *Lasiiorhinus krefftii*: Implications for conservation. *Australian Mammalogy* 22: 17–22.
- Gray, J.E. (1863) Notice of three wombats in the Zoological Gardens. *Annals and Magazine of Natural History* (3)6: 457–59.
- Green, B. (1984) Composition of milk and energetics of growth in marsupials. *Symposia of the Zoological Society of London* 51: 369–87.
- Green, R.H. & Munday, B.L. (1971) Parasites of Tasmanian native and feral fauna. Part 1. Arthropoda. *Records of the Queen Victoria Museum* 41: 1–16.
- Green, R.H. & Rainbird, J.L. (1987) The common wombat (*Vombatus ursinus*) (Shaw, 1800) in northern Tasmania. Part 1. Breeding, growth and Development. *Records of the Queen Victoria Museum* 91: 1–19.
- Home, E. (1808) An account of some peculiarities in the anatomical structure of the Wombat, with observations on the female organs of generation. *Philosophical Transactions of the Royal Society of London*, 1808: 304–12.
- Horsup, A. (1998) A trapping survey of the northern hairy-nosed wombat *Lasiiorhinus krefftii*. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 147–55.
- Hoyle, S.D., Horsup, A.B., Johnson, C.N., Crossman, D.G. & McCallum, H. (1995) Live-trapping of the northern hairy-nosed wombat (*Lasiiorhinus krefftii*): Population-size estimates and effects on individuals. *Wildlife Research* 22: 741–55.
- Hum, S. & Best, F.G. (1988) Tyzzer's disease in a wombat. *Australian Veterinary Journal* 65: 89–90.
- Hum, S., Barton, N.J., Obendorf, D. & Barker, I.K. (1991) Coccidiosis in common wombats (*Vombatus ursinus*). *Journal of Wildlife Diseases* 27: 697–700.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Johnson, C.N. (1991) Utilisation of habitat by the northern hairy-nosed wombat *Lasiiorhinus krefftii*. *Journal of Zoology* (London) 225: 495–507.
- Johnson, C.N. & Gordon, G. (1995) Northern hairy-nosed wombat *Lasiiorhinus krefftii*, pp. 200–1. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney.
- Johnson, C.N. (1998) The evolutionary ecology of wombats. In R.T. Wells and P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 34–41.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edition. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Loffler, E. & Margules, C. (1980) Wombats detected from space. *Remote Sens. Environ.* 9: 47–56.
- McIlroy, J.C. (1973) Aspects on the ecology of the common wombat, *Vombatus ursinus* (Shaw, 1800). PhD Thesis. Australian National University, Canberra.
- McIlroy, J.C. (1976) Aspects of the ecology of the common wombat, *Vombatus ursinus*. I. Capture, handling, marking and radio-tracking techniques. *Australian Wildlife Research* 3: 105–16.
- McIlroy, J.C. (1977) Aspects of the ecology of the common wombat, *Vombatus ursinus*. II. Methods for estimating population numbers. *Australian Wildlife Research* 4: 223–28.
- McIlroy, J.C. (1995) Common wombat *Vombatus ursinus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 204–5.
- Mallett, K.J. & Cooke, B.D. (1986) *The Ecology of the Common Wombat in South Australia*. Nature Conservation Society of South Australia, Adelaide.
- Marks, C.A. (1998) Courtship and mating in a pair of free-ranging common wombats *Vombatus ursinus*. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Chipping Norton, Sydney, pp. 125–28.
- Martin, R.W., Handasyde, K.A. & Skerratt, L.F. (1998) Current distribution of sarcoptic mange in wombats. *Australian Veterinary Journal* 76: 411–14.
- Maxwell, S., Burbidge, A.A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. Wildlife Australia, Canberra.
- Mawson, P.M. (1955) Some parasites of Australian vertebrates. *Transactions of the Royal Society of South Australia* 78: 1–7.
- Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. (2000) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from captive mainland Australian eastern barred bandicoot (*Perameles gunnii*). *Journal of Wildlife Diseases* 36: 213–18.
- Mitchell, P.C. (1911) On longevity and relative viability in mammals and birds; with a note on the theory of longevity. *Proceedings of the Zoological Society of London* 1911: 425–548.
- Mohr, E. (1942) Einiges über Wombat-Formen und Marsupialia-Beutel. *Der Zoologische Garten* 14 (1/2): 55–68.

- Munday, B.L. & Corbould, A. (1973) *Leptospira pomona* infection in wombats. *Journal of Wildlife Diseases* 9: 72–73.
- Munday, B.L. & Gregory, G.C. (1974) Demonstration of larval forms of *Baylisascaris tasmaniensis* in the wombat (*Vombatus ursinus*). *Journal of Wildlife Diseases* 10: 241–42.
- Munday, B.L. (1978) Marsupial disease. In *Fauna. Part B*. Editor The Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 335–85.
- Nicholson, P.J. (1963) Wombats. *Timbertop Magazine* 8: 32–38.
- Osborn, D.J. (1975) Aussie, Brookfield Zoo's baby wombat. *Brookfield Bison* 10: 4.
- Owen, R. (1845) Exhibited wombats. *Proceedings of the Zoological Society of London* 13: 82–83.
- Owen, R. (1872) On the fossil mammals of Australia. Part VI. Genus *Phascolomys* Geoffroy. *Philosophical Transactions of the Royal Society of London* 162: 173–96.
- Perry, R.A. (1983) Successful treatment of sarcoptic mange in the common wombat (*Vombatus ursinus*). *Australian Veterinary Practitioner* 13(4): 169.
- Peters, D.G. & Rose, R.W. (1979) The oestrous cycle and basal body temperature in the common wombat *Vombatus ursinus*. *Journal of Reproduction and Fertility* 57: 453–60.
- Presidente, P.J.A. & Beveridge, I. (1978) Cholangitis associated with species of *Progamotaenia* (Cestoda: Anoplocephalidae) in the bile ducts of marsupials. *Journal of Wildlife Diseases* 14: 371–77.
- Presidente, P.J.A. (1982) Common wombat *Vombatus ursinus*: maintenance in captivity, blood values, infectious and parasitic diseases. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. The Zoological Board of Victoria, Melbourne, pp. 133–43.
- Ride, W.D.L. (1970) *A Guide to the Native Mammals of Australia*. Oxford University Press, London.
- Rishworth, C., McIlroy, J.C. & Tanton, M.T. (1995) Diet of the common wombat, *Vombatus ursinus*, in plantations of *Pinus radiata*. *Wildlife Research* 22: 333–39.
- Roberts, F.H.S. (1964) The tick fauna of Tasmania. *Records of the Queen Victoria Museum* 17: 1–8.
- Roberts, F.H.S. (1970) *Australian Ticks*. CSIRO, Melbourne.
- Rose, K. (1999) Common diseases of urban wildlife. In D.I. Dryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 365–427.
- Schmidt, M. (1880) On the duration of life of the animals in the Zoological Gardens at Frankfurt-on-the-Main. *Proceedings of the Zoological Society* 1880: 299–319.
- Shaw, G. (1800) *General Zoology or Systematic Natural History*. G. Kearsley, London.
- Shimmin, G., Skinner, J. & Baudinette, R. (2001) Life in a wombat burrow. *Nature Australia* Summer 2001–2002: 62–69.
- Shimmin, G., Skinner, J. & Baudinette, R. (2002) The warren architecture and environment of the southern hairy-nosed wombat (*Lasiorninus latifrons*). *Journal of Zoology* (London) 258: 469–77.
- Skerratt, L.F. (1995) *Strongyloides spearei* n. sp. (Nematoda: Strongyloididae) from the common wombat *Vombatus ursinus* (Marsupialia: Vombatidae). *Systematic Parasitology* 32: 81–89.
- Skerratt, L.F., Phelan, J., McFarlane, R. & Speare, R. (1997) Serodiagnosis of toxoplasmosis in a common wombat. *Journal of Wildlife Diseases* 33: 346–51.
- Skerratt, L.F., Martin, R.W. & Handasyde, K.A. (1998) Sarcoptic mange in wombats. *Australian Veterinary Journal* 76: 408–10.
- Skerratt, L.F. (1998) Diseases and parasites of the common wombat *Vombatus ursinus* in the Healesville area of Victoria. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 317–28.
- Skerratt, L.F., Middleton, D. & Beveridge, I. (1999) Distribution of life cycle stages of *Sarcoptes scabiei* var *wombati* and effects of severe mange on common wombats in Victoria. *Journal of Wildlife Diseases* 35: 633–46.
- Skerratt, L.F. (2001) Sarcoptic mange in the common wombat, *Vombatus ursinus* (Shaw, 1800). PhD Thesis. University of Melbourne, Melbourne.
- Smales, L.R. (1987) Parasites of the wombat *Vombatus ursinus* from the Gippsland region, Victoria. *Transactions of the Royal Society of South Australia* 111: 129–30.
- Smales, L.R. (1994) A new species of Oesophagostomoides (Nematoda: Cloacinidae) from the northern hairy-nosed wombat *Lasiorninus krefftii* with a key to species of the genus. *Journal of Parasitology* 80: 638–43.
- Smales, L.R. (1998) Helminth parasites of wombats. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 312–16.
- Smith, G. (no date) Milk diets for native animals. Unpublished notes.
- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Dryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Spratt, D.M. (1979) A taxonomic revision of the lungworms (Nematoda: Metastrongyloidea) from Australian marsupials. *Australian Journal of Zoology* Supplement 67: 1–45.
- Spratt, D.M. & Presidente, P.J.A. (1981) Prevalence of Fasciola hepatica infection in native mammals in southeastern Australia. *Australian Journal of Experimental Biology and Medical Science* 59: 713–21.
- Spratt, D.M., Beveridge, I. & Walter, E.L. (1991) A catalogue of Australasian monotremes and marsupials and their recorded helminth parasites. *Records of the South Australian Museum*, Monograph Series 1: 10–105.
- Steele, V.R. & Temple-Smith, P.D. (1998) Physical structure of warrens of a small colony of southern hairy-nosed wombats *Lasiorninus latifrons*. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 113–24.

- Stenke, R. (1995) Study of behaviour and socioecology of hairy-nosed wombats (*Lasiorhinus spec.*). Report to the northern hairy-nosed wombat recover team.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Taggart, D.A., Steele, V.R., Schultz, D., Dibben, R., Dibben, J. & Temple-Smith, P.D. (1998a) Semen collection and cryopreservation in the southern hairy-nosed wombat *Lasiorhinus latifrons*: Implications for conserving the northern hairy-nosed wombat *Lasiorhinus krefftii*. In R.T. Wells & P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 180–91.
- Taggart, D.A., Breed, W.G., Temple-Smith, P.D., Purvis, A. & Shimmmin, G. (1998b) Reproduction, mating strategies and sperm competition in marsupials and monotremes. In T.R. Birkhead & A.P. Moller (Ed.) *Sperm Competition and Sexual Selection*. Academic Press, London, pp. 623–65.
- Taylor, A., Banks, S., Hoyle, S., Horsup, A. & Sunnucks, P. (in prep) Report on the first northern hairy-nosed wombat population census based on genotypes from remotely collected hairs.
- Taylor, R.J. (1993) Observations on the behaviour and ecology of the common wombat *Vombatus ursinus* in northeast Tasmania. *Australian Mammalogy* 16: 1–7.
- Temby, I.D. (1998) The law and wombats in Australia. In R.T. Wells and P.A. Pridmore (Eds) *Wombats*. Surrey Beatty & Sons, Sydney, pp. 305–11.
- Triggs, B. (1996) *The Wombat: Common Wombats in Australia*. University of NSW Press, Sydney.
- Twaddell, M.A. (1998) Distribution of nematodes within the colon of the common wombat, *Vombatus ursinus* and the southern hairy-nosed wombat, *Lasiorhinus latifrons* (Marsupialia: Vombatidae). BSc Hons Thesis. Monash University, Melbourne.
- Tyndale-Biscoe, H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Vogelnest, L., Canfield, P., Hartley, W.J. & Reece, R.L. (1997) Suspected transponder implant associated mesenchymal tumourigenesis in two feathertail gliders (*Acrobates pygmaeus*) and a koala (*Phascolarctos cinereus*). *Proceedings of the Annual Wildlife Diseases Association (Australasian Section) Conference*, October 1997. Flinders Island, Tasmania. Wildlife Diseases Association (Australasian Section), pp. 1–5.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Dryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Wells, R.T. (1971) Maintenance of the hairy-nosed wombat *Lasiorhinus latifrons* in captivity. *International Zoo Yearbook* 11: 30–31.
- Wells, R.T. (1973) Physiological and behavioural adaptations of the hairy-nosed wombat [*(Lasiorhinus latifrons)*(Owen)] to its arid environment. PhD Thesis. University of Adelaide, Adelaide.
- Wells, R.T. (1978a) Thermoregulation and activity rhythms in the hairy-nosed wombat, *Lasiorhinus latifrons* (Owen), (Vombatidae). *Australian Journal of Zoology* 26: 639–51.
- Wells, R.T. (1978b) Field observations of the hairy-nosed wombat *Lasiorhinus latifrons* (Owen). *Australian Wildlife Research* 5: 299–303.
- Wells, R.T., Boreland, F. & Forward, L. (1986) The Brookfield Herbivore Study – grazing behaviours and pasture dynamics in a semi-arid zone. *Australian Mammal Society Bulletin* 9(1). Abstract.
- Wells, R.T. (1989) Vombatidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 755–68.
- Wells, R.T. (1995) Southern hairy-nosed wombat *Lasiorhinus latifrons*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 202–3.
- Williams, R. (1990) Wombats. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 91–96.
- Woodford, J. (2001) *The Secret Life of Wombats*. Text Publishing, Melbourne.
- Woods, R. (1999) Prevention of disease in hand reared native wildlife. In D.I. Dryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 455–89.
- Woolnough, A.P., Foley, W.J., Johnson, C.N. & Evans, M. (1997) Evaluation of techniques for indirect measurement of body composition in a free-ranging large herbivore, the southern hairy-nosed wombat. *Wildlife Research* 24: 649–60.
- Woolnough, A.P. (1998) The feeding ecology of the northern hairy-nosed wombat, *Lasiorhinus krefftii* (Marsupialia: Vombatidae). PhD Thesis. James Cook University, Townsville.
- Woolnough, A.P. (2000) Reproductive strategies of female northern hairy-nosed wombats. *Australian Mammalogy* 21: 257–58.
- Wünschmann, A. (1966) Einige Gefangenschaftsbeobachtungen an Breitstirn-wombats (*Lasiorhinus latifrons* Owen, 1845). *Zeitschrift für Tierpsychologie* 23: 56–71.
- Young, G.E. (1980) Geographic variation in the common wombat, *Vombatus ursinus* (Shaw 1800). *Victorian Naturalist* 97: 200–4.
- Zuckerman, S. (1953) The breeding seasons of mammals in captivity. *Proceedings of the Zoological Society of London* 122: 827–950.

## Chapter 8 – Possums and gliders

- Alexander, J.S.A. (1981) The status of the squirrel glider, *Petaurus norfolcensis* (Marsupialia: Petauridae) in Victoria. BSc Hons Thesis. La Trobe University, Melbourne.
- Andrews, L. (2003) The captive management and breeding success of the eastern pygmy possum *Cercartetus nanus* (Desmarest, 1818). *First International Congress of Zookeeping*. In press.
- Arlidge, J., Halley, M. & Hunter, S. (1993) *Manual for the Captive Management of Mountain Pygmy Possum Burramys parvus*. Healesville Sanctuary, Victoria.
- Arnould, J. (1986) Aspects of the diet of the eastern pygmy-possum, *Cercartetus nanus* (Desmarest). BSc Hons Thesis. Monash University, Victoria.
- Atherton, R.G. & Haffenden, A.T. (1982) Observations on the reproduction and growth of the long-tailed pygmy possum, *Cercartetus caudatus* (Marsupialia: Burramyidae), in captivity. *Australian Mammalogy* 5: 253–59.
- Augue M.L., Smith, B. & Rose, S. (1996) Survival of wild and hand-reared ringtail possums (*Pseudocheirus peregrinus*) in bushland near Sydney. *Wildlife Research* 23: 99–108.
- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bach, C. (1998) *Birth Date Determination in Australasian Marsupials*. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Barnes, M. (2002) Sugar gliders. In L.J. Gage (Ed.) *Hand-Rearing Wild and Domestic Mammals*. Iowa State Press, Iowa, pp. 55–62.
- Barnett, J.L., How, R.A. & Humphrey, W.F. (1982) Habitat effects on organ weights, longevity and reproduction in the mountain brushtail possum, *Trichosurus caninus* (Ogilby). *Australian Journal of Zoology* 30: 23–32.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–58.
- Best, R.A. (1998) Seasonal alopecia in female ground cuscus (*Phalanger gymnotis*) in captivity. *Australian Mammalogy* 20: 415–18.
- Bettiol, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. (2000) Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 141–44.
- Biggins, J.G. & Overstreet, D.H. (1978) Aggressive and non-aggressive interactions among captive populations of the brush-tailed possum, *Trichosurus vulpecula* (Marsupialia: Phalangeridae). *Journal of Mammalogy* 59: 149–59.
- Biggins, J.G. (1984) Communications in possums: a review. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 35–57.
- Blyde, D. (1999) Advances of treating diseases of macropods. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 439–52.
- Booth, R. (1994) Medicine and husbandry: Dasyurids, possums and bats. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 423–41.
- Booth, R.J. (1999) General husbandry and medical care of sugar gliders. In J.D. Bonagura (Ed.) *Current Veterinary Therapy XIII*. Saunders & Co., Philadelphia, pp. 1157–63.
- Borsboom, A. (1982) Agonistic interactions between bats and arboreal marsupials. *Australian Mammalogy* 5: 281–82.
- Bowley, E.A. (1939) Delayed implantation in *Dromicia*. *Journal of Mammalogy* 20: 499.
- Bradley, A.J. & Stoddart, D.M. (1993) The dorsal paracloacal gland and its relationship with seasonal changes in cutaneous scent gland morphology and plasma androgen in the marsupial sugar glider (*Petaurus breviceps*) (Marsupialia; Petauridae). *Journal of Zoology* (London) 229: 331–46.
- Bradshaw, F., Everett, L. & Bradshaw, S.D. (2000) On the rearing of honey possums. *Western Australian Naturalist* 22: 281–88.
- Carmichael, T. (2000) Captive husbandry and rehabilitation of the striped possum *Dactylopsila trivirgata picata* in far north Queensland. In *Proceedings of the ARAZPA/ASZK Conference*. Sea World. March, pp. 106–19.
- Casanova, J. (1958) The dormouse or pigmy possum. *Walkabout* 24: 30–31.
- Caton, W. (1995) Hand-raising feathertail gliders. *Thylacinus* 20(2): 9–13.
- Caton, W. (1999) Growth and development of *Petaurus breviceps* (northern region) in captivity and some comparisons with *P. breviceps*. *Thylacinus* 23(2): 6–10.
- Chilcott, M.J. (1984) Coprophagy in the common ringtail possum, *Pseudocheirus peregrinus* (Marsupialia: Petauridae). *Australian Mammalogy* 7: 107–10.
- Chilcott, M.J. & Hume, I.D. (1985) Coprophagy and selective retention of fluid digesta: their role in the nutrition of the common ringtail possum. *Pseudocheirus peregrinus*. *Australian Journal of Zoology* 33: 1–15.
- Clark, M.J. (1967) Pregnancy in the lactating pygmy possum, *Cercartetus concinnus*. *Australian Journal of Zoology* 15: 673–83.
- Clout, M.N. (1982) Determining of age in the brushtail possum using sections from decalcified molar teeth. *New Zealand Journal of Zoology* 9: 405–8.
- Collins, L.R. (1973) *Monotremes and Marsupials*. Smithsonian Institution Press, Washington.
- Comport, S.S., Ward, S.J. & Foley, W.J. (1996) Home ranges, time budgets and food- tree use in a high-density tropical population of greater gliders, *Petauroides volans minor* (Pseudocheiridae: Marsupialia). *Wildlife Research* 23: 401–19.

- Cork, S.J. & Foley, W.J. (1991) Digestive and metabolic strategies of arboreal mammalian folivores in relation to chemical defences in temperate and tropical forests. In R.T. Palo & C.T. Robbins (Eds) *Plant Defences Against Mammalian Herbivory*. CRC Press, New York, pp. 133–66.
- Cowan, P.E. (1989) Changes in milk composition during lactation in the common brushtail possum, *Trichosurus vulpecula* (Marsupialia: Phalangeridae). *Reproduction, Fertility and Development* 1: 325–35.
- Cowan, P.E. & White, A.J. (1989) Evaluation of a tooth-wear age index for brushtail possums, *Trichosurus vulpecula*. *Australian Wildlife Research* 16: 321–22.
- Craig, S.A. (1985) Social organisation, reproduction and feeding behaviour of a population of yellow-bellied gliders, *Petaurus australis* (Petauridae: Marsupialia). *Australian Wildlife Research* 12: 1–18.
- Craig, S.A. (1986) A record of twins in the yellow-bellied glider (*Petaurus australis* Shaw) (Marsupialia: Petauridae) with notes on the litter size and reproductive strategy of the species. *Victorian Naturalist* 103: 72–74.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Crawley, M.C. (1970) Longevity of Australian brush-tailed opossums (*Trichosurus vulpecula*) in indigenous forest in New Zealand. *New Zealand Journal of Science* 13: 348–51.
- Crawley, M.C. (1973) A live trapping study of Australian brush-tailed possums, *Trichosurus vulpecula* (Kerr), in the Orongorongo Valley, Wellington, New Zealand. *Australian Journal of Zoology* 21: 75–90.
- Crisp, E.A., Cowan, P.E. & Messer, M. (1989) Changes in milk carbohydrates during lactation in the common brushtail possum, *Trichosurus vulpecula* (Marsupialia; Phalangeridae). *Reproduction, Fertility and Development* 4: 309–14.
- Curlewis, J.D. & Stone, G.M. (1986) Reproduction in captive brushtail possums, *Trichosurus vulpecula*. *Australian Journal of Zoology* 34: 47–52.
- Davey, S.M. (1984) Habitat preferences of arboreal marsupials within a coastal forest in southern new South Wales. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 509–16.
- De Mendonca, M.M. (1983) Bertiella deblocki nouveau cestode Anoplocephalidae D'un marsupial (*Phalanger orientalis* Storr) de Timor Leste. *Annales De Parasitologie Humaine Et Comparee* 58: 203–10.
- Dimpel, H. & Calaby, J.H. (1972) Further observations on the mountain pygmy possum (*Burramys parvus*). *Victorian Naturalist* 89: 101–6.
- Duckworth, J.A., Scobie, S., Jones, D.E. & Selwood, L. (1998) Determination of oestrous and mating in captive female brushtail possums, *Trichosurus vulpecula* (Marsupialia: Phalangeridae), from urine samples. *Australian Journal of Zoology* 46: 547–55.
- Dunn, R. W. (1982) Gliders of the genus *Petaurus*: their management in zoos. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 82–84.
- Dunnet, G.M. (1956) A live-trapping study of the brush-tailed possum *Trichosurus vulpecula*. *CSIRO Wildlife Research* 1: 1–18.
- Dunnet, G.M. (1964) A field study of local populations of the brush-tailed possum *Trichosurus vulpecula* in eastern Australia. *Proceedings of the Zoological Society of London* 142: 665–95.
- Dwiyahreni, A.A., Kinnaird, M.F., O'Brien, T.G., Supriatna, J. & Andayani, N. (1999) Diet and activity of the bear cuscus, *Ailurops ursinus*, in North Sulawesi, Indonesia. *Journal of Mammalogy* 80: 905–12.
- Dwyer, P.D. (1977) Notes on *Antechinus* and *Cercartetus* (Marsupialia) in the New Guinea highlands. *Proceedings of the Royal Society of Queensland* 88: 69–73.
- Eisenberg, J.F. (1981) *The Mammalian Radiations: An Analysis of Trends in Evolution, Adaptation, and Behaviour*. Athlone Press, London.
- Ellis, M. & Jones, B. (1992) Observations of captive and wild western ringtail possums *Pseudocheirus occidentalis*. *Western Australian Naturalist* 19: 1–9.
- Emlen, S.T. & Oring, L.W. (1977) Ecology, sexual selection, and the evolution of mating systems. *Science* 197: 215–23.
- Fairfax, R. A. (1982) Notes on the scaly-tailed possum *Wyulda squamicaudata* in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 73–74.
- Fanning, F.D. (1980) Nests of the feathertail glider *Acrobates pygmaeus* (Burramyidae: Marsupialia), from Sydney, New South Wales. *Australian Mammalogy* 3: 55–56.
- Fanning, F.D. & Watkins, K. (1980) Growth and development in *Acrobates pygmaeus* (Burramyidae: Marsupialia). *Australian Mammalogy* 3: 57–60.
- Flannery, T. (1995a) *Mammals of the South-West Pacific & Moluccan Islands*. Reed Books, Sydney.
- Flannery, T. (1995b) *Mammals of New Guinea*. 2nd Ed. Australian Museum/Reed Books, Sydney.
- Fleay, D. (1942) The remarkable striped possum. *Victorian Naturalist* 58: 151–55.
- Fleay, D. (1947) *Gliders of the Gum Trees*. Bread and Cheese Club, Melbourne.
- Fleay, D. (1949) That curious marsupial, the cuscus. *Animal Kingdom* 52: 22–25.
- Fleay, D. (1954) The squirrel glider. *Victorian Naturalist* 70: 208–10.
- Fleming, M.R. (1980) Thermoregulation and torpor in the sugar glider *Petaurus breviceps* (Marsupialia: Petauridae). *Australian Journal of Zoology* 28: 521–34.
- Fleming, M.R. & Frey, H. (1984) Aspects of the natural history of the feathertail glider, *Acrobates pygmaeus* (Marsupialia: Burramyidae) in Victoria. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 403–8.

- Fleming, M.R. (1985a) The thermal physiology of the mountain pygmy-possum *Burramys parvus* (Marsupialia: Burramyidae). *Australian Mammalogy* 8: 79–90.
- Fleming, M.R. (1985b) The thermal physiology of the feathertail glider *Acrobates pygmaeus* (Marsupialia: Burramyidae). *Australian Journal of Zoology* 33: 667–81.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- Foley, W.J., Kehl, J.C., Nagy, K.A., Kaplan, I.R. & Borsboom, A.C. (1990) Energy and water metabolism in free-living greater-gliders, *Petauroides volans*. *Australian Journal of Zoology* 38: 1–9.
- Freudenberger, D.O., Wallis, I. & Hume, I.D. (1989) Digestive adaptations of kangaroos, wallabies and rat kangaroos. In G.C. Grigg, P.J. Jarman & I.D. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Vol. 1. Surrey Beatty, Sydney, pp. 179–87.
- Fry, E. (1971) The scaly-tailed possum *Wyulda squamicaudata* in captivity. *International Zoo Yearbook* 11: 44–45.
- Geiser, F. (1987) Hibernation and daily torpor in two pygmy possums (*Cercartetus* spp., Marsupialia). *Physiological Zoology* 60: 93–102.
- Geiser, F., Sink, H.S., Stahl, B., Mansergh, I.M. & Broome, L.S. (1990) Differences in the physiological response to cold in wild and laboratory-bred mountain pygmy possums, *Burramys parvus* (Marsupialia). *Australian Wildlife Research* 17: 535–39.
- Geiser, F. & Broome, L.S. (1991) Hibernation in the mountain pygmy possum *Burramys parvus* (Marsupialia). *Journal of Zoology* (London) 223: 593–602.
- Geiser, F. (1993) Hibernation in the eastern pygmy possum, *Cercartetus nanus* (Marsupialia: Burramyidae). *Australian Journal of Zoology* 41: 67–75.
- Geiser, F. & Broome, L.S. (1993) The effect of temperature on the pattern of torpor in a marsupial hibernator. *Journal of Comparative Physiology B* 163: 133–37.
- Geiser, F. & Ferguson, C. (2001) Intraspecific differences in behaviour and physiology: effects of captive breeding on patterns of torpor in feathertail gliders. *Journal of Comparative Physiology B* 171: 569–76.
- Gemmell, R.T. (1990) The influence of day length on the initiation of the breeding season of the marsupial possum *Trichosurus vulpecula*. *Journal of Reproduction and Fertility* 88: 605–9.
- Gemmell, R.T. & Sernia, C. (1992) The role of photoperiod on the initiation of the breeding season possum *Trichosurus vulpecula*. *Journal of Reproduction and Fertility* 95: 701–8.
- Gemmell, R.T. & Hendrikz, J.K. (1993) Growth rates of the bandicoot *Isodon macrourus* and the brushtail possum *Trichosurus vulpecula*. *Australian Journal of Zoology* 41: 141–49.
- Gemmell, R.T., Cepen, G. & Sernia, C. (1993) Effect of photoperiod on the breeding season of the marsupial possum, *Trichosurus vulpecula*. *Journal of Reproduction and Fertility* 98: 515–20.
- Gemmell, R.T. (1995) Breeding biology of brushtail possums *Trichosurus vulpecula* (Marsupialia, Phalangeridae) in captivity. *Australian Mammalogy* 18: 1–7.
- George, G.G. (1982) Cuscuses *Phalanger* spp.: their management in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 67–72.
- George, G. (1990) Monotreme and marsupial breeding programs in Australian Zoos. In J.A. Marshall Graves, R.M. Hope & D.W. Cooper (Eds) *Mammals from Pouches and Eggs*. CSIRO, Melbourne, pp. 39–63.
- George, H., Parker, G. & Coote, P. (1995) Common wombats: Rescue rehabilitation release. Unpublished manuscript.
- Goldingay, R.L. (1984) Photoperiodic control of diel activity in the Sugar glider (*Petaurus breviceps*). In A.P. Smith & I. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 385–91.
- Goldingay, R.L., Carthew, S.M. & Whelan, R.J. (1987) Transfer of *Banksia spinulosa* pollen by mammals: implications for pollination. *Australian Journal of Zoology* 35: 319–25.
- Goldingay, R.L. & Kavanagh, R.P. (1990) Socioecology of the yellow-bellied glider (*Petaurus australis*) at Waratah Creek, NSW. *Australian Journal of Zoology* 38: 327–41.
- Goldingay, R.L. & Kavanagh, R.P. (1991) The yellow-bellied glider: a review of its ecology and management considerations. In D. Lunney (Ed.) *Conservation of Australia's Forest Fauna*. Royal Zoological Society of NSW, Sydney, pp. 365–75.
- Goldingay, R.L. (1992) Socioecology of the yellow-bellied glider (*Petaurus australis*) in a coastal forest. *Australian Journal of Zoology* 40: 267–78.
- Goldingay, R.L. (1994) Loud calls of the yellow-bellied glider, *Petaurus australis*: Territorial behaviour by an arboreal marsupial. *Australian Journal of Zoology* 42: 279–93.
- Goldingay, R.L. & Kavanagh, R.P. (1995) Foraging behaviour and habitat use of the feathertail glider (*Acrobates pygmaeus*) at Waratah Creek, New South Wales. *Wildlife Research* 22: 457–70.
- Goldingay, R.L., Quin, D.G. & Churchill, S. (2001) Spatial variability in the social organisation of the yellow-bellied glider (*Petaurus australis*) near Ravenshoe, north Queensland. *Australian Journal of Zoology* 49: 397–409.
- Green, B. (1984) Composition of milk and energetics of growth in marsupials. *Symposia of the Zoological Society of London* 51: 369–87.
- Green, R.H. (1980) The little pigmy possum, *Cercartetus lepidus* in Tasmania. *Records of the Queen Victoria Museum, Launceston* 68: 1–12.
- Green, W.Q. & Coleman, J.D. (1987) Den sites of possums, *Trichosurus vulpecula*, and frequency of use in mixed hardwood forest in Westland, New Zealand. *Australian Wildlife Research* 14: 285–92.

- Gross, R. & Bolliger, A. (1959) Composition of the milk of the marsupial *Trichosurus vulpecular*. *American Journal of Diseases of Children* 98: 768–75.
- Gunn, R.C. (1851) On the introduction and naturalization of *Petaurus sciueus* in Tasmania. *Papers and Proceedings of the Royal Society of Van Dieman's Land*. 1: 253–55.
- Haffenden, A. (1984) Breeding, growth and development in the Herbert River Ringtail Possum, *Pseudocheirus herbertensis herbertensis* (Marsupialia: Petauridae). In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 277–81.
- Handasyde, K.A. & Martin, R.W. (1996) Field observations on the common striped possum (*Dactylopsila trivirgata*) in North Queensland. *Wildlife Research* 23: 755–66.
- Handasyde, K.A., Taggart, D.A., Temple-Smith, P.D. & Martin, R.W. (2001) Data on reproduction, development and growth in the striped possum, *Dactylopsila trivirgata*. Abstract. *Possum and Glider Symposium*. Queensland Museum, Brisbane.
- Hawkins, M.R. (1999) The use of gum feeders: looking at device design and responses from marsupial species. *Thylacinus* 23(2): 27–31.
- Heinze, D.A. & Olejniczak, A.M. (2000) First observations of the mountain pygmy-possum *Burramys parvus* nesting in the wild. *Australian Mammalogy* 22: 65–67.
- Henry, S.R. (1984) Social organisation of the greater glider (*Petauroides volans*) in Victoria. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 221–28.
- Henry, S.R. & Craig, S.A. (1984) Diet, ranging behaviour and social organisation of the yellow-bellied glider (*Petaurus australis* Shaw) in Victoria. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 331–41.
- Henry, S.R. & Suckling, G. (1984) A review of the ecology of the sugar glider (*Petaurus breviceps*). In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 355–58.
- Henry, S. (1985) The diet and socioecology of gliding possums in southern Victoria. PhD Thesis. Monash University, Victoria.
- Hickman, V.V. & Hickman, J.L. (1960) Notes on the habits of the Tasmanian dormouse *Cercartetus nanus* (Desmarest) and *Eudromica lepida* (Thomas). *Proceedings of the Zoological Society of London* 135: 365–74.
- Hide, R.L., Pernetta, J.C. & Senabe, T. (1984) Exploitation of wild animals. In *The Research Report of the Simbu Land Use Project*, Vol. 4. *South Simbu: studies in Demography, Nutrition, and Subsistence*. I.A.S.E.R. Port Moresby, pp. 291–380.
- Hill, J.P. (1900) Contributions to the morphology and development of the female urogenital organs in the Marsupialia. *Proceedings of the Linnean Society of NSW* 25: 519–32.
- Holland, G.J. (2001) Opportunistic vertebrate predation by the squirrel glider *Petaurus norfolcensis*. *Victorian Naturalist* 118: 123–26.
- Holz, P. (1992) Immobilisation of marsupials with tiletamine and zolazepam. *Journal of Zoo and Wildlife Medicine* 23: 426.
- How, R.A. (1976) Reproduction, growth and survival of young in the mountain brushtail possum, *Trichosurus caninus* (Marsupialia). *Australian Journal of Zoology* 24: 189–99.
- How, R.A. (1981) Population parameters of two congeneric possums, *Trichosurus* spp. in north-eastern New South Wales. *Australian Journal of Zoology* 29: 205–15.
- How, R.A., Barnett, J.L., Bradley, A.J., Humphreys, W.F. & Martin, R. (1984) The population biology of *Pseudocheirus peregrinus* in a *Leptospermum laevigatum* thicket. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 261–88.
- How, R.A. & Kerle, J.A. (1995) Brushtail possum *Trichosurus vulpecula*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 273–75.
- Howard, J. (1989) Diet of *Petaurus breviceps* (Marsupialia: Petauridae) in a mosaic of coastal woodland and heath. *Australian Mammalogy* 12: 15–21.
- Huang, C, Ward, S. & Lee, A.K. (1987) Comparison of the diets of the feathertail glider, *Acrobates pygmaeus*, and the eastern pygmy-possum, *Cercartetus nanus* (Marsupialia: Burramyidae) in sympatry. *Australian Mammalogy* 10: 47–50.
- Hughes, R.L., Thomson, J.A. & Owen, W.H. (1965) Reproduction in natural populations of the Australian ringtail possum, *Pseudocheirus peregrinus*, in Victoria. *Australian Journal of Zoology* 13: 383–406.
- Hume, I.D., Foley, W.J. & Chilcott, M.J. (1984) Physiological mechanism of foliage digestion in the greater glider and ringtail possum (Marsupialia: Petauridae). In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 247–51.
- Hume, I.D. (1999) *Marsupial Nutrition*. Cambridge University Press, Cambridge.
- Humphreys, W.F., How, R.A., Bradley, A.K., Kemper, C.M. & Kitchener, D.J. (1984) The biology of *Wyulda squamicaudata*, Alexander 1919. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 162–69.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jackson, S.M. (2000a) Population dynamics and life history of the mahogany glider, *Petaurus gracilis*, and the sugar glider, *Petaurus breviceps*, in North Queensland. *Wildlife Research* 27: 21–37.
- Jackson, S.M. (2000b) Home-range and den use of the mahogany glider, *Petaurus gracilis*. *Wildlife Research* 27: 49–60.

- Jackson, S.M. (2001) Foraging behaviour and food availability of the mahogany glider *Petaurus gracilis* (Petauridae: Marsupialia). *Journal of Zoology* (London) 253: 1–13.
- Jackson, S.M. & Johnson, C.N. (2002) Time allocation to foraging in the mahogany glider *Petaurus gracilis* (Marsupialia, Petauridae) and a comparison of activity times in exudivorous and folivorous possums and gliders. *Journal of Zoology* (London) 256: 271–77.
- Jolly, S.E., Morris, G.A., Scobie, S. & Cowan, P.E. (1996) Composition of milk of the common brushtail possum, *Trichosurus vulpecula* (Marsupialia: Phalangeridae); concentrations and elements. *Australian Journal of Zoology* 44: 479–86.
- Jones, C.J. & Geiser, F. (1992) Prolonged and daily torpor in the feathertail glider, *Acrobates pygmaeus* (Marsupialia: Acrobatidae). *Journal of Zoology* (London) 227: 101–8.
- Jones, B.A., How, R.A. & Kitchener, D.J. (1994) A field study of *Pseudocheirus occidentalis* (Marsupialia: Petauridae). II. Population studies. *Wildlife Research* 21: 189–201.
- Justice, K.E. & Smith, F.A. (1992) A model of dietary fibre utilisation by small mammalian herbivores, with empirical results for *Neotoma*. *American Naturalist* 139: 398–416.
- Kavanagh, R.P. & Rohan-Jones, W.G. (1982) Calling behaviour of the yellow-bellied glider, *Petaurus australis* Shaw (Marsupialia: Petauridae). *Australian Mammalogy* 5: 95–111.
- Kavanagh, R.P. & Lambert, M.J. (1990) Food selection by the greater glider, *Petauroides volans*: is foliar nitrogen a determinant of habitat quality? *Australian Wildlife Research* 17: 285–99.
- Kean, R.I. (1967) Behaviour and territorialism in *Trichosurus vulpecula* (Marsupialia). *Proceedings of the New Zealand Ecological Society* 14: 71–78.
- Kellas, S. & Kellas B. (1999) Letter to the editor. *Land For Wildlife News*. 4: 3.
- Kerle, J.A. (1984a) The behaviour of *Burramys parvus* (Marsupialia) in captivity. *Mammalia* 48: 317–25.
- Kerle, J.A. (1984b) Growth and development of *Burramys parvus* in captivity. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 409–12.
- Kerle, J.A. & Howe, C.J. (1992) The breeding biology of a tropical possum, *Trichosurus vulpecula arnhemensis* (Phalangeridae: Marsupialia). *Australian Journal of Zoology* 40: 653–65.
- Kleiman, D.G. (1977) Monogamy in mammals. *Quarterly Review of Biology* 52: 39–69.
- Klettenheimer, B.S., Temple-Smith, P.D. & Sofronidis, G. (1997) Father and son sugar gliders: more than a genetic coalition? *Journal of Zoology* (London) 242: 741–50.
- Kortner, G. & Geiser, F. (1996) Hibernation in the alpine mountain pygmy possum *Burramys parvus* in the Australian alps. In G. Kortner & F. Geiser (Eds) *Adaptations to the Cold: Tenth International Hibernation Symposium*. University of New England Press, Armidale, pp. 31–38.
- Lee, A.K. & Cockburn, A. (1985) *Evolutionary Ecology of Marsupials*. Cambridge University Press, Cambridge.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Lindenmayer, D.B., Warneke, R.M., Linga, T., Meggs, R.A. & Seebeck, J.H. (1991) A note on the longevity of the mountain brushtail possum, *Trichosurus caninus* in the montane ash forests of the central highlands of Victoria. *Victorian Naturalist* 108: 4–5.
- Lindenmayer, D.B., Tanton, M.T. & Viggers, K.L. (1994) Fur inhabiting ectoparasites of Leadbeater's possum, *Gymnobelideus leadbeateri* (Marsupialia: Petauridae). *Australian Mammalogy* 17: 109–11.
- Lynch, M. (1995) An investigation of the diet of captive Leadbeater's possum, *Gymnobelideus leadbeateri*. In P. Myroniuk (Ed.) *International Studbook for Leadbeater's possum*. Zoological Parks Board of Victoria, Parkville, pp. 47–54.
- Lyne, A.G. & Verhagen, A.M.W. (1957) Growth of the marsupial *Trichosurus vulpecula* and a comparison with some higher mammals. *Growth* 21: 167–95.
- Lyne, A.G., Pilton, P.E. & Sharman, G.B. (1959) Oestrous cycle, gestation period and parturition in the marsupial *Trichosurus vulpecula*. *Nature* 183: 622–23.
- McKay, G.M. (1988a) Phalangeridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 81–86.
- McKay, G.M. (1988b) Petauridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 87–97.
- McKay, G.M. (1988c) Burramyidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 98–102.
- McKay, G.M. (1988d) Tarsipedidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia. 5. Mammalia*. Australian Government Publishing Service, Canberra, pp. 103–4.
- MacLean, L. (1967) A note on the longevity and territoriality of *Trichosurus vulpecula* (Kerr) in the wild. *CSIRO Wildlife Research* 12: 81–82.
- MacPherson, C. (1997) *Sugar Gliders: A Complete Pet Owners Manual*. Barron's Educational Series, New York.
- Mallick, J., Stoddart, D.M., Jones, I. & Bradley, A.J. (1994) Behavioural and endocrinological correlates of social status in the male sugar glider (*Petaurus breviceps*, Marsupialia; Petauridae). *Physiology and Behaviour* 55: 1131–34.
- Mansergh, I. & Walsh, N.G. (1983) Observations on the mountain pygmy possum *Burramys parvus* on Mt. Higginbotham, Victoria. *Victorian Naturalist* 100: 106–15.
- Mansergh, I., Kelly, P. & Scotts, D.J. (1988) Management strategy and guidelines for the conservation of *Burramys parvus* in Victoria. Arthur Rylah Institute. Environmental Research Report Series 66.

- Mansergh, I. & Scotts, D. (1989) Habitat continuity and social organisation of the mountain pygmy possum restored by tunnel. *Journal of Wildlife Management* 53: 701–7.
- Mansergh, I.M. & Scotts, D.J. (1990) Aspects of the life history and breeding biology of the mountain pygmy-possum (*Burramys parvus*) (Marsupialia: Burramyidae) in alpine Victoria. *Australian Mammalogy* 13: 179–92.
- Mansergh, I., Baxter, B., Scotts, D., Brady, T. & Jolley, D. (1990) Diet of the mountain pygmy-possum, *Burramys parvus* (Marsupialia: Burramyidae) and other small mammals in the alpine environment at Mt. Higginbotham, Victoria. *Australian Mammalogy* 13: 167–77.
- Mansergh, I. & Broome, L. (1994) *The Mountain Pygmy Possum of the Australian Alps*. University of New South Wales Press, Sydney.
- Marples, T.J. (1973) Studies on the marsupial glider, *Schoinobates volans* (Kerr). IV. Feeding Biology. *Australian Journal of Zoology* 21: 213–16.
- Martin, J.K., Handasyde, K.A., Taylor, A.C. & Coulson, G. (2001) The mating system of the bobuck, *Trichosurus caninus* in north-eastern Victoria. Abstract. *Possum and Glider Symposium*. Queensland Museum, Brisbane.
- Maxwell, S., Burbidge, A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. IUCN/SSC Australasian Marsupial and Monotreme Specialist Group. Wildlife Australia. Canberra.
- Menkhorst, P.W. (1984a) The use of nest boxes by forest vertebrates in Gippsland: acceptance, preference and demand. *Australian Wildlife Research* 11: 255–64.
- Menkhorst, P.W. (1984b) The application of nest boxes in research and management of possums and gliders. In A.P. Smith & I.D. Hume (Eds.) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 517–25.
- Menkhorst, P.W. & Collier, M. (1988) Diet of the squirrel glider, *Petaurus norfolcensis* (Marsupialia: Petauridae), in Victoria. *Australian Mammalogy* 11: 109–116.
- Menzies, J. (1972) Notes on a hand-reared spotted cuscus *Phalanger maculatus*. *International Zoo Yearbook* 12: 97–98.
- Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. (2000) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from captive mainland Australian eastern barred bandicoot (*Perameles gunnii*). *Journal of Wildlife Diseases* 36: 213–18.
- Millis, A.L. & Bradley, A.J. (2001) Reproduction in the squirrel glider, *Petaurus norfolcensis* (Petauridae) in south-east Queensland. *Australian Journal of Zoology* 49: 139–54.
- Mitchell, P.C. (1911) On longevity and relative viability in mammals and birds; with a note on the theory of longevity. *Proceedings of the Zoological Society of London* 1911: 425–548.
- Morrison, R.G.B. (1978) An observation of ground nesting in sugar gliders. *South Australian Naturalist* 52: 54–55.
- Munday, B.L. (1988) Marsupial diseases. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 299–365.
- Munks, S.A., Green, B., Newgrain, K. & Messer, M. (1991) Milk composition in the common ringtail possum, *Pseudocheirus peregrinus* (Petauridae: Marsupialia). *Australian Journal of Zoology* 39: 403–16.
- Murphy, J.A., Phillips, B.T. & Macreadie, B. (2003) Husbandry and breeding of the eastern pygmy possum *Cercartetus nanus* at Healesville Sanctuary. *International Zoo Yearbook* 38: 173–78.
- Ong, P.S. (1994) The social organisation of the common ringtail possum *Pseudocheirus peregrinus* Boddaert 1785. PhD Thesis. Monash University, Melbourne.
- Pahl, L.I. (1987a) Feeding behaviour and diet of the common ringtail possum, *Pseudocheirus peregrinus*, in *Eucalyptus* woodland and *Leptospermum* thickets in southern Victoria. *Australian Journal of Zoology* 35: 487–506.
- Pahl, L.I. (1987b) Survival, age determination and population age structure of the common ringtail possum, *Pseudocheirus peregrinus*, in *Eucalyptus* woodland and *Leptospermum* thickets in southern Victoria. *Australian Journal of Zoology* 35: 625–39.
- Pahl, L.I. & Lee, A.K. (1988) Reproductive traits of two populations of the common ringtail possum, *Pseudocheirus peregrinus*, in Victoria. *Australian Journal of Zoology* 36: 83–97.
- Pepper-Edwards, D.L. (1988) The establishment, maintenance and breeding of feathertail gliders in captivity. Unpublished manuscript.
- Pilton, P.E. & Sharman, G.B. (1962) Reproduction in the marsupial *Trichosurus vulpecula*. *Journal of Endocrinology* 25: 119–36.
- Presidente, P. J. A. (1982a) Common brushtail possum *Trichosurus vulpecula*: maintenance in captivity, blood values, diseases and parasites. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 55–66.
- Presidente, P.J.A. (1982b) Common ringtail possum *Pseudocheirus peregrinus*: maintenance in captivity, blood values and diseases. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 75–81.
- Presidente, P.J.A., Barnett, J.L., How, R.A., & Humphrey, W.F. (1982) Effects of habitat, host sex, and age on the parasites of *Trichosurus caninus* (Marsupialia: Phalangeridae) in north-eastern New South Wales. *Australian Journal of Zoology* 30: 33–47.
- Presidente, P.J.A. (1984) Parasites and diseases of brushtail possums (*Trichosurus* spp.): Occurrence and significance. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 171–90.
- Quin, D.G. (1995) Population ecology of the squirrel glider (*Petaurus norfolcensis*) and the sugar glider (*P. breviceps*) (Marsupialia: Petauridae) at Limeburners Creek, on the

- central north coast of New South Wales. *Wildlife Research* 22: 471–507.
- Quin, D., Goldingay, R., Churchill, S. & Engel, D. (1996) Feeding behaviour and food availability of the yellow-bellied glider in North Queensland. *Wildlife Research* 23: 637–46.
- Rawlins, D.R. & Handasyde, K.A. (2002) The feeding ecology of the striped possum *Dactylopsila trivirgata* (Marsupialia: Petauridae) in far north Queensland, Australia. *Journal of Zoology* (London) 257: 195–206.
- Renfree, M.B. (1980) Embryonic diapause in the honey possum, *Tarsipes spenceriae*. *Search* 11: 81.
- Renfree, M.B., Russell, E.M. & Wooller, R.D. (1984) Reproduction and life history of the honey possum *Tarsipes rostratus*. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 427–37.
- Richardson, K.C., Wooller, R.D., R.D. & Collins, B.G. (1986) Adaptations to a diet of nectar and pollen in the marsupial *Tarsipes rostratus* (Marsupialia: Tarsipedidae). *Journal of Zoology* (London) 208: 285–97.
- Roberts, M., Phillips, L. & Kohn, F. (1990) Common ringtail possum (*Pseudocheirus peregrinus*) as a management model for the Pseudocheiridae: reproductive scope, behaviour, and biomedical values on a browse-free diet. *Zoo Biology* 9: 25–41.
- Roberts, M. & Kohn, F. (1991) A technique for obtaining early life history data in pouched marsupials. *Zoo Biology* 10: 81–86.
- Rose, K. (1999) Common diseases of urban wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 365–427.
- Runcie, M.J. (1999) Movements, dens and feeding behaviour of the tropical scaly-tailed possum (*Wyulda squamicaudata*). *Wildlife Research* 26: 367–73.
- Runcie, M.J. (2000) Biparental obligate monogamy in the rock-haunting possum, *Petropseudes dahli*, from tropical Australia. *Animal Behaviour* 59: 1001–8.
- Russell, R. (1983) Yellow-bellied glider *Petaurus australis*. In R. Strahan (Ed.) *The Complete Book of Australian Mammals*. Angus & Robertson, Sydney, pp. 136.
- Russell, R. (1984) Social behaviour of the yellow-bellied glider, *Petaurus australis*, in north Queensland. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 343–53.
- Russell, E.M. (1986) Observations on the behaviour of the honey possum *Tarsipes rostratus* (Marsupialia: Tarsipedidae) in captivity. *Australian Journal of Zoology Supplementary Series* 121: 1–63.
- Russell, E.M. & Renfree, M.B. (1989) Tarsipedidae. In D.W. Walton & B. Richardson (Eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 769–82.
- Russell, R. (1995) Yellow-bellied glider *Petaurus australis*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 226–28.
- Sadler, L.M. & Ward, S.J. (1999) Coalitions in male sugar gliders: are they natural? *Journal of Zoology* (London) 248: 91–96.
- Sharman, G.B. (1962) The initiation and maintenance of lactation in the marsupial *Trichosurus vulpecula*. *Journal of Endocrinology* 25: 375–85.
- Shoemaker, A.H. & Croxton, J.M. (1982) Husbandry and reproduction of the ground cuscus *Phalanger gymnotis* in captivity. *International Zoo Yearbook* 22: 176–80.
- Slater, G. (1985) Handrearing five feathertail gliders. *Thylacinus* 10(2): 6–8.
- Slater, G. (1997) Longevity of yellow-bellied glider *Petaurus australis*. *Victorian Naturalist* 114(5): 241.
- Smith, A.P. (1980) The diet and ecology of Leadbeater's possum and the sugar glider. PhD Thesis. Monash University, Melbourne.
- Smith, A.P. (1982a) Is the striped possum (*Dactylopsila trivirgata*; Marsupialia, Petauridae) an arboreal anteater? *Australian Mammalogy* 5: 229–34.
- Smith, A.P. (1982b) Diet and feeding strategies of the marsupial sugar glider in temperate Australia. *Journal of Animal Ecology* 51: 149–66.
- Smith, A.P. & Russell, R.P. (1982) Diet of the yellow-bellied glider *Petaurus australis* (Marsupialia: Petauridae) in north Queensland. *Australian Mammalogy* 5: 41–45.
- Smith, A.P. (1984a) Diet of Leadbeater's possum, *Gymnobelideus leadbeateri* (Marsupialia). *Australian Wildlife Research* 11: 265–73.
- Smith, A.P. (1984b) Demographic consequences of reproduction, dispersal and social interaction in a population of Leadbeater's possum. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 359–73.
- Smith, A.P. & Lee, A. (1984) The evolution of strategies for survival and reproduction in possums and gliders. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 17–33.
- Smith, A.P. (1986) Stomach contents of the long-tailed pygmy possum *Cercartetus caudatus* (Marsupialia: Burramyidae). *Australian Mammalogy* 9: 135–37.
- Smith, A.P. (1995a) Leadbeater's possum *Gymnobelideus leadbeateri*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 224–26.
- Smith, B. (1995b) *Caring for Possums*. Kangaroo Press, Sydney.
- Smith, M.J., Brown, B.K. & Frith, H.J. (1969) Breeding of the brushtail possum, *Trichosurus vulpecula* (Kerr), in NSW. *CSIRO Wildlife Research* 14: 181–93.
- Smith, M.J. (1971) Breeding the sugar-glider *Petaurus breviceps* in captivity; and growth of pouch young. *International Zoo Yearbook* 11: 26–28.
- Smith, M.J. (1973) *Petaurus breviceps*. *Mammalian Species* 30: 1–5.

- Smith, M.J. (1979) Observations on growth of *Petaurus breviceps* and *P. norfolcensis* (Petauridae: Marsupialia) in captivity. *Australian Wildlife Research* 6: 141–60.
- Smith, M.J. & How, R.A. (1973) Reproduction in the mountain possum, *Trichosurus caninus* (Ogilby), in captivity. *Australian Journal of Zoology* 21: 321–29.
- Smith, R.F.C. (1969) Studies on the marsupial glider, *Schoinobates volans* (Kerr). I. Reproduction. *Australian Journal of Zoology* 17: 625–36.
- Speare, R., Haffenden, A.T., Daniels, P.W., Thomas, A.D. & Seawright, C.D. (1984) Disease of the Herbert River ringtail, *Pseudocheirus herbertensis* and other north Queensland rainforest possums. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 283–302.
- Spencer, P.B.S. (1996) Coping with a naturally fragmented environment: a genetic and ecological study of the allied rock wallaby, *Petrogale assimilis*. PhD Thesis. James Cook University, Townsville.
- Spielman, D. (1994) First aid emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Spratt, D.M., Beveridge, I. & Walter, E.L. (1990) A catalogue of Australasian monotremes and marsupials and their recorded parasites. *Records of the South Australian Museum Monograph Series* No. 1: 30.
- Stanley, R.G. & Linskins, H.F. (1974) *Pollen – Biology, Biochemistry, and Management*. Springer-Verlag, Berlin.
- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Stoddart, D.M., Bradley, A.J. & Mallick, J. (1994) Plasma testosterone concentration, body weight, social dominance and scent marking in male marsupial sugar gliders (*Petaurus breviceps*; Marsupialia: Petauridae). *Journal of Zoology* (London) 232: 595–601.
- Suckling, G.C. (1984) Population ecology of the sugar glider, *Petaurus breviceps*, in a system of fragmented habitats. *Australian Wildlife Research* 11: 49–75.
- Suckling, G.C. (1995) Sugar glider *Petaurus breviceps*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 234–35.
- Taggart, D.A., Breed, W.G., Temple-Smith, P.D., Purvis, A. & Shimmin, G. (1998) Reproduction, mating strategies and sperm competition in marsupials and monotremes. In T.R. Birkhead & A.P. Moller (Eds) *Sperm Competition and Sexual Selection*. Academic Press, London, pp. 623–65.
- Thomson, J.A. & Owen, W.H. (1964) A field study of the Australian ringtail possum *Pseudocheirus peregrinus* (Marsupialia: Phalangeridae). *Ecological Monographs* 34: 27–52.
- Troughton, E. (1941) *Furred Animals of Australia*. Angus & Robertson, Sydney.
- Turner, V. (1983) Eastern pygmy-possum *Cercartetus nanus*. In R. Strahan (Ed.) *The Complete Book of Australian Mammals*. Angus & Robertson, Sydney, p. 160.
- Turner, V. (1984a) Eucalyptus pollen in the diet of the feathertail glider, *Acrobates pygmaeus* (Marsupialia: Burramyidae). *Australian Wildlife Research* 11: 77–81.
- Turner, V. (1984b) *Banksia* pollen as a source of protein in the diet of two Australian marsupials *Cercartetus nanus* and *Tarsipes rostratus*. *Oikos* 43: 53–61.
- Tyndale-Biscoe, C.H. & Smith, R.F.C. (1969) Studies in the marsupial glider, *Schoinobates volans* (Kerr). II. Populational structure and regulatory mechanisms. *Journal of Animal Ecology* 38: 637–50.
- van der Ree, R. (2002) The population ecology of the squirrel glider, *Petaurus norfolcensis*, within a network of remnant linear habitats. *Wildlife Research* 29: 329–40.
- Van Dyck, S. (1993) The taxonomy and distribution of *Petaurus gracilis* (Marsupialia: Petauridae), with notes on its ecology and conservation status. *Memoirs of the Queensland Museum* 33: 77–122.
- Van Dyck, S. (1995) Striped possum *Dactylopsila trivirgata*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 222–23.
- Van Soest, P.J. (1982) *Nutritional Ecology of the Ruminant*. Durham and Downey, Portland.
- Viggers, K.L. & Spratt, D.M. (1995) The parasites recorded from *Trichosurus* species (Marsupialia: Phalangeridae). *Wildlife Research* 22: 311–32.
- Viggers, K.L., Lindenmayer, D.B., Cunningham, R.B. & Donnelly, C.F. (1998) Estimating body condition in the mountain brushtail possum, *Trichosurus caninus*. *Wildlife Research* 25: 499–509.
- Viggers, K.L. & Lindenmayer D.B. (2000) A population study of the mountain brushtail possum (*Trichosurus caninus*) in the central highlands of Victoria. *Australian Journal of Zoology* 48: 201–16.
- Vogelneust, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Vose, H.M. (1973) Feeding habits of the Western Australian honey possum, *Tarsipes spenserae*. *Journal of Mammalogy* 54: 245–50.
- Wakefield, N.A. (1970) Notes on Australian pigmy possums (*Cercartetus*, Phalangeridae, Marsupialia). *Victorian Naturalist* 7: 11–18.
- Wang, L.C.H. (1989) Ecological, physical and biochemical aspects of torpor in mammals and birds. In L.C.H. Wand (Ed.) *Advances in Comparative and Environmental Physiology*. Vol. 4. Springer Verlag, Berlin, pp. 361–401.
- Ward, S. (1988) Life histories of the small diprotodont marsupials. PhD Thesis. Monash University, Victoria.
- Ward, S.J. & Renfree, M.B. (1988) Reproduction in females of the feathertail glider, *Acrobates pygmaeus*

- (Shaw)(Marsupialia). *Journal of Zoology* (London) 216: 225–39.
- Ward, S.J. (1990a) Life history of the feathertail glider, *Acrobates pygmaeus* (Acrobatidae: Marsupialia), in south-eastern Australia. *Australian Journal of Zoology* 38: 503–17.
- Ward, S.J. (1990b) Life history of the eastern pygmy possum, *Cercartetus nanus* (Burramyidae: Marsupialia), in south-eastern Australia. *Australian Journal of Zoology* 38: 287–304.
- Ward, S.J. (1990c) Reproduction in the western pygmy-possum, *Cercartetus concinnus* (Marsupialia: Burramyidae), with notes on reproduction of some other small possum species. *Australian Journal of Zoology* 38: 423–38.
- Ward, S.J. (1992) Life history of the little pygmy-possum, *Cercartetus lepidus* (Marsupialia: Burramyidae), in the Big Desert, Victoria. *Australian Journal of Zoology* 40: 43–55.
- Westman, W. & Geiser, F. (in press) Captive breeding, growth, and development of thermoregulation in the eastern pygmy-possum (*Cercartetus nanus*). In R.L. Goldingay & S.M. Jackson (Eds) *Biology of Australian Possums And Gliders*. Surrey Beatty, Sydney.
- Winter, J.W. (1966) Bird predation by the Australian marsupial squirrel glider. *Journal of Mammalogy* 47: 530.
- Winter, J.W. (1980) Tooth wear as an age index in a population of the brush-tailed possum, *Trichosurus vulpecula* (Kerr). *Australian Wildlife Research* 7: 359–63.
- Winter, J.W. & Atherton, R.G. (1984) Social group size in north Queensland ringtail possums of the genera *Pseudocheirus* and *Hemibelideus*. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Surrey Beatty & Sons, Sydney, pp. 311–19.
- Winter, J.W. & Leung, L.K-P. (1995) Spotted cuscus *Spiloglossus maculatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 266–68.
- Withers, P.C., Richardson, K.C. & Wooller, R.D. (1990) Metabolic physiology of euthermic and torpid honey possums, *Tarsipes rostratus*. *Australian Journal of Zoology* 37: 685–93.
- Woods, R. (1999) Prevention of disease in hand reared native wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 455–89.
- Woodside, D.P. (1995) Feathertail glider *Acrobates pygmaeus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 262–64.
- Wooller, R.D., Renfree, M.B., Russell, E.M., Dunning, A., Green, S.W. & Duncan, P. (1981) Seasonal changes in a population of the nectar-feeding marsupial *Tarsipes spencerae* (Marsupialia: Tarsipedidae). *Journal of Zoology* (London) 195: 267–79.
- Wooller, R.D., Russell, E.M., Renfree, M.B. & Towers, P.A. (1983) A comparison of seasonal changes in the pollen loads of nectarivorous marsupials and birds. *Australian Wildlife Research* 10: 311–17.
- Wooller, R.D., Richardson, K.C. & Bradley, G.O. (1999) Dietary constraints upon reproduction in an obligate pollen and nectar-feeding marsupial, the honey possum (*Tarsipes rostratus*). *Journal of Zoology* (London) 248: 279–87.
- Wooller, R.D., Richardson, K.C., Garavanta, C.A.M., Saffer, V.M. & Bryant, K.A. (2000) Opportunistic breeding in the polyandrous honey possum, *Tarsipes rostratus*. *Australian Journal of Zoology* 48: 669–80.
- Zuckerman, S. (1953) The breeding seasons of mammals in captivity. *Proceedings of the Zoological Society of London* 122: 827–950.

## Chapter 9 – Macropods

- Andrewartha, H.G. & Barker, S. (1969) Introduction to a study of the ecology of the Kangaroo Island wallaby, *Protemnodon eugenii* (Desmarest) within Flinders Chase, Kangaroo Island, South Australia. *Transactions of the Royal Society of South Australia* 93: 127–32.
- Arlidge, J. (1992) Heat stress to capture myopathy. *Thylacinus* 17(4): 5.
- Arlidge, J. & Srb, C. (1992) Macropod Identification. *Thylacinus* 17: 18–19.
- Arnold, G.W., Steven, D., Weeldenburg, J. & Brown, O.E. (1986) The use of alpha-chloralose for the repeated capture of western grey kangaroos, *Macropus fuliginosus*. *Australian Wildlife Research* 13: 527–33.
- Austin, M.A. (1997) *A Practical Guide to the Successful Handrearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Bach, C. (1998) *Birth Date Determination in Australasian Marsupials*. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Barker, S.C. (1990) Behaviour and social organisation of the allied rock-wallaby *Petrogale assimilis*, Ramsay 1877 (Marsupialia: Macropodidae). *Australian Wildlife Research* 17: 301–11.
- Batchelor, T.A. (1980) The social organisation of the brush-tailed rock-wallaby (*Petrogale penicillata penicillata*) on Motutapu Island. MSc Thesis. University of Auckland, New Zealand.
- Bates, P.C., Bigger, T.R.L., Hulse, E.V. & Palmer, A. (1972) The management of a small colony of the marsupial *Potorous tridactylus* and a record of its breeding in captivity. *Laboratory Animals* 6: 301–13.
- Bell, J.N., Close, R.L. & Johnson, P.M. (1989) Testicular development in the allied rock-wallaby *Petrogale assimilis*. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Surrey Beatty & Sons, Sydney, pp. 419–22.
- Bellamy, T. (1992) Marsupial handrearing. In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 49–67.

- Bennett, A.F. & Baxter, B.J. (1989) Diet of the long-nosed potoroo, *Potorous tridactylus* (Marsupialia: Potoroidae), in south-western Victoria. *Australian Wildlife Research* 16: 263–71.
- Bentley, P.J. & Shield, J.W. (1962) Metabolism and kidney function in the pouch young of the macropod marsupial *Setonix brachyurus*. *Journal of Physiology* 14: 127–37.
- Berger, P.J. (1966) Eleven-month 'embryonic diapause' in a marsupial. *Nature* 211: 435–36.
- Berger, P.J. & Sharman, G.B. (1969) Embryonic diapause initiated without the suckling stimulus in the wallaby, *Macropus eugenii*. *Journal of Mammalogy* 50: 630–32.
- Bettiol, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. (2000) Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *Journal of Wildlife Diseases* 36: 141–44.
- Blandon, D.R., Lewis, P.R. & Ferrier, G.R. (1987) Vaccination against lumpy jaw and measurement of antibody response in wallabies (*Macropus eugenii*). *The Veterinary Record*, July: 60–62.
- Blumstein, D.T., Mari, M., Daniel, J.C., Ardron, J.G., Griffin, A.S. & Evans, C.S. (2002) Olfactory predator recognition: wallabies may have to learn to be wary. *Animal Conservation* 5: 87–93.
- Blyde, D. (1994) Management and diseases of macropods. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 247–51.
- Blyde, D. (1999) Advances of treating diseases of macropods. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 439–52.
- Bolliger, A. & Pascoe, J.V. (1953) Composition of kangaroo milk (wallaroo, *Macropus robustus*). *Australian Journal of Scientific Research* 15: 215–17.
- Bolton, B.L., Newsome, A.E. & Merchant, J.C. (1982) Reproduction in the agile wallaby, *Macropus agilis* (Gould) in the tropical lowlands of the Northern Territory: opportunism in a seasonal environment. *Australian Journal of Ecology* 7: 261–77.
- Booth, R. (1994) Manual and chemical restraint of macropods. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 443–47.
- Booth, R. (1999) 'Macropods: Hand raising, husbandry, diseases and rehabilitation'. *Wildlife Veterinary Notes*.
- Booth, R. & Srb, C. (1999) Population management in captive macropods. Poster ASZK/ARAZPA Conference Alice Springs Desert Park. 21–26 March.
- Booth, R. (2002) Macropods. In L.J. Gage (Ed.) *Hand-Rearing Wild and Domestic Mammals*. Iowa State Press, Iowa, pp. 63–74.
- Bryant, S.L. (1989) Growth, development and breeding pattern of the long-nosed potoroo, *Potorous tridactylus* (Kerr, 1792) in Tasmania. In G. Grigg, P. Jarman, and I. Hume (Eds) *Kangaroos, Wallabies and Rat-Kangaroos*. Surrey Beatty & Sons, Chipping Norton, pp. 449–56.
- Bulinski, J., Goldney, D. & Bauer, J. (1997) The habitat utilisation and social behaviour of captive rock-wallabies: Implications for management. *Australian Mammalogy* 19: 191–98.
- Burbidge, A.A. (1995) Burrowing Bettong *Bettongia lesueur*. In Strahan, R. (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 289–91.
- Burbidge, A.A. & Johnson, P.M. (1995) Spectacled hare-wallaby *Lagorchestes conspicillatus*. In Strahan, R. (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 313–16.
- Bush, M. & Montali, R. (1999) Medical management of tree kangaroos. In M.E. Fowler & E.M. Miller (Eds) *Zoo and Wild Animal Medicine*. Saunders, Philadelphia, pp. 337–43.
- Butler, R. (1981) Epidemiology & management of 'Lumpy Jaw' in macropods. In M.E. Fowler (Ed.) 'Wildlife Diseases of the Pacific Basin and Other Countries'. *Proceedings of the 4th International Conference of the Wildlife Disease Association*, Sydney, pp. 58–60.
- Calaby, J.H. & Poole, W.E. (1971) Keeping kangaroos in captivity. *International Zoo Yearbook* 11: 5–12.
- Calaby, J.H. & Richardson, B.J. (1988a) Potoroidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 53–59.
- Calaby, J.H. & Richardson, B.J. (1988b) Macropodidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 60–80.
- Campbell, L. & Croft, D.B. (2001) Comparison of hard and soft release of hand reared eastern grey Kangaroos. In A. Martin & L. Vogelnest (2001) Veterinary conservation biology wildlife health and management in Australasia. *Proceedings of International Joint Conference*. Taronga Zoo, Sydney Australia. 1–6 July 2001, pp. 173–80.
- Canfield, P.J., Hartley, W.J. & Dubey, J.P. (1990) Lesions of toxoplasmosis in Australian marsupials. *Journal of Comparative Pathology* 103: 159–67.
- Cargill, C. & Frith, F. (1991) Joey diarrhea project – preliminary report. *Vetlab Newsletter*, Department of Agriculture, South Australia 36: 10–13.
- Catt, D.C. (1977) The breeding biology of Bennett's wallaby (*Macropus rufogriseus fruticulus*) in South Canterbury, New Zealand. *New Zealand Journal of Zoology* 4: 401–11.
- Catt, D.C. (1979) Age determination in Bennett's wallaby, *Macropus rufogriseus fruticulus* (Marsupialia) in South Canterbury, New Zealand. *Australian Wildlife Research* 6: 13–18.
- Christensen, P. & Leftwich, T. (1980) Observations on the nest building habits of the brush-tailed rat-kangaroo or woylie (*Bettongia penicillata*). *Journal of the Royal Society of Western Australia* 63: 33–38.

- Christian, P. (1988) Diseases in macropods. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 87–89.
- Cisar, C.F. (1969) The rat-kangaroo (*Potorous tridactylus*). Handling and husbandry practices in a research facility. *Laboratory Animal Care* 19: 55–59.
- Clark, M.J. (1968) Growth of pouch-young of the red kangaroo, *Megaleia rufa*, in the pouches of foster mothers of the same and different species. *International Zoo Yearbook* 8: 102–6.
- Close, R. & Lowry, P.S. (1990) Hybrids in marsupial research. In J.A. Marshall Graves, R.M. Hope and D.W. Cooper (Eds) *Mammals from Pouches and Eggs: Genetics, Breeding and Evolution of Marsupials and Monotremes*. CSIRO, Melbourne, pp. 117–25.
- Close, R. L. & Bell, J. N. (1990) Age estimation of pouch young of the allied rock-wallaby (*Petrogale assimilis*) in captivity. *Australian Wildlife Research* 17: 359–67.
- Close, R. L. & Bell, J. N. (1997) Fertile hybrids in two genera of wallabies: *Petrogale* and *Thylogale*. *The Journal of Heredity* 88: 393–97.
- Cole, J.R., Langford, D.G. & Gibson, D.F. (1994) Capture myopathy in *Lagorchestes hirsutus* (Marsupialia: Macropodidae). *Australian Mammalogy* 17: 137–38.
- Collins, L.R. (1973) *Monotremes and Marsupials: A Reference for Zoological Institutions*. Smithsonian Institution Press, Washington.
- Cooper, D.W. (1998) Welfare of kangaroos and wallabies in captivity. Unpublished notes. Macquarie University, Sydney.
- Copley, P.B. & Robertson, A.C. (1983) Studies on the yellow-footed rock-wallaby, *Petrogale xanthopus* Gray (Marsupialia: Macropodidae) II. Diet. *Australian Wildlife Research* 10: 63–76.
- Coulson, G.M. (1978) Daily activity patterns of three sympatric macropod species and the effect of a solar eclipse. *Search* 9: 153–55.
- Coulson, G.M. & Croft, D.B. (1981) Flehmen in kangaroos. *Australian Mammalogy* 4: 139–40.
- Coulson, G. (1996) A safe and selective draw-string trap to capture kangaroos moving under fences. *Wildlife Research* 23: 621–27.
- Cowling, S.J. & Nancarrow, C. (1980) A device to prevent the fouling of stock troughs by Cape Barren geese. *Australian Wildlife Research* 7: 493.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Croft, D.B. (1989) Social organisation of the Macropodoidea. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Surrey Beatty & Sons, Chipping Norton, NSW, pp. 505–25.
- Crook, G.A. & Skipper, G. (1987) Husbandry and breeding of Matschie's tree kangaroo *Dendrolagus m. matschiei* at Adelaide Zoological Gardens. *International Zoo Yearbook* 26: 212–16.
- Crowley, H., Woodward, D. & Rose, R. (1988) Changes in milk composition during lactation in the potoroo *Potorous tridactylus* (Marsupialia: Potoroidae). *Australian Journal of Biological Science* 41: 289–96.
- Dawson, T.J. & Ellis, B.A. (1979) Comparison of diets of the yellow-footed rock-wallabies and sympatric herbivores in western New South Wales. *Australian Wildlife Research* 6: 245–54.
- Dawson, T.J. (1989) Diets of macropodoid marsupials: General patterns and environmental influences. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Surrey Beatty & Sons, Sydney, pp. 129–42.
- Delaney, R. & De'Ath, G. (1990) Age estimation and growth rates of captive and wild pouch young of *Petrogale assimilis*. *Australian Wildlife Research* 17: 491–99.
- Delaney, R. & Marsh, H. (1995) Estimating the age of wild rock-wallabies by dental radiography: a basis for quantifying the age structure of a discrete colony of *Petrogale assimilis*. *Wildlife Research* 22: 547–59.
- Delaney, R.M. (1997) Reproductive ecology of the allied rock-wallaby, *Petrogale assimilis*. *Australian Mammalogy* 19: 209–18.
- Delroy, L.B., Earl, J., Radbone, I., Robinson, A.C. & Hewett, M. (1986) The breeding and re-establishment of the brush-tailed bettong (*Bettongia penicillata*) in South Australia. *Australian Wildlife Research* 13: 387–96.
- Dennis, A.J. & Johnson, P.M. (1995) Musky rat-kangaroo *Hypsiprymnodon moschatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 282–84.
- Dennis, A.J. (1997) Musky rat-kangaroos, *Hypsiprymnodon moschatus*: cursorial frugivores in Australia's wet-tropical rain forests. PhD Thesis. James Cook University, Townsville.
- Dennis, A.J. & Marsh, H. (1997) Seasonal reproduction in musky rat-kangaroo, *Hypsiprymnodon moschatus*: a response to changes in resource availability. *Wildlife Research* 24: 561–78.
- Driessen, M.M. & Hocking, G. (1997) Age estimation of the Tasmanian pademelon, *Thylogale billiardieri*, by molar progression. *Australian Mammalogy* 20: 107–10.
- Dudzinski, M.L., Newsome, A.E., Merchant, J.C. & Bolton, B.L. (1977) Comparing the two usual methods for aging Macropodidae on tooth classes in the agile wallaby. *Australian Wildlife Research* 4: 219–21.
- Dudzinsky, M.L., Newsome, A.E. & Merchant, J.C. (1978) Growth rhythms in pouch young of the agile wallaby in Australia. *Acta Theriologica* 23: 401–11.
- Ealey, E.H.M. (1967) Ecology of the euro, *Macropus robustus* (Gould) in north-western Australia. IV. Age and growth. *CSIRO Wildlife Research* 12: 67–80.
- Eldridge, M.D.B. & Close, R.L. (1995) Allied rock-wallaby *Petrogale assimilis*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 365–66.
- Ellis, B.A., Russell, E.M. Dawson, T.J. & Harrop, C.J.F. (1977) Seasonal changes in the diet preferences of free-ranging red

- kangaroos, euros and sheep in western New South Wales. *Australian Wildlife Research* 4: 127–44.
- Evans, M. & Gordon, G. (1995) Bridled Nailtail wallaby *Onychogalea fraenata*. In Strahan, R. (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 356–58.
- Finnie, E.P. (1974) Prophylaxis against coccidiosis in kangaroos. *Australian Veterinary Journal* 50: 276.
- Finnie, E. P. (1982) Husbandry of large macropods at Taronga Zoo, Sydney. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 100–1.
- Finnie, E.P. (1988) Capture and restraint of injured Australian wildlife. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 55–57.
- Fisher, D.O. & Lara, M.C. (1999) Effects of body size and home range on access to mates and paternity in male bridled nailtail wallabies. *Animal Behaviour* 58: 121–30.
- Flannery, T. (1995a) *Mammals of the South-West Pacific & Moluccan Islands*. Reed Books, Sydney.
- Flannery, T. (1995b) *Mammals of New Guinea*. 2nd Edn. Australian Museum/Reed Books, Sydney.
- Fleming, D., Cinderey, R.N. & Hearn, J.P. (1983) The reproductive biology of Bennett's wallaby (*Macropus rufogriseus rufogriseus*) ranging free at Whipsnade Park. *Journal of Zoology* (London) 201: 283–91.
- Flower, S.S. (1931) Contributions to our knowledge of the duration of life in vertebrate animals. *Proceedings of the Zoological Society of London* 1931: 145–234.
- Frederick, H. & Johnson, C.N. (1996) Social organisation in the rufous bettong, *Aepyprymnus rufescens*. *Australian Journal of Zoology* 44: 9–17.
- Frith, H.J. & Sharman, G.B. (1964) Breeding in wild populations of the red kangaroo, *Megalia rufa*. *CSIRO Wildlife Research* 9: 86–114.
- Ganglosser, U. (1984) On the occurrence of female coalitions in tree kangaroos (Marsupialia, Macropodidae, *Dendrolagus*). *Australian Mammalogy* 7: 219–21.
- Gasking, W.R. (1965) Breeding kangaroos and wallabies in captivity. *International Zoo Yearbook* 5: 106–9.
- George, G. G. (1982) Tree-kangaroos *Dendrolagus* spp.: their management in captivity. In D.D. Evans (Ed.) *The management of Australian mammals in captivity*. Zoological Board of Victoria, Melbourne, pp. 102–7.
- George, G. (1990a) Monotreme and marsupial breeding programs in Australian Zoos. In J.A. Marshall Graves, R.M. Hope & D.W. Cooper (Eds) *Mammals from Pouches and Eggs*. CSIRO, Melbourne, pp. 39–63.
- George, H. (1990b) The care and handling of orphaned kangaroos. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 123–41.
- George, H., Parker, G. & Coote, P. (1995) Common wombats: Rescue rehabilitation release. Unpublished manuscript.
- Goldstone, A.D. & Nelson, J.E. (1986) Aggressive behaviour in two female *Peradorcas concinna* (Macropodidae) and its relation to oestrous. *Australian Wildlife Research* 13: 375–85.
- Green, B., Newgrain, K. & Merchant, J. (1980) Changes in the milk composition during lactation in the tammar wallaby, *Macropus eugenii*. *Australian Journal of Biological Sciences* 33: 35–42.
- Green, S.W. & Renfree, M.B. (1982) Changes in the milk proteins during lactation in the tammar wallaby *Macropus eugenii*. *Australian Journal of Biological Sciences* 35: 145–52.
- Green, B. (1984) Composition of milk and energetics of growth in marsupials. *Symposia of the Zoological Society of London* 51: 369–87.
- Green, K. & Mitchell, A.T. (1997) Breeding of the long-footed potoroo *Potorous longipes* (Marsupialia: Potoroidae) in the wild: behaviour, births and juvenile independence. *Australian Mammalogy* 20: 1–7.
- Green, K., Tory, M.K., Mitchell, A.T., Tennant, P. & May, T.W. (1999) The diet of the long-footed potoroo. *Australian Journal of Ecology* 24: 151–56.
- Guiler, E.R. (1960) The pouch young of the potoroo. *Journal of Mammalogy* 41: 441–51.
- Guiler, E.R. & Kitchener, D.A. (1967) Further observations on longevity in the wild potoroo, *Potorous tridactylus*. *Australian Journal of Science* 30: 105–6.
- Guiler, E.R. (1971) Husbandry of the potoroo *Potorous tridactylus*. *International Zoo Yearbook* 11: 21–22.
- Harrington, J. (1976) The diet of the swamp wallaby, *Wallabia bicolor*, at Diamond Flat, New South Wales. M. Nat. Res. Thesis, University of New England, Armidale.
- Heinsohn, G.E. (1968) Habitat requirements and reproductive potential of the macropod marsupial *Potorous tridactylus* in Tasmania. *Mammalia* 32: 30–43.
- Hendrikz, J.K. & Johnson, P.M. (1999) Development of the bridled nailtail wallaby, *Onychogalea fraenata*, and age estimation of the pouch young. *Wildlife Research* 26: 239–49.
- Hollis, C.J., Robertson, J.D. & Harden, R.H. (1986) Ecology of the swamp wallaby (*Wallabia bicolor*) in northeastern New South Wales. 1. Diet. *Australian Wildlife Research* 13: 355–65.
- Holz, P. (1992) Immobilisation of marsupials with tileamine and zolazepam. *Journal of Zoo and Wildlife Medicine* 23: 426–28.
- Hooper, P., Lunt, R.A., Gould, A.R., Hyatt, A.D., Russell, G.M., Kattenbelt, J.A., Blacksell, S.D., Reddcliff, L.A., Kirkland, P.D., Davis, R.J., Durham, P.J.K., Bishop, A.L. & Waddington, J. (1999) Epidemic of blindness in kangaroo – evidence of a viral aetiology. *Australian Veterinary Journal* 77: 529–36.
- Hornsby, P. (1979) The history of the colony of *Petrogale xanthopus* in Adelaide Zoo. *Thylacinus* 4(1–4): 1–16.
- Hornsby, P. (1980) A history of rock-wallabies *Petrogale* sp. In the Adelaide Zoo. *International Zoo Yearbook* 20: 254–60.

- Hughes, R.L. (1962) Reproduction of the macropod marsupial *Potorous tridactylus* (Kerr). *Australian Journal of Zoology* 10: 193–224.
- Hume, I.D. (1982) *Digestive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Hume, I.D., Jarman, P.J., Renfree, M.B. & Temple-Smith, P.D. (1989) Macropodidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia. Mammalia*. Australian Government Publishing Service, Canberra, pp. 679–715.
- Hutchins, M., Smith, G.M., Mead, D.C., Elbin, S. & Steenberg, J. (1991) Social behaviour of Matschie's tree kangaroos (*Dendrolagus matschiei*) and its implications for captive management. *Zoo Biology* 10: 147–64.
- Ingleby, S. & Westoby, M. (1992) Habitat requirements of the spectacled hare-wallaby (*Lagorchestes conspicillatus*) in the Northern Territory and Western Australia. *Wildlife Research* 19: 721–41.
- Ingleby, S. & Gordon, G. (1995) Northern Nailtail Wallaby *Onychogalea unguifera*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 361–62.
- Inns, R.W. (1980) Occurrence of twins in macropod marsupials. *Search* 11: 118–19.
- Inns, R.W. (1982a) Life-spans of the tammar wallaby *Macropus eugenii* (Marsupialia: Macropodidae) in wild populations. *Australian Mammalogy* 5: 283–84.
- Inns, R.W. (1982b) Age determination in the Kangaroo Island wallaby, *Macropus eugenii* (Desmarest). *Australian Wildlife Research* 9: 213–20.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Janssens, P.H. & Ternouth, J.H. (1987) The transition from milk to forage diets. In J.B. Hyacker & J.H. Ternouth (Eds) *The Nutrition of Herbivores*. Academic Press, Sydney, pp. 281–305.
- Jarman, P.J. (1984) The dietary ecology of macropod marsupials. *Proceedings Nutritional Society of Australia* 9: 82–87.
- Jarman, P.J. & Coulson, G. (1989) Dynamics and adaptiveness of groupings in macropods. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat Kangaroos*. Surrey Beatty & Sons, Sydney, pp. 527–47.
- Jarman, P.J., Jones, M.E., Johnson, C.N., Southwell, C.J., Stuart-Dick, R.I., Higginbottom, K.B. & Clarke, J.L. (1989) Macropod studies at wallaby creek. VIII. Individual recognition of kangaroos and wallabies. *Australian Wildlife Research* 16: 179–85.
- Jarman, P.J. & Bayne, P. (1997) Behavioural ecology of *Petrogale penicillata* in relation to conservation. *Australian Mammalogy* 19: 219–28.
- Johnson, C.N. & McIlwee, A.P. (1997) Ecology of the northern bettong, *Bettongia tropica*, a tropical mycophagist. *Wildlife Research* 24: 549–59.
- Johnson, K.A. (1977) Ecology and management of the red-necked pademelon, *Thylogale thetis*, on the Dorrigo plateau of northern New South Wales. PhD Thesis. University of New England, Armidale.
- Johnson, K.A. (1980) Spatial and temporal use of habitat by red-necked pademelons, *Thylogale thetis*. *Australian Wildlife Research* 7: 157–66.
- Johnson, P.M. (1978) Studies of Macropodidae in Queensland. 9. Reproduction of the rufous rat-kangaroo (*Aepyprymnus rufescens* (Gray)) in captivity, with age estimation of pouch young. *Queensland Journal of Agriculture and Animal Science* 35: 69–72.
- Johnson, P.M. (1979) Reproduction in the plain rock-wallaby *Petrogale penicillata inornata* Gould, in captivity, with age determination of the pouch young. *Australian Wildlife Research* 6: 1–4.
- Johnson, P.M. (1980) Observations of the behaviour of the rufous rat-kangaroo, *Aepyprymnus rufescens* (Gray), in captivity. *Australian Wildlife Research* 7: 347–57.
- Johnson, P.M. (1981) The rearing of marsupial pouch young by foster mothers of different species. *International Zoo Yearbook* 21: 173–76.
- Johnson, P.M. & Strahan, R. (1982) A further description of the musky-rat kangaroo, *Hypsiprymnodon moschatus* Ramsay, 1876 (Marsupialia: Potoroidae), with notes on its biology. *Australian Zoologist* 21: 27–46.
- Johnson, P.M. (1983) Musky rat-kangaroo. In R. Strahan (Ed.) *Complete Book of Australian Mammals*. Angus and Robertson, Sydney, pp. 179–80.
- Johnson, P.M., Haffenden, A.T. & Denison, J. (1983) Husbandry of the musky rat-kangaroo in captivity. *Journal of the Australian Animal Technicians Association* 8: 1–8.
- Johnson, P.M. (1993) Reproduction of the spectacled hare-wallaby, *Lagorchestes conspicillatus* Gould (Marsupialia: Macropodidae) in captivity with age estimation of the pouch-young. *Wildlife Research* 20: 97–101.
- Johnson, P.M. & Vernes, K. (1994) Reproduction in the red-legged pademelon, *Thylogale stigmatica* (Gould) (Marsupialia: Macropodidae), and age estimation and development of pouch young. *Wildlife Research* 21: 553–58.
- Johnson, P.M. (1997) Reproduction in the bridled nailtail wallaby, *Onychogalea fraenata* Gould (Marsupialia: Macropodidae), in captivity. *Wildlife Research* 24: 411–15.
- Johnson, P.M. (1998) Reproduction of the whiptail wallaby, *Macropus parryi* Bennett (Marsupialia: Macropodidae), in captivity with age estimation of the pouch-young. *Wildlife Research* 25: 635–41.
- Johnson, P.M., Speare, R. & Beveridge, I. (1998) Mortality in wild and captive rock-wallabies and nailtail wallabies due to the hydatid disease caused by *Echinococcus granulosus*. *Australian Mammalogy* 20: 419–23.
- Johnson, P.M. & Delean, J.S.C. (1999) Reproduction in the Proserpine rock-wallaby, *Petrogale persephone* Maynes (Marsupialia: Macropodidae), in captivity, with age

- estimation and development of pouch young. *Wildlife Research* 26: 631–39.
- Johnson, P.M. & Delean, S. (2001) Reproduction in the northern bettong, *Bettongia tropica* Wakefield (Marsupialia: Potoroidae), in captivity, with age estimation and development of pouch young. *Wildlife Research* 28: 79–85.
- Johnson, P.M. & Delean, S. (2002) Development and age estimation of the pouch young of the black-striped wallaby *Macropus dorsalis*, with notes on reproduction. *Australian Mammalogy* 24: 193–98.
- Johnson, P.M. & Delean, S. (2002) Reproduction of the purple-necked rock-wallaby, *Petrogale purpureicollis* Le Souef 1924 (Marsupialia: Macropodidae), in captivity, with age estimation and development of the pouch young. *Wildlife Research* 29: 463–68.
- Johnson, P., Hawkes, M. & Sullivan, S. (2002) Predation by Lumholtz's tree kangaroos *Dendrolagus Lumholtzi* in captivity. *Thylacinus* 26(3): 6–7.
- Johnson, P.M. & Delean, S. (2003) Reproduction of the Lumholtz tree-kangaroo, *Dendrolagus lumholtzi* (Marsupialia: Macropodidae), in captivity, with age estimation and development of the pouch young. *Wildlife Research* (in press).
- Kaldor, I. & Ezekiel, E. (1962) Iron content of mammalian breast milk: measurements in the rat and in a marsupial. *Nature* 196: 175.
- Kakulas, B.A. (1963a) Trace quantities of selenium ineffective in the prevention of nutritional myopathy in the Rottneest quokka (*Setonix brachyurus*). *Australian Journal of Science* 25: 313–14.
- Kakulas, B.A. (1963b) Influence of the size of enclosure on the development of myopathy in the captive Rottneest quokka. *Nature* 198: 673–74.
- Kaufmann, J.H. (1974) Habitat use and social organisation of nine sympatric species of macropodid marsupials. *Journal of Mammalogy* 55: 66–80.
- Keep, J.M. & Fox, A.M. (1971) The capture, restraint and translocation of kangaroos in the wild. *Australian Veterinary Journal* 47: 141–45.
- Kinnear, J.E., Onus, M.L. & Bromilow, R.N. (1988a) Fox control and rock-wallaby population dynamics. *Australian Wildlife Research* 15: 435–50.
- Kinnear, J.E., Bromilow, R.N., Onus, R.N. & Sokolowski, R.E.S. (1988b) The Bromilow trap: a new risk free soft trap suitable for small to medium-sized macropods. *Australian Wildlife Research* 15: 235–37.
- Kirkpatrick, T.H. (1964) Molar progression and macropod age. *Queensland Journal of Agricultural and Animal Science* 21: 163–65.
- Kirkpatrick, T.H. (1965a) Studies of Macropodidae in Queensland. 2. Age estimation in the grey kangaroo, the red kangaroo, the eastern wallaroo, and the red-necked wallaby, with notes on dental abnormalities. *Queensland Journal of Agricultural and Animal Sciences* 22: 301–17.
- Kirkpatrick, T.H. (1965b) Studies of Macropodidae in Queensland. 3. Reproduction in the grey kangaroo (*Macropus major*) in southern Queensland. *Queensland Journal of Agricultural and Animal Sciences* 22: 319–28.
- Kirkpatrick, T.H. (1967) Studies of Macropodidae in Queensland. 6. Sex determination of adult skulls of the grey kangaroo and the red kangaroo. *Queensland Journal of Animal Science* 24: 131–33.
- Kirkpatrick, T.H. & Johnson, P.M. (1969) Studies of Macropodidae in Queensland. 7. Age estimation and reproduction in the agile wallaby (*Wallabia agilis* (Gould)). *Queensland Journal of Agricultural and Animal Sciences* 26: 691–98.
- Kirkpatrick, T.H. (1970) Studies of Macropodidae in Queensland. 8. Age estimation in the red kangaroo (*Megaleia rufa* (Desmarest)). *Queensland Journal of Animal Science* 27: 461–62.
- Kitchener, D.J. (1972) The importance of shelter to the quokka, *Setonix brachyurus* (Marsupialia) on Rottneest Island. *Australian Journal of Zoology* 20: 281–99.
- Kitchener, D.J. (1973) Notes on the home range and movements in two small macropods, the potoroo (*Potorous apicalis*) and the quokka (*Setonix brachyurus*). *Mammalia* 37: 231–40.
- Knowlton, J.E. (1984) A sighting device for estimating molar index to determine age from macropod skulls. *Australian Wildlife Research* 11: 451–54.
- Lavery, H.J. (1985) *The Kangaroo Keepers*. University of Queensland Press, St Lucia.
- Lee, A.K. & Cockburn, A. (1985) *Evolutionary Ecology of Marsupials*. Cambridge University Press, Cambridge.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Lemon, M. & Barker, S. (1967) Changes in milk composition of the red kangaroo, *Megaleia rufa* (Desmarest), during lactation. *Australian Journal of Experimental Biological and Medical Science* 45: 213–19.
- Lentle, R.G., Potter, M.A., Springgett, B.P. & Stafford, K.J. (1997) A trapping and immobilisation technique for small macropods. *Wildlife Research* 24: 373–77.
- Libke, J. & Libke, D. (2000) Wildlife tales: Mumma. *Wildlife Australia* Summer: 30–32.
- Lloyd, S. (2001) Oestrous cycle and gestation length in the musky rat-kangaroo, *Hypsiprymnodon moschatus* (Potoroidae: Marsupialia). *Australian Journal of Zoology* 49: 37–44.
- Loh, T.T. & Kaldor, I. (1973) Iron in milk and milk fractions of lactating rats, rabbits, and quokkas. *Comparative Biochemistry and Physiology* 44B: 337–46.
- Long, K.I. (2001) Spatio-temporal interactions among male and female long-nosed potoroos, *Potorous tridactylus* (Marsupialia: Macropodidae): mating system implications. *Australian Journal of Zoology* 49: 17–26.

- Lundie-Jenkins, G. (1993a) Observations on the behaviour of the rufous hare-wallaby, *Lagorchestes hirsutus* Gould (Marsupialia: Macropodidae) in captivity. *Australian Mammalogy* 16: 29–34.
- Lundie-Jenkins, G. (1993b) Reproduction and growth to sexual maturity in the rufous hare-wallaby, *Lagorchestes hirsutus* Gould (Marsupialia: Macropodidae) in captivity. *Australian Mammalogy* 16: 45–49.
- Lynch, M.J., Obendorf, D.L., Statham, P. & Reddacliff, G.L. (1993) An evaluation of a live *Toxoplasma gondii* vaccine in tammar wallabies (*Macropus eugenii*). *Australian Veterinary Journal* 70: 352–53.
- McCullough, D.R. & McCullough, Y. (2000) *Kangaroos in Outback Australia*. Columbia University Press, New York.
- McLean, I.G., Lunde-Jenkins, G. & Jarman, P.J. (1994) Training captive rufous hare-wallabies to recognise predators. In M. Serena (Ed.) *Reintroduction Biology of Australian and New Zealand Fauna*. Surrey Beatty & Sons, Sydney, pp. 177–82.
- Main, A.R. & Yadav, M. (1971) Conservation of macropods in reserves in Western Australia. *Biological Conservation* 3: 123–33.
- Martin, R. (1992) An ecological study of Bennett's Tree-Kangaroo (*Dendrolagus bennettianus*). Report to the World Wide Fund for Nature. Project 116.
- Maxwell, S., Burbidge, A. & Morris, K. (1996) *The 1996 Action Plan for Australian Marsupials and Monotremes*. IUCN/SSC Australasian Marsupial and Monotreme Specialist Group. Wildlife Australia. Canberra.
- Maynes, G.M. (1972) Age estimation in the parma wallaby, *Macropus parma* (Waterhouse). *Australian Journal of Zoology* 20: 107–18.
- Maynes, G.M. (1973a) Reproduction in the parma wallaby, *Macropus parma* Waterhouse. *Australian Journal of Zoology* 21: 331–51.
- Maynes, G.M. (1973b) Aspects of reproduction in the whiptail wallaby *Macropus parryi*. *Australian Zoologist* 18: 43–46.
- Maynes, G.M. (1976) Growth of the parma wallaby, *Macropus parma* Waterhouse. *Australian Journal of Zoology* 24: 217–36.
- Maynes, G.M. (1977) Breeding and age structure of the populations of *Macropus parma* on Kawau Island, New Zealand. *Australian Journal of Ecology* 2: 207–14.
- Merchant, J.C. & Sharman, G.B. (1966) Observations on the attachment of marsupial pouch young to the teats and on the rearing of pouch young by foster-mothers of the same or different species. *Australian Journal of Zoology* 14: 593–609.
- Merchant, J.C. (1976) Breeding biology of the agile wallaby, *Macropus agilis* (Gould) (Marsupialia: Macropodidae), in captivity. *Australian Wildlife Research* 3: 93–103.
- Merchant, J.C. (1979) The effect of pregnancy on the interval between one oestrous and the next in the tammar wallaby, *Macropus eugenii*. *Journal of Reproduction and Fertility* 56: 459–63.
- Merchant, J.C. & Calaby, J.H. (1981) Reproductive biology of the red-necked wallaby (*Macropus rufogriseus banksianus*) and Bennett's wallaby (*M. r. rufogriseus*) in captivity. *Journal of Zoology* (London) 194: 203–17.
- Merchant, J., Green, B., Messer, M. & Newgrain, K. (1989) Milk composition of the red-necked wallaby, *Macropus rufogriseus banksianus* (Marsupialia). *Comparative Biochemistry and Physiology* 93A: 483–88.
- Merchant, J.C., Libke, J.A. & Smith, M.J. (1994) Lactation and energetics of growth in the brush-tailed bettong *Bettongia penicillata* (Marsupialia: Potoroidae) in captivity. *Australian Journal of Zoology* 42: 267–77.
- Merchant, J.C., Marsh, H., Spencer, P. & De'Ath, G. (1996) Milk composition and production in free-living allied rock-wallabies, *Petrogale assimilis*. *Australian Journal of Zoology* 44: 659–74.
- Messer, M. & Green, B. (1979) Milk carbohydrates of marsupials. II. Quantitative and qualitative changes in milk carbohydrates during lactation in the tammar wallaby (*Macropus eugenii*). *Australian Journal of Biological Sciences* 32: 519–31.
- Messer, M., Trifonoff, E., Stern, W., Collins, J.G. & Bradbury, J.H. (1980) Structure of a marsupial-milk trisaccharide. *Carbohydrate Research* 83: 327–34.
- Messer, M., Crisp, E.A. & Czolij, R. (1989) Lactose digestion in suckling macropods. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Surrey Beatty & Sons, Sydney, pp. 217–21.
- Messer, M. & Walker, D.M. (1992) Milk substitutes for marsupials: In theory how good (or bad) are they? In L. Vogelnest, D. Spielman, T. Bellamy, M. Messer & D.M. Walker (Eds) *Urban Wildlife*. Proceedings 204. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 99–124.
- Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. (2000) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from captive mainland Australian eastern barred bandicoot (*Perameles gunnii*). *Journal of Wildlife Diseases* 36: 213–18.
- Mitchell, P.C. (1911) On longevity and relative viability in mammals and birds; with a note on the theory of longevity. *Proceedings of the Zoological Society of London* 1911: 425–548.
- Moors, P.J. (1975) The urogenital system and notes on the reproductive biology of the female rufous rat-kangaroo, *Aepyprymnus rufescens* (Gray) (Macropodidae). *Australian Journal of Zoology* 23: 355–61.
- Morton, S.R. & Burton, T.C. (1973) Observations on the behaviour of the macropodid marsupial *Thylogale billardieri* Desmarest in captivity. *Australian Zoologist* 18: 1–14.
- Moyal, A. (2001) *Platypus*. Allen & Unwin, Sydney.
- Mullet, T., Yoshimi, D. & Steenberg, J. (no date) *Tree Kangaroo Husbandry Notebook*. Woodland Park Zoological Gardens, Washington.
- Munday, B.L. (1988) Marsupial diseases. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate

- Committee in Veterinary Science. University of Sydney, Sydney, pp. 299–365.
- Murphy, C.R. & Smith, J.R. (1970) Age determination of pouch young and juvenile Kangaroo Island wallabies. *Transactions of the Royal Society of South Australia* 94: 15–20.
- Mykytowycz, R. (1964) A survey of the endoparasites of the red kangaroo, *Megaleia rufa* (Desmarest). *Parasitology* 54: 677–93.
- Nelson, J.E. & Goldstone, A. (1986) Reproduction in *Peradornas concinna* (Marsupialia: Macropodidae). *Australian Wildlife Research* 13: 501–5.
- Newell, G.R. (1999) Home range and habitat utilisation of Lumholtz's tree-kangaroo (*Dendrolagus lumholtzi*) within a rainforest fragment in north Queensland. *Wildlife Research* 26: 129–45.
- Newsome, A.E. (1965) Reproduction in natural populations of the red kangaroo, *Megaleia rufa* (Desmarest), in central Australia. *Australian Journal of Zoology* 13: 735–59.
- Newsome, A.E. (1977) Imbalance in the sex-ratio and age structure of the red kangaroo in central Australia. In B. Stonehouse & D. Gilmore (Eds) *The Biology of Marsupials*. Macmillan, London, pp. 221–33.
- Newsome, A.E., Merchant, J.C., Bolton, B.L. & Dudzinski, M.L. (1977) Sexual dimorphism in molar progression and eruption in the agile wallaby. *Australian Wildlife Research* 4: 1–5.
- Nicholls, C. (1972) A study of the behaviour and social organisation of the yellow-footed rock-wallaby *Petrogale xanthopus*. BSc Hons Thesis, University of Adelaide, South Australia.
- Norbury, G.L. (1987) Twins in the western grey kangaroo, *Macropus fuliginosus* (Marsupialia: Macropodidae), in northwestern Victoria. *Australian Mammalogy* 10: 33.
- O'Callaghan, M.G., Carmichael, I.H., Finnie, J.W. & Conaghty, S. (1994) Lesions associated with infestations of a yellow-footed rock-wallaby (*Petrogale xanthopus*) with larvae of *Odontacarus* (*Leogonius*) *adelaidae* (Womersely) (Acarina: Trombiculidae) in South Australia. *Journal of Wildlife Diseases* 30: 257–59.
- Packer, W.C. (1965) Environmental influences on daily and seasonal activity in *Setonix brachyurus* (Quoy & Gaimard) (Marsupialia). *Animal Behaviour* 13: 270–83.
- Packer, W.C. (1969) Observations on the behaviour of the marsupial *Setonix brachyurus* (Quoy & Gaimard) in an enclosure. *Journal of Mammalogy* 50: 8–20.
- Parker, P. (1977) An ecological comparison of marsupial and placental patterns of reproduction. In B. Stonehouse & D. Gilmore (Ed.) *The Biology of Marsupials*. Macmillan, London, pp. 273–86.
- Pollock, D.C. & Montague, T.L. (1991) A new trap trigger mechanism for the capture of swamp wallabies, *Wallabia bicolor* (Marsupialia: Macropodidae). *Wildlife Research* 18: 459–61.
- Poole, W.E. (1973) A study of breeding in grey kangaroos, *Macropus giganteus* (Shaw) and *M. fuliginosus* (Desmarest), in central New South Wales. *Australian Journal of Zoology* 21: 183–212.
- Poole, W.E. & Catling, P.C. (1974) Reproduction in the two species of grey kangaroos, *Macropus giganteus* (Shaw), and *M. fuliginosus* (Desmarest). I. Sexual maturity and oestrous. *Australian Journal of Zoology* 22: 277–302.
- Poole, W.E. (1975) Reproduction in the two species of grey kangaroos, *Macropus giganteus* (Shaw), and *M. fuliginosus* (Desmarest). II. Gestation, parturition and pouch life. *Australian Journal of Zoology* 23: 333–53.
- Poole, W.E. (1976) Breeding biology and current status of the grey kangaroos, *Macropus fuliginosus fuliginosus*, of Kangaroo Island, South Australia. *Australian Journal of Zoology* 24: 169–87.
- Poole, W.E. (1982) Management of captive Macropodidae. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Parks Board of Victoria, Melbourne, pp. 91–99.
- Poole, W.E., Carpenter, S.M. & Wood, J.T. (1982a) Growth of grey kangaroos and the reliability of age determination from body measurements. II. The western grey kangaroos, *Macropus fuliginosus fuliginosus*, *M. f. melanops* and *M. f. ocydromus*. *Australian Wildlife Research* 9: 203–12.
- Poole, W.E., Carpenter, S.M. & Wood, J.T. (1982b) Growth of grey kangaroos and the reliability of age determination from body measurements. I. The eastern grey kangaroo, *Macropus giganteus*. *Australian Wildlife Research* 9: 9–20.
- Poole, W.E., Sharman, G.B., Scott, K.J. & Thompson, S.Y. (1982c) Composition of milk from red and grey kangaroos with particular reference to vitamins. *Australian Journal of Biological Science* 35: 607–15.
- Poole, W.E., Merchant, J.C., Carpenter, S.M. & Calaby, J.H. (1985) Reproduction, growth and age determination in the yellow-footed rock-wallaby *Petrogale xanthopus* Gray, in captivity. *Australian Wildlife Research* 12: 127–36.
- Poole, W.E. & Brown, G.D. (1988) Further records of life spans of the tammar-wallaby, *Macropus eugenii* (Marsupialia: Macropodidae), on Kangaroo Island, South Australia. *Australian Mammalogy* 11: 165–66.
- Poole, W.E., Westcott, M. & Simms, N.G. (1992) Determination of oestrous in the female tammar, *Macropus eugenii*, by analysis of cellular composition of smears from the reproductive tract. *Wildlife Research* 19: 35–46.
- Reddacliffe, G.L., Hartley, W.J., Dubey, J.P. & Cooper, D.W. (1993) Pathology of experimentally-induced, acute toxoplasmosis in macropods. *Australian Veterinary Journal* 70: 4–6.
- Robertson, G.G. & Gepp, B. (1982) Capture of kangaroos by 'stunning'. *Australian Wildlife Research* 9: 393–96.
- Robinson, A.C., Lim, L., Canty, P.D., Jenkins, R.B. & Macdonald, C.A. (1994) Studies of the yellow-footed rock-wallaby, *Petrogale xanthopus* Gray (Marsupialia: Macropodidae). Population studies at middle gorge, South Australia. *Wildlife Research* 21: 473–81.

- Rose, R.W. (1978) Reproduction and evolution in female Macropodidae. *Australian Mammalogy* 2: 65–72.
- Rose, R.W. (1982) Tasmanian bettong *Bettongia gaimardi*: maintenance in captivity. In D.D. Evans (eds) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 108–10.
- Rose, R.W. & McCarthy, D.J. (1982a) Reproduction in the red-bellied pademelon, *Thylogale billardieri* (Marsupialia). *Australian Wildlife Research* 9: 27–32.
- Rose, R.W. & McCartney, D.J. (1982b) Growth of the red-bellied pademelon, *Thylogale billardieri*, and age estimation of pouch young. *Australian Wildlife Research* 9: 33–38.
- Rose, R.W. (1987) Reproductive biology of the Tasmanian bettong *Bettongia gaimardi* (Macropodidae). *Journal of Zoology* (London) 212: 59–67.
- Rose, R.W. (1989) Age estimation of the Tasmanian bettong (*Bettongia gaimardi*) (Marsupialia: Potoroidae). *Australian Wildlife Research* 16: 251–61.
- Russell, E.M. (1984) Social behaviour and organisation of marsupials. *Mammal Review* 14: 101–54.
- Sadleir, R.M.F.S. (1963) Age estimation by measurement of joeys of the euro *Macropus robustus* Gould in Western Australia. *Australian Journal of Zoology* 11: 241–49.
- Sadleir, R.M.F.S. & Tyndale-Biscoe, C.H. (1977) Photoperiod and the termination of embryonic diapause in the marsupial *Macropus eugenii*. *Biology of Reproduction* 16: 605–8.
- Sampson, J.C. (1971) The biology of *Bettongia penicillata* Gray, 1837. PhD Thesis. University of Western Australia, Perth.
- Sander, U., Short, J. & Turner, B. (1997) Social organisation and warren use of the burrowing bettong, *Bettongia lesueur* (Macropodoidea: Potoroidae). *Wildlife Research* 24: 143–57.
- Sanson, G.D. (1978) The evolution and significance of mastication in the Macropodidae. *Australian Mammalogy* 2: 23–28.
- Sanson, G.D., Nelson, J.E. & Fell, P. (1985) Ecology of *Peradorcas concinna* in Arnhemland in a wet and a dry season. *Proceedings of the Ecological Society of Australia* 13: 65–72.
- Sanson, G.D. (1989) Morphological adaptations of teeth to diets and feeding in the Macropodoidea. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat-kangaroos*. Surrey Beatty & Sons. Chipping Norton, NSW, pp. 151–68.
- Scholz, B. (1980) The behaviour of the brush-tailed rock-wallaby (*Petrogale penicillata*), in south-east Queensland. Unpublished Thesis, Queensland Institute of Technology, Rockhampton.
- Seebeck, J. H. (1982) Long-nosed potoroo *Potorous tridactylus*: husbandry and management of a captive colony. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 111–16.
- Seebeck, J.H. (1992) Breeding, growth and development of captive *Potorous longipes* (Marsupialia: Potoroidae); and a comparison with *P. tridactylus*. *Australian Mammalogy* 15: 37–45.
- Selwood, L. (1986) The marsupial blastocyst – a study of the blastocysts in the Hill collection. *Australian Journal of Zoology* 34: 177–87.
- Sharman, G.B. (1955a) Studies on marsupial reproduction. II. The oestrous cycle of *Setonix brachyurus*. *Australian Journal of Zoology* 3: 44–55.
- Sharman, G.B. (1955b) Studies on marsupial reproduction. III. Normal and delayed pregnancy in *Setonix brachyurus*. *Australian Journal of Zoology* 3: 56–70.
- Sharman, G.B. (1963) Delayed implantation in marsupials. In A.C. Enders (Ed.) *Delayed Implantation*. Chicago University Press, Chicago, pp. 3–14.
- Sharman, G.B. & Calaby, J.H. (1964) Reproductive behaviour in the red kangaroo (*Megaleia rufa*) in captivity. *CSIRO Wildlife Research* 9: 58–85.
- Sharman, G.B. & Pilton, P.E. (1964) The life history and reproduction of the red kangaroo (*Megaleia rufa*) in captivity. *Proceedings of the Zoological Society of London* 142: 29–48.
- Sharman, G.B., Frith, H.J., & Calaby, J.H. (1964) Growth of the pouch young, tooth eruption, and age determination in the red kangaroo, *Megaleia rufa*. *CSIRO Wildlife Research* 9: 20–49.
- Shaw, G. & Rose, R.W. (1979) Delayed gestation in the potoroo *Potorous tridactylus* (Kerr). *Australian Journal of Zoology* 27: 901–12.
- Shephard, N.C. (1987) *Hand Rearing of Orphan Marsupials*. National Parks and Wildlife Service, Sydney.
- Shepherd, N. (1990) Capture myopathy. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 143–47.
- Shield, J.W. & Woolley, P. (1961) Age estimation by measurement of the pouch young of the quokka (*Setonix brachyurus*). *Australian Journal Zoology* 9: 14–23.
- Shield, J. (1968) Reproduction of the quokka, *Setonix brachyurus*, in captivity. *Journal of Zoology* (London) 155: 427–44.
- Short, J. (1982) Habitat requirements of the brush-tailed rock-wallaby, *Petrogale penicillata* in New South Wales. *Australian Wildlife Research* 9: 239–46.
- Short, J.C. & Turner, B. (1999) Ecology of burrowing bettongs, *Bettongia lesueur* (Marsupialia: Potoroidae) on Dorre and Bernier Islands, Western Australia. *Wildlife Research* 26: 651–69.
- Slater, G. & Courtney, P. (1999) Conditions for the overseas Transfer of Macropods. Monotreme and Marsupial Taxon Advisory Group Recommendations. ARAZPA, Sydney.
- Smith, G. (no date) Milk diets for native animals. Unpublished notes.
- Smith, M.J. (1981) Morphological observations on the diapausing blastocyst of some macropodid marsupials. *Journal of Reproduction and Fertility* 61: 483–86.

- Smith, M.J. (1998) Establishment of a captive colony of *Bettongia tropica* (Marsupialia: Potoroidae) by cross-fostering; and observations on reproduction. *Journal of Zoology* (London) 244: 43–50.
- Smolenski, A.J. & Rose, R.W. (1988) Comparative lactation in two species of rat-kangaroo (Marsupialia). *Comparative Biochemistry and Physiology* 90A: 459–63.
- Speare, R., Johnson, P.M. & Haffenden, A. (1982) Management of disease in captive macropods in north Queensland. In D.D. Evans (Ed.) *The Management of Australian Mammals in captivity*. Zoological Board of Victoria, Melbourne, pp. 117–24.
- Speare, R. (1988) Clinical assessment, disease and management of the orphaned macropod joey. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 211–96.
- Speare, R., Donovan, J.A., Thomas, A.D. & Speare, P.J. (1989) Diseases in free ranging Macropodoidea. In G. Grigg, P. Jarman & I. Hume (Eds) *Kangaroos, Wallabies and Rat Kangaroos*. Surrey Beatty & Sons, Sydney, pp. 705–34.
- Spencer, P.B.S. (1996) Coping with a naturally fragmented environment: a genetic and ecological study of the allied rock wallaby, *Petrogale assimilis*. PhD Thesis. James Cook University, Townsville.
- Spielman, D. (1994) First aid and emergency care for Australian native mammals. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 339–66.
- Spielman, D. (2000) The roles of contagious diseases in natural populations, endangered populations, captive populations and in wildlife breeding, translocation and rehabilitation programmes. In *Proceedings of the ARAZPA/ASZK Conference*. Sea World. March, pp. 87–105.
- Stanbury, P. & Phipps, G. (1980) *Australia's Animals Discovered*. Pergamon Press Sydney.
- Steenberg, J. (no date) Tree Kangaroo Husbandry. Part 1. Video. American Zoological and Aquarium Association and Woodland Park Zoological Gardens, Washington.
- Steenberg, J. (1984) Predation on a Nicobar pigeon by a Matschie's tree kangaroo. *Thylacinus* 9(3): 14–15.
- Stephens, T. (1975) Nutrition of orphan marsupials. *Australian Veterinary Journal* 51: 453–58.
- Stodart, E. (1966) Observations on the behaviour of the marsupial *Bettongia lesueri* (Quoy and Gaimard) in an enclosure. *CSIRO Wildlife Research* 11: 91–99.
- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Taggart, D.A., Schultz, D. & Temple-Smith, P. (1997) Development and application of assisted reproductive technologies in marsupials: their value for the conservation of rock-wallabies. *Australian Mammalogy* 19: 183–90.
- Taylor, R.J. & Rose, R.W. (1987) Comparison of growth of pouch young of the Tasmanian Bettong, *Bettongia gaimardi*, in captivity and in the wild. *Australian Wildlife Research* 14: 257–62.
- Tribe, A. & Middleton, D. (1988) Anaesthesia of native mammals and birds. In D.I. Bryden (Ed.) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 789–814.
- Triggs, B. (1990) *The Wombat: Common wombats in Australia*. University of NSW Press, Sydney.
- Troughton, E. (1947) Kangaroo twins and triplets. *The Australian Museum Magazine* August 30: 160–64.
- Tyndale-Biscoe, C.H. (1963) The role of the corpus luteum in the delayed implantation in marsupials.. In A.C. Enders (Ed.) *Delayed Implantation*. Chicago University Press, Chicago, pp. 15–32.
- Tyndale-Biscoe, C.H. (1968) Reproduction and post-natal development in the marsupial *Bettongia lesueur* (Quoy and Gaimard). *Australian Journal of Zoology* 16: 577–602.
- Tyndale-Biscoe, C.H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Tyndale-Biscoe, C.H. & Janssens, P.A. (1988) Introduction. *The Developing Marsupial, Models for Biomedical Research*. Springer-Verlag, Berlin.
- Uka, D. (1981) Notes on aggression in male quokkas (*Setonix brachyurus*) at the Royal Melbourne Zoo. *Thylacinus* 6(2): 27–29.
- van Oorschot, R.A.H. & Cooper, D.W. (1989) Twinning in the genus *Macropus*, especially *M. eugenii* (Marsupialia: Macropodidae). *Australian Mammalogy* 12: 83–84.
- Vernes, K. (1993) A drive fence for capturing small forest-dwelling macropods. *Wildlife Research* 20: 189–91.
- Vernes, K. & Pope, L.C. (2001) Stability of nest range, home range and movement of the northern bettong (*Bettongia tropica*) following moderate-intensity fire in a tropical woodland, north-eastern Queensland. *Wildlife Research* 28: 141–50.
- Viola, S. (1977) Observations on the brush-tailed bettong *Bettongia penicillata* at the New York Zoological Park. *International Zoo Yearbook* 17: 156–57.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Walker, D.M. & Vickery, K. (1988) Tolerance of pouch young kangaroos (Macropodidae) for cows' milk replacers containing different amounts of glucose or lactose. *Australian Mammalogy* 11: 125–33.
- Wallis, I.R., Jarman, P.J., Johnson, B.E. & Liddle, R.W. (1989) Nest sites and use of nests by rufous bettongs *Aepyprymnus rufescens*. In G. Grigg, P. Jarman, and I. Hume (Eds)

- Kangaroos, Wallabies and Rat-kangaroos*. Vol. 2. Surrey Beatty & Sons, Chipping Norton, Sydney, pp. 619–23.
- Waring, H., Sharman, G.B., Lovat, D. & Kahan, M. (1955) Studies on marsupial reproduction. I. General features and techniques. *Australian Journal of Zoology* 3: 34–43.
- Waterhouse, G.R. (1841) *The Naturalists Library. Mammalia. Vol. XI. Marsupialia or Pouched Animals*. W.H. Lizars, London.
- Williams, A. & Williams, R. (1999) *Caring for Kangaroos and Wallabies*. Kangaroo Press, Sydney.
- Williams, R. (1990) Kangaroos in captivity. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 109–21.
- Wilson, G.R. (1975) Age structures of populations of kangaroos (Macropodidae) taken by professional shooters in New South Wales. *Australian Wildlife Research* 2: 1–9.
- Woods, R. (1999) Prevention of disease in hand reared native wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 455–89.
- Zuckerman, S. (1953) The breeding seasons of mammals in captivity. *Proceedings of the Zoological Society of London* 122: 827–950.
- ## Chapter 10 – Bats
- Adam, D.B. & Baer, G.M. (1988) Caesarean section and artificial feeding device for suckling bats. *Journal of Mammalogy* 47: 524.
- Allison, F.R. (1989) Molossidæ. In D.W. Walton & B.J. Richardson (eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 892–909.
- Allworth, A., Murray, K. & Morgan, J. (1996) A human case of encephalitis due to a Lyssavirus recently identified in flying-foxes. *Communicable Diseases Intelligence* 20: 504.
- Altringham, J.D. (1999) *Bats: Biology and Behaviour*. Oxford University Press, Oxford.
- Andersen, K. (1917) On the determination of age in bats. *Journal of the Bombay Natural History Society* 25: 249–59.
- Anthony, E.L.P., Stack, M.H. & Kunz, T.H. (1981) Night roosting and nocturnal time budgets of the little brown bat, *Myotis lucifugus*: effects of reproductive status, prey density and environmental conditions. *Oecologia* 51: 151–56.
- Anthony, E.L.P. (1990) Age determination in bats. In T.H. Kunz (Ed.) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington, pp. 47–58.
- Armstrong, K.N. (2000) Roost microclimates of the bat *Rhinonictis aurantius* in a limestone cave in Geike Gorge, Western Australia. *Australian Mammalogy* 22: 69–70.
- Augee, M.L. & Ford, D. (1999) Radio-tracking studies of grey-headed flying-foxes, *Pteropus poliocephalus*, from the Gordon Colony, Sydney. *Proceedings of the Linnean Society of New South Wales* 121: 61–70.
- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Avery, M.I. (1985) Winter activity of pipistrelle bats. *Journal of Animal Ecology* 54: 721–38.
- Baer, G.M. & Holgiun, G.M. (1971) Breeding Mexican freetail bats in captivity. *American Midland Naturalist* 85: 515–17.
- Baker, G.B., Lumsden, L.F., Dettman, E.B., Schedvin, N.K., Schulz, M., Watkins, D. & Jansen, L. (2001) The effect of forearm bands on insectivorous bats (Microchiroptera) in Australia. *Wildlife Research* 28: 229–37.
- Barnard, S. (1995) *Bats in Captivity*. Wild Ones Animal Books, Springville, California.
- Barclay, R.M.R. & Bell, G.P. (1988) Marking and observational techniques for the study of bats. In T.H. Kunz (Ed.) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington D.C., pp. 59–76.
- Barnard, S.M. (2002) Insectivorous bats. In L.J. Gage (Ed.) *Hand-Rearing Wild and Domestic Mammals*. Iowa State Press, Iowa, pp. 96–103.
- Bartels, W., Law, B.S. & Geiser, F. (1997) Thermoregulation, energetics and daily torpor in a tropical mammal, the northern blossom-bat *Macroglossus minimus* (Megachiroptera). Abstract. Australian Mammal Society Annual Conference. Clare, South Australia.
- Baudinette, R.V., Wells, R.T., Sanderson, K.J. & Clark, B. (1994) Microclimatic conditions in maternity caves of the bent-wing bat, *Miniopterus schreibersii*: an attempted restoration of a former maternity site. *Wildlife Research* 21: 607–19.
- Beasley, L.J., Smale, L. & Smith, E.R. (1984) Melatonin influences the reproductive physiology of male pallid bats. *Biology of Reproduction* 30: 300–5.
- Beasley, L.J. & Zucker, I. (1984) Photoperiod influences the annual reproductive cycle of the male pallid bat (*Antrozous pallidus*). *Journal of Reproduction and Fertility* 70: 567–73.
- Bonaccorso, F.J. & Smythe, N. (1972) Punch-marking bats. An alternative to banding. *Journal of Mammalogy* 53: 389–90.
- Booth, R. (1994) Medicine and husbandry: Dasyurids, possums and bats. In D.I. Bryden (Ed.) *Wildlife*. Proceedings 233. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 423–41.
- Borsboom, A. (1982) Agonistic interactions between bats and arboreal marsupials. *Australian Mammalogy* 5: 281–82.
- Brass, D.A. (1994) *Rabies in Bats: Natural History and Public Health Implications*. Livia Press, Ridgefield, Connecticut.
- Chimimba, C.T. & Kitchener, D.J. (1987) Breeding in the yellow bellied sheath-tailed bat *Saccolaimus flaviventris* (Peters, 1867)(Chiroptera: Emballonuridae). *Records of the Western Australian Museum* 13: 241–48.
- Christian, J.J. (1956) The natural history of a summer aggregation of the big brown bat, *Eptesicus fuscus*. *American Midlands Naturalist* 55: 66–95.

- Churchill, S.K. (1991) Distribution, abundance and roost selection of the orange horseshoe-bat, *Rhinonycteris aurantius*, a tropical cave-dweller. *Wildlife Research* 18: 343–53.
- Churchill, S.K. (1995) Reproductive ecology of the orange horseshoe bat, *Rhinonycteris aurantius* (Hipposideridae: Chiroptera), a tropical cave-dweller. *Wildlife Research* 22: 687–98.
- Churchill, S. (1998) *Australian Bats*. Reed New Holland, Sydney.
- Cockrum, E.L. (1956) Homing, movements, and longevity of bats. *Journal of Mammalogy* 37: 48–57.
- Constantine, D.G. (1985) Disease exchange between bats and researchers: problems and precautions. *Australian Mammalogy* 8: 325–29.
- Constantine, D.G. (1986) Insectivorous bats. In M.E. Fowler (ed.) *Zoo and Wild Animal Medicine*. 2nd Edn. Saunders, Philadelphia, pp. 650–55.
- Constantine, D.G. (1993) Chiroptera: bat medicine, management and conservation. In M.E. Fowler (Ed.) *Zoo and Wild Animal Medicine*. Current Therapy 3. Saunders, Philadelphia, pp. 310–21.
- Cool, S.M., Bennett, M.B. & Romaniuk, K. (1994) Age estimation of pteropodid bats (Megachiroptera) from hard tissue parameters. *Wildlife Research* 21: 353–64.
- Cowie, J. (In prep) Hand rearing carnivorous bats. In S.M. Barnard (Ed.) *Maintenance of Bats in Captivity*.
- Crerar, S., Longbottom, H., Rooney, J. & Thornber, P. (1996) Human health aspects of a possible Lyssavirus in a black flying fox. *Communicable Disease Intelligence* 20: 325.
- Crichton, E.G. & Krutzsch, P.H. (1987) Reproductive biology of the little mastiff bat, *Mormopterus planiceps* (Chiroptera: Molossidae), in southeast Australia. *American Journal of Anatomy* 178: 369–86.
- Dix, W.M. & Billings, S.M. (1969) Technique for permanent vaginal smear preparations from rodents and other mammals. *Georgia Academy of Science* 27: 122–26.
- Dixon, J.M. & Huxley, L. (1989) Observations on a maternity colony of Gould's wattled bat *Chalinolobus gouldii* (Chiroptera: Vespertilionidae). *Mammalia* 53: 395–414.
- Duncan, A., Baker, G.B. & Montgomery, N. (1999) *The Action Plan for Australian Bats*. National Parks and Wildlife, Canberra.
- Durden, L.A. & Wilson, N. (1985) Ectoparasites from the grey-headed flying fox, *Pteropus poliocephalus* and the red flying fox, *P. scapulatus* (Chiroptera: Pteropodidae) from southeastern Queensland, Australia. *Macroderma* 1: 51–53.
- Dwyer, P.D. (1963a) The breeding biology of *Miniopterus schreibersii blepotis* (Temminck) (Chiroptera) in north-eastern New South Wales. *Australian Journal of Zoology* 11: 219–40.
- Dwyer, P.D. (1963b) Reproduction and distribution of *Miniopterus* (Chiroptera). *Australian Journal of Science* 25: 435–36.
- Dwyer, P.D. & Hamilton-Smith, E. (1965) Breeding caves and maternity colonies of the bent-winged bat in south eastern Australia. *Helictite* 4: 3–21.
- Dwyer, P.D. (1966) Observations on the eastern horseshoe bat in north-eastern New South Wales. *Helictite* 4: 73–82.
- Dwyer, P.D. (1968) The biology, origin and adaptation of *Miniopterus australis* (Chiroptera) in New South Wales. *Australian Journal of Zoology* 16: 49–68.
- Dyer, P.D. (1970a) Social organization in the bat *Myotis adversus*. *Science* 168: 1006–8.
- Dwyer, P.D. (1970b) Latitude and breeding season in a polyoestrous species in *Myotis*. *Journal of Mammalogy* 51: 405–10.
- Dwyer, P.D. (1975) Notes on *Dobsonia moluccense* (Chiroptera) in the New Guinea highlands. *Mammalia* 39: 113–18.
- Eby, P. & Jones, V. (2002) A bloke in every port: group composition and gender bias in the migration patterns of grey-headed flying-foxes *Pteropus poliocephalus*. 10th Australasian Bat Society Conference, Cairns. 2–5 April.
- Ellis, W.A.H., Marples, T.G. & Phillips, W.R. (1991) The effects of a temperature-determined food supply on the annual activity cycle of the lesser long-eared bat, *Nyctophilus geoffroyi* Leach, 1821 (Microchiroptera: Vespertilionidae). *Australian Journal of Zoology* 39: 263–71.
- Fascione, N. (1995) *Flying-foxes Husbandry Manual*. American Zoo and Aquarium Association, Chiroptera Advisory Group.
- Field, H. & Ross, T. (1999) Emerging viral diseases. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 501–13.
- Field, H., McCall, B. & Barrett, J. (1999) Australian bat Lyssavirus infection in a captive juvenile black flying fox. *Emerging Infectious Diseases* 5: 438–40.
- Field, H. (2000) Bat virus update – Australian Bat Lyssavirus surveillance. *The Australasian Bat Society Newsletter* 15 September: 48–49.
- Finnemore, M. & Richardson, P.W. (1999) Catching Bats. In A.J. Mitchell-Jones & A.P. McLeish (Eds) *The Bat Workers Manual*. Joint Nature Conservation Council, Peterborough, United Kingdom, pp. 33–38.
- Flannery, T.F. (1995a) *Mammals of New Guinea*. Reed Books, Sydney.
- Flannery, T.F. (1995b) *Mammals of the South-West Pacific & Moluccan Islands*. Reed Books, Sydney.
- Fraser, G.C., Hoooper, P.T., Lunt, R.A., Gould, A.R., Gleeson, L.J., Hyatt, A.D., Russell, G.M. & Kattenbelt, J.A. (1996) Encephalitis caused by a lyssavirus in flying-foxes in Australia. *Emerging Infectious Diseases* 2: 327–31.
- Gannon, M.R. (1993) A new technique for marking bats. *Bat Research News* 34: 88–89.
- Gaudet, C.L. & Fenton, M.B. (1984) Observational learning in three species of insectivorous bats (Chiroptera). *Animal Behaviour* 32: 385–88.

- Geiser, F., Cockburn, D.K., Kortner, G. & Law, B.S. (1996) Thermoregulation, energy metabolism, and torpor in blossom bats, *Syconycteris australis* (Megachiroptera). *Journal of Zoology* (London) 239: 583–90.
- George, H. (1990) Grey-headed flying-foxes. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 159–69.
- Goehring, H.H. (1972) Twenty-year study of *Eptesicus fuscus* in Minnesota. *Journal of Mammalogy* 53: 201–7.
- Griffin, D.R. & Hitchcock, H.B. (1965) Probable 24-year longevity records for *Myotis lucifugus*. *Journal of Mammalogy* 46: 332.
- Hall, J.S., Cloutier, R.J. & Griffin, D. (1957) Longevity records with notes on tooth wear of bats. *Journal of Mammalogy* 38: 407–9.
- Hall, L.S., Young, R.A. & Spate, A.P. (1975) Roost selection of the eastern horseshoe bat *Rhinolophus megaphyllus*. *Proceedings of the 10th Biennial Conference Australia Speleological Federation*, pp. 47–56.
- Hall, L.S. & Richards, G.C. (1979) *Bats of Eastern Australia*. Queensland Museum, Brisbane.
- Hall, L.S. (1982a) Management of microchiropterans in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 157–60.
- Hall, L.S. (1982b) Common bent-winged bat *Miniopterus schreibersii*: maintenance of large colony. In D.D. Evans (Ed.) *The management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 172–174.
- Hall, L.S. (1982c) The effect of cave microclimate on winter roosting behaviour in the bat, *Miniopterus schreibersii blepotis*. *Australian Journal of Ecology* 7: 129–36.
- Hall, L.S. (1983) *Hipposideros ater*. In R. Strahan (Ed.) *The Australian Museum Complete Book of Australian Mammals*. Angus and Robertson, Sydney, pp. 298–99.
- Hall, L., Richards, G., McKenzie, N. & Dunlop, N. (1997) The importance of abandoned mines as habitat for bats. In P. Hale & D. Lamb (Eds) *Conservation Outside Nature Reserves*. Centre for Conservation Biology, University of Queensland, Brisbane, pp. 326–33.
- Hall, L.S. & Richards, G. (2000) *Flying Foxes: Fruit and Blossom Bats of Australia*. University of NSW Press, Sydney.
- Halpin, K., Young, P. & Field, H. (1996) Identification of likely natural hosts for equine morbillivirus. *Communicable Disease Intelligence* 20: 476.
- Handley, C.O. Jr., Wilson, D.E. & Gardner, A.L. (Eds) (1991) *Demography and Natural History of the Common Flying-foxes, Artibeus jamaicensis* on Barro Colorado Island, Panama. Smithsonian Institution Press, Washington.
- Hayes, K.T., Feistner, A.T.C. & Halliwell, E.C. (1996) The effect of contraceptive implants on the behaviour of female Rodrigues flying-foxes, *Pteropus rodricensis*. *Zoo Biology* 15: 21–36.
- Hill, J.E. & Smith, J.D. (1985) *Bats: A Natural History*. British Museum, London.
- Hine, R.S. (Ed.) (1988) *Concise Veterinary Dictionary*. Oxford University Press, Oxford.
- Hooper, P.T., Gould, A.R., Russell, G.M., Kattenbelt, J.A. & Mitchell, G. (1996) The retrospective diagnosis of a second outbreak of equine morbillivirus infection. *Australian Veterinary Journal* 74: 244–45.
- Hooper, P.T., Lunt, R.A., Gould, A.R., Samaratunga, H., Hyatt, A.D., Gleeson, L.J., Rodwell, B.J., Rupprecht, C.E., Smith, J.S. & Murray, P.K. (1997) A new Lyssavirus—the first endemic rabies related virus recognised in Australia. *Bulletin de l'Institut Pasteur* 95: 209–18.
- Hopkins, C.S. (1990) Carnivorous and insectivorous bats. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons, Sydney, pp. 171–84.
- Hosken, D.J. (1996) Roost selection by the lesser long-eared bat, *Nyctophilus geoffroyi*, and the greater long-eared bat, *N. major* (Chiroptera: Vespertilionidae) in Banksia woodlands. *Journal of the Royal Society of Western Australia* 79: 211–16.
- Humphrey-Smith, I. (1982) Survival of captive Microchiroptera feeding on prey attracted to artificial lights. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 164–71.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jackson, S.M. & Worthington-Wilmer, J. (1994) New methods in the management of the ghost bat in captivity. *ARAZPA/ASZK Conference Proceedings: Notogea, Our World*. Darwin, Northern Territory, pp. 188–95.
- Jackson, S.M. (2001) Foraging behaviour and food availability of the mahogany glider *Petaurus gracilis* (Petauridae: Marsupialia). *Journal of Zoology* (London) 253: 1–13.
- Jenness, R. & Sloan, R.E. (1970) The composition of milks of various species: a review. *Dairy Science Abstracts* 32: 599–612.
- Jolly, S. (1988a) Five colonies of the orange horseshoe bat, *Rhinycteris aurantius* (Chiroptera: Hipposideridae) in the Northern Territory. *Australian Wildlife Research* 15: 41–49.
- Jolly, S. (1988b) Vaginal smears and the reproductive cycle of the common sheath-tail bat, *Taphozous georgianus* (Chiroptera: Emballonuridae). *Australian Mammalogy* 11: 75–76.
- Jolly, S. (1990) The biology of the common sheath-tail bat, *Taphozous georgianus* (Chiroptera: Emballonuridae), in central Queensland. *Australian Journal of Zoology* 38: 65–77.
- Jones, C., McShea, W.J., Conroy, M.J. & Kunz, T.H. (1996) Capturing mammals. In D.E. Wilson, E.R. Cole, J.D. Nichols, R. Rudran & M.S. Foster (Eds) *Measuring and Monitoring Biological Diversity: Standard Methods for Mammals*. Smithsonian Institution Press, Washington, pp. 115–55.

- Keen, R. & Hitchcock, H.B. (1980) Survival and longevity of the little brown bat (*Myotis lucifugus*) in southeastern Ontario. *Journal of Mammalogy* 61: 1–7.
- Kerth, B. & Konig, B. (1996) Transponder and an infrared-video camera as methods used in a field study on the special behaviour of Bechstein's bats (*Myotis bechsteini*). *Myotis* 34: 27–34.
- Kitchener, D.J. (1975) Reproduction in female Gould's wattled bat, *Chalinolobus gouldii* (Gray) (Vespertilionidae), in Western Australian. *Australian Journal of Zoology* 23: 29–42.
- Kitchener, D.J. (1976) Further observations on reproduction in the common sheath-tail bat, *Taphozous georgianus* Thomas, 1915 in Western Australian, with notes on the gular pouch. *Records of the Western Australian Museum* 4: 335–47.
- Kitchener, D.J. & Halse, S.A. (1978) Reproduction in female *Eptesicus regulus* (Thomas) (Vespertilionidae), in south-western Australian. *Australian Journal of Zoology* 26: 257–67.
- Kitchener, D.J. & Coster, P. (1981) Reproduction in female *Chalinolobus morio* (Gray) (Vespertilionidae), in south-western Australian. *Australian Journal of Zoology* 29: 305–20.
- Kitchener, D.K. & Hudson, C.J. (1982) Reproduction in the female white-striped mastiff bat, *Tadarida australis* (Gray) (Molossidae). *Australian Journal of Zoology* 30: 1–14.
- Krutzsch, P.H., & Crichton, E.G. (1987) Reproductive biology of the male little mastiff bat *Mormopterus planiceps* (Chiroptera: Molossidae) in southeast Australia. *American Journal of Anatomy* 178: 352–68.
- Kunz, T.H. (1982) Roosting ecology of bats. In T.H. Kunz (Ed.) *Ecology of Bats*. Plenum Press, New York, pp. 1–55.
- Kunz, T.H., Stack, M.H. & Jenness, R. (1983) A comparison of milk composition in *Myotis lucifugus* and *Eptesicus fuscus* (Chiroptera: Vespertilionidae). *Biology of Reproduction* 28: 229–34.
- Kunz, T.H. & Kurta, A. (1988) Capture methods and holding devices. In T.H. Kunz (Ed.) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington, pp. 1–30.
- Kunz, T.H., Oftedal, O.T., Robson, S.K., Kretzmann, M.B. & Kirk, C. (1995) Changes in milk composition during lactation in three species of insectivorous bats. *Journal of Comparative Physiology B* 164: 543–51.
- Kunz, T.H. (2001) Seeing in the dark: recent technological advances for the study of free-ranging bats. Abstract. 12th International Bat Research Conference. Hotel Equatorial, Bangi, Selangor, Malaysia. B.M.M. Zain & N. Ahmad (Ed.) Faculty of Science and Technology Universiti Kebangsaan Malaysia, Bangi, Selangor.
- Law, B.S. (1993) Roosting and foraging ecology of the Queensland blossom-bat (*Syconycteris australis*) in north-eastern New South Wales: flexibility in response to seasonal variation. *Wildlife Research* 20: 419–31.
- Laws, R.M. (1952) A new method of age determination for mammals. *Nature* 169: 972–73.
- LeBlanc, D. (1998) Horticultural options for flying-foxes enrichment. AZH National Conference, Indianapolis, Indiana, pp. 205–11.
- LeBlanc, D. (2001) A browse tube for plant-visiting bats. *The Shape of Enrichment* 10(3): 10.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Lollar, A. & Schmidt-French, B. (1998) *Captive Care and Medical Reference for the Rehabilitation of Insectivorous Bats*. Bat World, Texas.
- Lumsden, L. (1995) Insectivorous bats. *Wildcry – Newsletter of the Wildlife Care Network* Autumn/Winter: 1, 3–4.
- Lumsden, L. & Bennett (1995) Bats of a semi-arid environment in south-eastern Australia: biogeography, ecology and conservation. *Wildlife Research* 22: 217–40.
- Lumsden, L. & Gray, P. (2001) Longevity record for a southern bent-wing bat *Miniopterus schreibersii bassanii*. *The Australasian Bat Society Newsletter* 16 March: 43–44.
- Lyssavirus Expert Group (1996) Prevention of human Lyssavirus infection. *Communicable Diseases Intelligence* 20: 505–7.
- McGuckin, M.A. & Blackshaw, A.W. (1992) Effects of photoperiod on the reproductive physiology of male flying foxes, *Pteropus poliocephalus*. *Reproduction, Fertility and Development* 4: 43–53.
- McKean, J.L. & Hamilton-Smith, E. (1967) Litter size and maternity sites in Australian bats (Chiroptera). *Victorian Naturalist* 84: 203–6.
- Maclean, J. (2000) Rearing and release of spectacled flying-foxes at Tolga in far north Queensland, Australia. *The Australasian Bat Society Newsletter* 15 September: 43–46.
- Mahoney, J.A. & Walton, D.W. (1988a) Pteropodidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 105–13.
- Mahoney, J.A. & Walton, D.W. (1988b) Emballonuridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 114–18.
- Mahoney, J.A. & Walton, D.W. (1988c) Megadermatidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 119–20.
- Mahoney, J.A. & Walton, D.W. (1988d) Rhinolophidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 121–23.
- Mahoney, J.A. & Walton, D.W. (1988e) Hipposideridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. *Mammalia*. Australian Government Publishing Service, Canberra, pp. 124–27.
- Mahoney, J.A. & Walton, D.W. (1988f) Vespertilionidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5.

- Mammalia. Australian Government Publishing Service, Canberra, pp. 128–45.
- Mahoney, J.A. & Walton, D.W. (1988g) Molossidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. Mammalia. Australian Government Publishing Service, Canberra, pp. 146–50.
- Martin, L., Towers, P.A., McGuckin, M.A., Little, L., Luckhoff, H. & Blackshaw, A.W. (1987) Reproductive biology of flying-foxes (Chiroptera: Pteropodidae). *Australian Mammalogy* 10: 115–18.
- Martin, L., Kennedy, J.H., Little, L., Luckoff, H.C., O'Brien, G.M., Pow, C.S.T., Towers, P.A., Waldon, A.K. & Wang, D.Y. (1995) The reproductive biology of Australian flying-foxes (genus *Pteropus*). *Symposia of the Zoological Society of London* 67: 167–84.
- Menkhorst, P. (1995) *Mammals of Victoria*. Oxford University Press, Sydney.
- Messer, M. & Parry-Jones, K. (1997) Milk composition in the grey headed flying fox, *Pteropus poliocephalus* (Pteropodidae: Chiroptera). *Australian Journal of Zoology* 45: 65–73.
- Mitchell-Jones, A.J. & McLeish, A.P. (1999) *The Bat Workers Manual*. Joint Nature Conservation Committee, Peterborough.
- Murray, K., Selleck, P., Hooper, P., Hyatt, A., Gould, A., Gleeson, L., Westbury, H., Hiley, L., Selvey, L., Rodwell, B. & Ketterer, P. (1995) A morbillivirus that caused fatal disease in horses and humans. *Science* 268: 94–97.
- Negraeff, O.E. & Bringham, R.M. (1995) The influences of moonlight on the activity of little brown bats (*Myotis lucifugus*). *Zeitschrift fur Säugetierkunde* 60: 330–36.
- Nelson, J.E. (1964) Vocal communications in Australian flying-foxes (Pteropodidae; Megachiroptera). *Zeitschrift fur Tierpsychologie* 21: 857–70.
- Nelson, J.E. (1965a) Behaviour of Australian Pteropodidae (Megachiroptera). *Animal Behaviour* 13: 544–57.
- Nelson, J.E. (1965b) Movements of Australian flying-foxes (Pteropodidae: Megachiroptera). *Australian Journal of Zoology* 13: 53–73.
- Nelson, J.E. (1989) Megadermatidae. In D. Walton & B.J. Richardson (Eds) *Fauna of Australia*. Vol. B. Australian Government Publishing Service, Canberra, pp. 852–56.
- Nowak, R.M. (1991) *Walker's Mammals of the World*. 5th Edn, Volumes I & II, The Johns Hopkins University Press, Baltimore.
- O'Brien, G.M. (1993) Seasonal reproduction in flying-foxes, reviewed in the context of other tropical mammals. *Reproduction, Fertility and Development* 5: 499–521.
- Paradiso, J.L. & Greenhall, A.M. (1967) Longevity records for American bats. *American Midland Naturalist* 78: 251–52.
- Parnaby, H. (1992) An interim guide to identification of insectivorous bats of southeastern Australia. *Technical Reports of the Australian Museum* 8: 1–33.
- Parry-Jones, G. (2000) *The Grey-Headed Flying Fox Care & Rescue*. Wambina Flying Fox Research Centre, Gosford.
- Pettigrew, J., Baker, G.B., Baker-Gabb, D., Baverstock, G., Coles, R., Conole, L., Churchill, S., Fitzherbert, K., Guppy, A., Hall, L., Helman, P., Nelson, J., Priddel, D., Pulsford, I., Richards, G., Schulz, M. & Tidemann, C.R. (1986) The Australian ghost bat, *Macroderma gigas*, at Pine Creek, Northern Territory. *Macroderma* 2: 8–19.
- Philbey, A.W., Kirkland, P.D., Ross, A.D., Davis, R.J., Gleeson, A.B., Love, R.J., Daniels, P.W., Gould, A.R. & Hyatt, A.D. (1998) An apparently new virus (Family Paramyxoviridae) infectious for pigs, humans and fruit bats. *Emerging Infectious Diseases* 4: 269–71.
- Phillips, C.J., Steinberg, B. & Kunz, T.H. (1982) Dentin, cementum, and age determination in bats: a critical reevaluation. *Journal of Mammalogy* 63: 197–207.
- Phillips, W.R. & Inwards, S.J. (1985) The annual activity and breeding cycles of Gould's long eared bat *Nyctophilus gouldi* (Microchiroptera: Vespertilionidae). *Australian Journal of Zoology* 33: 111–26.
- Racey, P.A. (1970) The breeding, care and management of vespertilionid bats in the laboratory. *Laboratory Animals* 4: 171–83.
- Racey, P.A. (1988) Reproductive assessment in bats. In T.H. Kunz (Ed.) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington, pp. 31–45.
- Rasweiler, J.J. (1977) The care and management of bats as laboratory animals. In W.A. Wimsatt (Ed.) *Biology of Bats*. Academic Press, New York, pp. 519–617.
- Ratcliffe, F.N. (1931) The flying-fox (*Pteropus*) in Australia. *Bulletin of the Council of Science Industry and Research in Australia* 53: 1–80.
- Ratcliffe, F.N. (1932) Notes on the flying-foxes (*Pteropus* spp.) of Australia. *Journal of Animal Ecology* 1: 32–57.
- Reardon, T. & Flavel, S. (1987) *A Guide to the Bats of South Australia*. South Australian Museum and Field Naturalists Society, Adelaide.
- Reddacliff, L.A., Bellamy, T.A. & Hartley, W.J. (1999) *Angiostrongylus cantonensis* infection in grey-headed fruit bats (*Pteropus poliocephalus*). *Australian Veterinary Journal* 77: 466–67.
- Reith, C.C. (1982) Insectivorous bats fly in shadows to avoid moonlight. *Journal of Mammalogy* 63: 685–88.
- Richards, G.C. (1989) Nocturnal activity of insectivorous bats relative to temperature and prey availability in tropical Queensland. *Australian Wildlife Research* 16: 151–58.
- Richards, G. (2000) Natural wing tears in large bentwing bats (*Miniopterus schreibersii*). *The Australasian Bat Society Newsletter* 15 September: 48.
- Rose, K. (1999) Common diseases of urban wildlife. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 365–427.
- Ross, T., Philbey, A., Kirkland, P. & Field, H. (2001) Megachiroptera and Menagie Virus in Australia. In A. Martin & L. Vogelnest (2001) *Veterinary conservation*

- biology wildlife health and management in Australasia. *Proceedings of International Joint Conference*. Taronga Zoo, Sydney Australia. 1–6 July 2001, pp. 241–44.
- Rudran, R. & Kunz, T.H. (1996) Methods for marking mammals. In D.E. Wilson, E.R. Cole, J.D. Nichols, R. Rudran & M.S. Foster (eds) *Measuring and Monitoring Biological Diversity: Standard Methods for Mammals*. Smithsonian Institution Press, Washington, pp. 299–310.
- Rupprecht, C.E. (1999) Rabies: Global problems, zoonotic threat and preventative management. In M.E. Fowler (Ed.) *Zoo & Wild Animal Medicine*. Current Therapy 4. Saunders, Philadelphia, pp. 136–46.
- Russell, R. (1981) How fluffy gliders led me to the tree of life. *Habitat* 9: 7–8.
- Ryan, M.R. (1966) Observations on the broad-nosed bat, *Scoteinus balstoni*, in Victoria. *Journal of Zoology* (London) 148: 162–66.
- Schowalter, D.B., Harder, L.D. & Treichel, B.H. (1978) Age composition of some vespertilionid bats as determined by dental annuli. *Canadian Journal of Zoology* 56: 355–88.
- Selvey, L., Taylor, R., Arklay, A. & Gerrard, J. (1996) Screening of bat carers for antibodies to equine morbillivirus. *Communicable Disease Intelligence* 20: 477–78.
- Skerratt, L.F., Speare, R., Berger, L. & Winsor, H. (1998) Lyssaviral infection and lead poisoning in black flying foxes from Queensland. *Journal of Wildlife Diseases* 34: 355–61.
- Sluiter, J.W., Van Heerdt, P.F. & Bezem, J.J. (1971) Parametres de population chez le grand Rhinolophe fer-a-cheval (*Rhinolophus ferrumequinum* Schreber), estimes par la methode de reprises apres baguages. *Mammalia* 35: 254–72.
- Snell, J. (1994) *Standards Recommended for the Care and Exhibition of Flying-Foxes*. Ku-Ring-Gai bat Colony Committee, Sydney.
- Sommers, L.A., Davis, W.H. & Hitchcock, H.B. (1993) Longevity records for *Myotis lucifugus*. *Bat Research News* 34: 3.
- Stebbins, R.E. (1977) Order Chiroptera. In G.B. Corbet & H.N. Southern (Eds) *Handbook of British Mammals*. Blackwells Scientific, Oxford, pp. 68–128.
- Stebbins, R.E. & Walsh, S.T. (1991) *Bat Boxes: A Guide to the History, Function, Construction and use in the Conservation of Bats*. The Bat Conservation Trust, London.
- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Sutton, R.H. & Wilson, P.D. (1983) Lead poisoning in grey-headed flying-foxes (*Pteropus poliocephalus*). *Journal of Wildlife Diseases* 19: 294–96.
- Sutton, R.H. & Hariono, B. (1987) Lead poisoning in flying foxes (Chiroptera: Pteropodidae). *Australian Mammalogy* 10: 125–26.
- Taylor, H., Gould, E., Frank, A. & Woolf, N. (1974) Successful hand-raising of one week old bats, *Eptesicus* and *Antrozous*, by stomach catheter. *Journal of Mammalogy* 55: 228–31.
- Taylor, R.J. & O'Neill, M.G. (1988) Summer activity patterns of insectivorous bats and their prey in Tasmania. *Australian Wildlife Research* 15: 533–39.
- Temby, I. (1995) Bats in chains come in to roost. *Australian Bat Society Newsletter* 4: 35–39.
- Thompson, G.K. (1999) Veterinary surgeon's guide to Australian bat Lyssavirus. *Australian Veterinary Journal* 77: 710–12.
- Thomson, B.G. (1991) *A Field Guide to the Bats of the Northern Territory*. Conservation Commission of the Northern Territory, Darwin.
- Tidemann, C.R. & Woodside, D.P. (1978) A collapsible bat-trap and a comparison of results obtained with the trap and with mist nets. *Australian Wildlife Research* 5: 355–62.
- Tidemann, C.R. (1982) Sex differences in seasonal changes of brown adipose tissue and activity of the Australian vespertilionid bat *Eptesicus vulturnus*. *Australian Journal of Zoology* 30: 15–22.
- Tideman, C.R. & Flavel, S.C. (1987) Factors affecting choice of diurnal roost site by tree hole bats (Microchiroptera) in south-eastern Australia. *Australian Wildlife Research* 14: 459–73.
- Tidemann, C.R. (1993) Reproduction in the bats, *V. vulturnus*, *V. regulus* and *V. darlingtoni* (Microchiroptera: Vespertilionidae) in coastal south-eastern Australia. *Australian Journal of Zoology* 41: 21–35.
- Tidemann, C.R. & Loughland, R.A. (1993) A harp trap for large megachiropterans. *Wildlife Research* 20: 607–11.
- Tidemann, C.R., Vardon, M.J., Nelson, J.E., Speare, R. & Gleeson, L.J. (1997) Health and conservation implications of Australian bat Lyssavirus. *Australian Zoologist* 30: 369–76.
- Tidemann, C.R., Vardon, M.J., Loughland, R.A., & Brocklehurst, P.J. (1999) Dry season camps of flying-foxes (*Pteropus* spp.) in Kakadu World Heritage Area, north Australia. *Journal of Zoology* (London) 247: 155–63.
- Toop, J. (1985) Habitat requirements, survival strategies and ecology of the ghost bat *Macroderma gigas* Dobson, (Microchiroptera, Megadermatidae) in central coastal Queensland. *Macroderma* 1: 37–41.
- Tuttle, M.D. & Stevenson, D. (1982) Growth and survival in bats. In T.H. Kunz (Ed.) *Ecology of Bats*. Plenum Press, New York, pp. 105–50.
- Twente, J. W. Jr. (1955) Aspects of a population of cavern-dwelling bats. *Journal of Mammalogy* 36: 379–90.
- Van der Merwe, M. (1979) Foetal growth curves and seasonal breeding in Natal clinging bat *Miniopterus schreibersii natalensis*. *South African Journal of Zoology* 14: 17–21.
- Van Dyck, S. (1982) Management of captive Megachiroptera. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 161–63.
- Vardon, M.J. & Tidemann, C.R. (1998) Reproduction, growth and maturity in the black flying-fox, *Pteropus alecto* (Megachiroptera: Pteropodidae). *Australian Journal of Zoology* 46: 329–44.

- Vardon, M.J. & Tidemann, C.R. (2000) The black flying-fox (*Pteropus alecto*) in north Australia: juvenile mortality and longevity. *Australian Journal of Zoology* 48: 91–97.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–86.
- Webb, N. & Tidemann, C. (1995) Hybridisation between black (*Pteropus alecto*) and grey-headed (*P. poliocephalus*) flying-foxes (Megachiroptera: Pteropodidae). *Australian Mammalogy* 18: 19–26.
- Williams, C.B., Singh, B.P. & El Ziady, S. (1956) An investigation into the possible effects of moonlight on the activity of insects in the field. *Proceedings of the Royal Entomological Society of London A* 31: 135–44.
- Williamson, M.M., Hooper, P.T., Selleck, P.W., Gleeson, L.J., Daniels, P.W., Westbury, H.A. & Murray, P.K. (1998) Transmission studies of Hendra virus (equine morbillivirus) in flying-foxes, horses and cats. *Australian Veterinary Journal* 76: 813–18.
- Wilson, D.E. (1988a) Maintaining bats for captive studies. In T.H. Kunz (Ed.) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington, pp. 247–64.
- Wilson, P. (1988b) Veterinary treatment of bats. In D.I. Bryden (Ed.) *Australian Wildlife*. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney, pp. 517–29.
- Wilson, D.E. & Reeder, D.M. (1993) *Mammal Species of the World*. Smithsonian Institution Press, Washington.
- Young, P.L. (1996) Possible reservoir host of equine morbillivirus identified. *Communicable Disease Intelligence* 20: 262.
- Young, P.L., Halpin, K., Selleck, P.W., Field, H., Gravel, J.L. *et al.* (1996) Seriological evidence for the presence in *Pteropus* bats of a paramyxovirus related to equine morbillivirus. *Emerging infectious Diseases* 2: 239–40.
- Young, R.A. (1975) Aging criteria, pelage colour polymorphism and moulting in *Rhinolophus megaphyllus* (Chiroptera) from south-eastern Queensland, Australia. *Mammalia* 39: 75–111.
- Young, R.A. (1979) Observations on parturition, litter size and foetal development at birth in the chocolate wattled bat, *Chalinolobus morio* (Vespertilionidae). *Victorian Naturalist* 96: 90–91.
- mouse, *Pseudomys chapmani*, at Marandoo, Western Australia. *Wildlife Research* 24: 295–305.
- Ashton, P. (1986) Rats: Public health in Sydney, 1900. In D. Stewart (Ed.) *Case Studies in Australian History*. Heinemann Educational Australia, Richmond, Victoria, pp. 94–109.
- Aslin, H.J. (1972) Nest-building of *Leporillus conditor* in captivity. *South Australian Naturalist* 47: 43–46.
- Aslin, H.J. & Watts, C.H.S. (1980) Breeding of a captive colony of *Notomys fuscus* Wood Jones (Rodentia: Muridae). *Australian Wildlife Research* 7: 379–83.
- Austin, M.A. (1997) *A Practical Guide to the Successful Hand Rearing of Tasmanian Marsupials*. Regal Publications, Melbourne.
- Barnett, S.A. & Stewart, A.P. (1975) Audible signals during intolerant behaviour of *Rattus fuscipes*. *Australian Journal of Zoology* 23: 103–12.
- Barnett, S.A. (2001) *The Story of Rats: Their Impact on Us, and Our Impact on Them*. Allen & Unwin, Sydney.
- Baverstock, P.R., Spencer, L. & Pollard, C. (1976) Water balance of small lactating rodents. II. Concentration and composition of milk of females on *ad libitum* and restricted water intakes. *Comparative Biochemistry and Physiology* 53A: 47–52.
- Begg, R.J. & Nelson, J.E. (1977) The agonistic behaviour of *Rattus villosissimus*. *Australian Journal of Zoology* 25: 291–327.
- Begg, R.J. & Dunlop, C.R. (1980) Security eating, and diet in the large rock-rat, *Zyzomys woodwardi* (Rodentia: Muridae). *Australian Wildlife Research* 7: 63–70.
- Begg, R.J. (1981) The small mammals of Little Nourlangie Rock, N.T. IV. Ecology of *Zyzomys woodwardi*, the large rock-rat, and *Z. argurus*, the common rock-rat. *Australian Wildlife Research* 8: 307–20.
- Begg, R., Walsh, B., Woerle, F. & King, S. (1983) Ecology of *Melomys burtoni*, the grassland melomys (Rodentia: Muridae) at Coburg Peninsula, N.T. *Australian Wildlife Research* 10: 259–67.
- Begg, R.J. & Dunlop, C.R. (1985) The diets of the large rock-rat, *Zyzomys woodwardi*, and the common rock-rat, *Z. argurus* (Rodentia: Muridae). *Australian Wildlife Research* 12: 19–24.
- Bellamy, D., Berry, R.J., Jakobson, M.E., Lidicker, W.Z., Morgan, J. & Murphy, H.M. (1973) Ageing in an island population of the house mouse. *Age and Ageing* 2: 235–50.
- Berry, R.J. & Truslove, G.M. (1968) Age and eye lens weight in the house mouse. *Journal of Zoology* 155: 247–52.
- Booth, R. (1999) 'Macropods: Hand raising, husbandry, diseases and rehabilitation'. *Wildlife Veterinary Notes*.
- Bradley, A.J., Kemper, C.M., Kitchener, D.J., Humphreys, W.F., How, R.A. & Schmitt, L.H. (1988) Population biology of the common rock-rat, *Zyzomys argurus*, in tropical north-western Australia. *Journal of Mammalogy* 69: 749–64.
- Braithwaite, R.W. (1977) Preliminary observations on the activity patterns of *Rattus lutreolus* and other Victorian small mammals. *Victorian Naturalist* 94: 216–19.

## Chapter 11 – Rodents

- Anstee, S.D. (1996) Use of external mound structures as indicators of the presence of the pebble mouse, *Pseudomys chapmani*, in mound systems. *Wildlife Research* 23: 429–34.
- Anstee, S.D., Roberts, J.D. & O'Shea, J.E.O. (1997) Social structure and patterns of movement of the western pebble-

- Braithwaite, R.W. & Lee, A.K. (1979) The ecology of *Rattus lutreolus*. I. A Victorian heathland population. *Australian Wildlife Research* 6: 173–89.
- Braithwaite, R.W. (1980) The ecology of *Rattus lutreolus*. II. Reproductive tactics. *Australian Wildlife Research* 7: 53–62.
- Braithwaite, R.W. & Brady, P. (1993) The delicate mouse, *Pseudomys delicatulus*: a continuous breeder waiting for the good times. *Australian Mammalogy* 16: 94–98.
- Brandle, R. & Moseby, K.E. (1999) Comparative ecology of two populations of *Pseudomys australis* in northern South Australia. *Wildlife Research* 26: 541–64.
- Braude, S. & Ciszek, D. (1998) Survival of naked mole-rats marked by implantable transponders and toe-clipping. *Journal of Mammalogy* 70: 360–63.
- Breakey, D.R. (1963) The breeding season and age structure of feral house mouse populations near San Francisco Bay, California. *Journal of Mammalogy* 44: 153–68.
- Breed, W.G. (1975) Environmental factors and reproduction in the female hopping mouse *Notomys alexis*. *Journal of Reproduction and Fertility* 45: 273–81.
- Breed, W.G. (1976a) Effects of environment on ovarian activity of wild hopping mice (*Notomys alexis*). *Journal of Reproduction and Fertility* 47: 395–97.
- Breed, W.G. (1976b) Effect of differing environments on the oestrous cycle and ovulation rates in several species of native Australian rats. *Journal of Reproduction and Fertility* 46: 513–14.
- Breed, W.G. (1978) Ovulation rates oestrous cycle lengths in several species of Australian native rats (*Rattus* sp.) from various habitats. *Australian Journal of Zoology* 26: 475–80.
- Breed, W.G. (1979) The reproductive rate of the hopping-mouse *Notomys alexis* and its ecological significance. *Australian Journal of Zoology* 27: 177–94.
- Breed, W.G. (1989) Comparative studies on the reproductive biology of three species of laboratory bred Australian conilurine rodent (Muridae: Hydromyidae). *Journal of Zoology* (London) 217: 683–99.
- Breed, W.G. (1990a) Copulatory behaviour and coagulum formation in the female reproductive tract of the Australian hopping mouse, *Notomys alexis*. *Journal of Reproduction and Fertility* 88: 17–24.
- Breed, W.G. (1990b) Comparative studies on the timing of reproduction and foetal number in six species of Australian conilurine rodents (Muridae: Hydromyinae). *Journal of Zoology* (London) 221: 1–10.
- Breed, W.G. & Washington, J.M. (1991) Mating behaviour and insemination in the hopping mouse, *Notomys alexis*. *Journal of Reproduction and Fertility* 93: 187–94.
- Breed, W.G. & Adams, M. (1992) Breeding systems of spinifex hopping mice (*Notomys alexis*) and plains rats (*Pseudomys australis*): a test for multiple paternity within the laboratory. *Australian Journal of Zoology* 40: 13–20.
- Breed, W.G. (1995) Sandy inland mouse *Pseudomys hermannsburgensis*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 604–5.
- Breed, W.G. (1997) Interspecific variation of testis size and epididymal sperm numbers in Australasian rodents with special reference to the genus *Notomys*. *Australian Journal of Zoology* 45: 651–69.
- Brisbane, K. (1998) A rare occasion! The rediscovery of the central rock rat *Zyzomys pedunculatus* in the Western MacDonnell National Park. ARAZPA/ASZK Conference Proceedings. Taronga Zoo, 22–27 March.
- Bubela, T.M., Happold, D.C.D. & Broome, L.S. (1991) Home range and activity of the broad-toothed rat, *Mastacomys fuscus*, in subalpine heathland. *Wildlife Research* 18: 39–48.
- Bubela, T.M. & Happold, D.C.D. (1993) The social organisation and mating system of an Australian subalpine rodent, the broad-toothed rat, *Mastacomys fuscus* Thomas. *Wildlife Research* 20: 405–17.
- Burbidge, A.A. & McKenzie, N.L. (1989) Patterns in the modern decline of Western Australia's vertebrate fauna: Causes and conservation implications. *Biological Conservation* 50: 143–98.
- Calaby, J.H. & Taylor, J.M. (1983) Breeding in wild populations of the Australian rock-rats, *Zyzomys argurus* and *Z. woodwardi*. *Journal of Mammalogy* 64: 610–16.
- Calaby, J.H. & Wimbush, D.J. (1964) Observations on the broad-toothed rat *Mastacomys fuscus* Thomas. *CSIRO Wildlife Research* 9: 123–33.
- Calver, M.C., King, D.R., Gardner, J.L. & Martin, G.R. (1991) Total Food consumption of some native Australian small mammals in the laboratory. *Australian Mammalogy* 14: 139–42.
- Carron, P.L. (1985) The ecology of three species of small mammals in subalpine habitat. PhD Thesis. Australian National University, Canberra.
- Carron, P.L., Happold, C.D. & Bubela, T.M. (1990) Diet of two sympatric Australian subalpine rodents, *Mastacomys fuscus* and *Rattus fuscipes*. *Australian Wildlife Research* 17: 479–89.
- Carstairs, J.L. (1972) Reproduction and development of *Rattus villosissimus* in captivity (Abstract). *Australian Mammalogy* 1: 403.
- Champlin, A.K., Dorr, D.L. & Gates, A.H. (1973) Determining the stage of estrous cycle in the mouse by the appearance of the vagina. *Biological of Reproduction* 8: 491–94.
- Cockburn, A. (1981a) Population regulation and dispersion of the smoky mouse *Pseudomys fumeus* II. Spring decline, breeding success and habitat heterogeneity. *Australian Journal of Ecology* 6: 255–66.
- Cockburn, A. (1981b) Population processes of the silky desert mouse *Pseudomys apodemoides* (Rodentia) in mature heathlands. *Australian Wildlife Research* 8: 499–514.
- Copley, P. (1988) *The Stick-nest Rats of Australia*. Department of Environment and Planning, South Australia.
- Copley, P. (1999) Natural histories of Australia's stick-nest rats, genus *Leporillus* (Rodentia: Muridae). *Wildlife Research* 26: 513–39.

- Cox, W.M. & Mueller, A.J. (1936) The composition of milk from stock rats and an apparatus for milking small laboratory animals. *Journal of Nutrition* 13: 249–61.
- Crichton, E.G. (1969) Reproduction in the pseudomyine rodent *Mesembriomys gouldii* (Gray) (Muridae). *Australian Journal of Zoology* 17: 785–97.
- Crichton, E.G. (1974) Aspects of reproduction in the genus *Notomys* (Muridae). *Australian Journal of Zoology* 22: 439–47.
- Dahl, K. (1897) Biological notes on North-Australian mammals. *The Zoologist* (4)1: 189–216.
- Dewsbury, D.A. & Hodges, A.W. (1987) Copulatory behaviour and related phenomena in spiny mice (*Acomys cahirinus*) and hopping mice (*Notomys alexis*). *Journal of Mammalogy* 69: 19–27.
- Dickman, C.R., Leung, L.K.-P. & Van Dyck, S.M. (2000) Status, ecological attributes and conservation of native rodents in Queensland. *Wildlife Research* 27: 333–46.
- Dwyer, P.D. (1975) Observations on the breeding biology of some New Guinea murid rodents. *Australian Wildlife Research* 2: 33–45.
- Dwyer, P.D. (1978) A study of *Rattus exulans* (Peale) (Rodentia: Muridae) in the New Guinea highlands. *Australian Wildlife Research* 5: 221–48.
- Egosque, H.J. (1970) A laboratory colony of the Polynesian rat, *Rattus exulans*. *Journal of Mammalogy* 51: 261–66.
- Fielding, J.W. (1927) Observations on rodents and their parasites. *Journal of the Royal Society of New South Wales* 61: 115–34.
- Finlayson, H.H. (1941) On central Australian mammals. Pt. 2. The Muridae. *Transactions of the Royal Society of South Australia* 65: 215–33.
- Finlayson, H.H. (1960) *Rattus greyi* Gray and its derivatives. *Transactions of the Royal Society of South Australia* 83: 123–47.
- Flannery, T. (1995a) *Mammals of the South-West Pacific & Moluccan Islands*. Reed Books, Sydney.
- Flannery, T. (1995b) *Mammals of New Guinea*. 2nd Edn. Australian Museum/Reed Books, Sydney.
- Fox, B.J. (1979) Growth and development of *Rattus lutreolus* (Rodentia: Muridae) in the laboratory. *Australian Journal of Zoology* 27: 945–57.
- Fox, B.J. & Murray, J.D. (1979) Laboratory hybridisation of Australian *Rattus fuscipes* and *Rattus lutreolus* and its karyotypic confirmation. *Australian Journal of Zoology* 27: 691–98.
- Fox, B.J. & Kemper, C.M. (1982) Growth and development of *Pseudomys gracilicaudatus* (Rodentia: Muridae) in the laboratory. *Australian Journal of Zoology* 30: 175–85.
- Fox, B.J. (1985) A graphical method for estimating length of gestation and estrous cycle length from birth intervals in rodents. *Journal of Mammalogy* 66: 168–73.
- Friend, G.R. (1987) Population ecology of *Mesembriomys gouldii* (Rodentia: Muridae) in the wet-dry tropics of the Northern Territory. *Australian Wildlife Research* 14: 293–303.
- Friend, G.R. & Calaby, J.H. (1995) Black-footed Tree-Rat *Mesembriomys gouldii*, pp. 564–66. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney.
- Freeland, W.J. (1972) A rainforest and its rodents. MSc Thesis. University of Queensland, Brisbane.
- Glazebrook, J.W., Campbell, R.S.F., Hutchinson, G.W. & Stallman, N.D. (1978) The occurrence and distribution of zoonotic infections in north Queensland rodents. *Australian Journal of Experimental Biology and Medical Science* 56: 147–56.
- Godthelp, H. (1999) Diversity, relationships and origins of the tertiary and quaternary rodents of Australia. *Australian Mammalogy* 21: 32–34.
- Green, R.J. (1967) The murids and small dasyurids of in Tasmania. Parts 1 and 2. *Records of the Queen Victoria Museum Launceston* 28: 1–19.
- Green, R.H. (1968) The murids and small dasyurids in Tasmania. Parts 3 and 4. *Records of the Queen Victoria Museum* 32: 1–19.
- Green, R.H. (1995) Long-tailed mouse *Pseudomys higginsii*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 605–6.
- Griffiths, A.D., Koenig, J., Carrol, F. & Price, O. (2002) Activity area and day-time tree use of the black-footed tree-rat *Mesembriomys gouldii*. *Australian Mammalogy* 23: 181–83.
- Happold, M. (1976a) Social behaviour of the conilurine rodents (Muridae) of Australia. *Zeitschrift für Tierpsychologie* 40: 113–82.
- Happold, M. (1976b) Reproductive biology and development in the conilurine rodents (Murine) of Australia. *Australian Journal of Zoology* 24: 19–26.
- Happold, D.C.D. (1989) Small mammals of the Australian Alps. In R. Good (Ed.) *The Scientific Significance of the Australian Alps*. Australian Academy of Science, Canberra, pp. 221–39.
- Harkness, J.E. & Wagner, J.E. (1995) *The Biology and Medicine of Rabbits and Rodents*. Williams & Wilkins, Baltimore.
- Horner, B.E. & Taylor, J.M. (1958) Breeding of *Rattus assimilis* in captivity. *Journal of Mammalogy* 39: 301–2.
- Horner, B.E. & Taylor, J.M. (1965) Systematic relationships among *Rattus* in southern Australia: evidence from cross-breeding experiments. *CSIRO Wildlife Research* 10: 101–9.
- Horner, B.E. & Taylor, J.M. (1969) Paternal behaviour in *Rattus fuscipes*. *Journal of Mammalogy* 50: 803–5.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Irby, D.C., Kerr, J.B., Risbridger, G.P. & De Kretser, D.M. (1984) Seasonally and experimentally induced changes in testicular function of the Australian bush rat (*Rattus fuscipes*). *Journal of Reproduction and Fertility* 70: 657–66.

- Jenness, R. & Sloan, R.E. (1970) The composition of milks of various species: a review. *Dairy Science Abstracts* 32: 599–612.
- Johnston, T.H. & Angel, L.M. (1951) The life history of *Plagiorchis jaenschi*, a new trematode from the Australian water rat. *Transactions of the Royal Society of South Australia* 74: 49–58.
- Johnston, T.H. & Mawson, P.M. (1952) Some nematodes from Australian birds and mammals. *Transactions of the Royal Society of South Australia* 75: 30–37.
- Kaldor, I. & Ezekiel, E. (1962) Iron content of mammalian breast milk: measurements in the rat and in a marsupial. *Nature* 196: 175.
- Kemper, C.M. (1976a) Reproduction of *Pseudomys novaehollandiae* (Muridae) in the laboratory. *Australian Journal of Zoology* 24: 159–67.
- Kemper, C.M. (1976b) Growth and development of the Australian murid *Pseudomys novaehollandiae*. *Australian Journal of Zoology* 24: 27–37.
- Kemper, C.M. (1979) Growth of an Australian murid (*Pseudomys novaehollandiae*) in the wild. *Acta Theriologica* 24: 257–66.
- Kemper, C.M. (1980) Reproduction of *Pseudomys novaehollandiae* (Muridae) in the wild. *Australian Wildlife Research* 7: 385–402.
- Kemper, C.M. (1995) Brush-tailed Tree-rat *Conilurus penicillatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 553–54.
- Lacy, R.C. & Horner, B.E. (1997) Effects of inbreeding on reproduction and sex ratio of *Rattus villosissimus*. *Journal of Mammalogy* 78: 877–87.
- Lee, A.K. (1995) *The Action Plan for Australian Rodents*. Australian Nature Conservation Agency, Canberra.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edn. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Le Souef, A.S. (1922) Notes on the nesting and breeding habits of the house building rat (*Conilurus conditor*) and Banfield's rat (*Uromys banfieldi*). *Australian Zoologist* 3: 15–16.
- Le Souef, A.S. & Burrell, H. (1926) *The Wild Animals of Australasia*. Harrap, London.
- Leung, L. (1999a) Ecology of Australian tropical rainforest mammals. II. The Cape York melomys, *Melomys capensis* (Muridae: Rodentia). *Wildlife Research* 26: 307–16.
- Leung, L. (1999b) Ecology of Australian tropical rainforest mammals. III. The Cape York rat, *Rattus leucopus* (Muridae: Rodentia). *Wildlife Research* 26: 317–28.
- Lidicker, W.Z. (1966) Ecological observations on a feral house mouse population declining to extinction. *Ecological Monographs* 36: 27–50.
- Lidicker, W.Z. jr & Maclean, S.F. jr (1969) A method for estimating age in California vole *Microtus californicus*. *American Midlands Naturalist* 82: 450–70.
- Lindner, E. & Fuelling, O. (2002) Marking methods in small mammals: ear-tattoo as an alternative to toe-clipping. *Journal of Zoology* (London) 256: 159–63.
- Lloyd, K. (1998) The laboratory rat as an inter-species foster-mother for an Australian rodent. *Thylacinus* 22: 6–7.
- Lloyd, K. (1999) The behaviour of the endangered Carpentarian Rock Rat (*Zyzomys palatalis*) in captivity. ARAZPA/ASZK Conference, Alice Springs Desert Park, Alice Springs.
- Long, J.A. & Evans, H.M. (1922) The oestrous cycle of the rat and its associated phenomena. *Memoirs of the University of California* 6: 1–148.
- Luckey, T.D., Mende, T.J. & Pleasants, J. (1955) The physical and chemical characterisation of rat's milk. *Journal of Nutrition* 54: 345–59.
- Lunney, D. (1978) Ecology of *Rattus lutreolus*. MSc Thesis. University of Sydney, Sydney.
- Luo, J., Fox, B.J. & Jeffreys, E. (1994) Diet of the eastern chestnut mouse (*Pseudomys gracilicaudata*). I. Composition, diversity and individual variation. *Wildlife Research* 21: 401–17.
- McDougall, W.A. (1944) An investigation of the rat pest problem in Queensland canefields: 2. Species and general habits. *Queensland Journal of Agricultural Science* 1: 48–78.
- McDougall, W.A. (1946) An investigation of the rat pest problem in Queensland canefields. Part 4. Breeding and life histories. *Queensland Journal of Agricultural Science* 3: 1–43.
- McEvedy, C. (1988) The bubonic plague. *Scientific American* 258: 74–79.
- McKenzie, N.L. & Kerle, J.A. (1995) Golden-backed Tree-rat *Mesembryonys macrurus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 566–68.
- Mackie, J., Booth, R. & Caton, W. (1997) CAR bacillus infection in spinifex hopping-mice with pneumonia. In A.W. English (Ed.) *Australian Association of Conservation Biologists*. Proceedings, pp. 137–39.
- McNally, J. (1960) The biology of the water rat *Hydromys chrysogaster* Geoffroy (Muridae: Hydromyinae) in Victoria. *Australian Journal of Zoology* 8: 170–80.
- Magnusson, W.E., Webb, G.J.W. & Taylor, J.A. (1976) Two new locality records, a new habitat and a nest description for *Xeromys myoides* Thomas (Rodentia: Muridae). *Australian Wildlife Research* 3: 153–57.
- Mahoney, J.A. & Richardson (1988) Muridae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. Mammalia. Australian Government Publishing Service, Canberra, pp. 154–92.
- Mallick, S.A. (1992) Urine-marking in three species of *Rattus*. *Wildlife Research* 19: 89–93.
- Monamy, V. (1995) Population dynamics of, and habitat use by, Australian native rodents in wet sclerophyll forest, Tasmania. I. *Rattus lutreolus velutinus* (Rodentia: Muridae). *Wildlife Research* 22: 647–60.

- Moore, L.A. (1995) Giant White-tailed Rat *Uromys caudimaculatus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 638–40.
- Moro, D. & Morris, K. (2000a) Movements and refugia of Lakeland Downs short-tailed mice, *Leggadina lakedownensis*, and house mice, *Mus domesticus*, on Thevenard Island, Western Australia. *Wildlife Research* 27: 11–20.
- Moro, D. & Morris, K. (2000b) Population structure and dynamics of sympatric house mice, *Mus domesticus*, and Lakeland Downs short-tailed mice, *Leggadina lakedownensis*, on Thevenard Island, Western Australia. *Wildlife Research* 27: 257–68.
- Morton, S.R., Brown, J.H., Kelt, D.A. & Reid, J.R.W. (1994) Comparisons of community structure among small mammals of North American and Australian deserts. *Australian Journal of Zoology* 42: 501–25.
- Murray, B.R. & Dickman, C.R. (1994) Granivory and microhabitat use in Australian desert rodents: are seeds important? *Oecologia* 99: 216–25.
- Murray, B.R., Dickman, C.R., Watts, C.H.S. & Morton, S.R. (1999) The dietary ecology of Australian desert rodents. *Wildlife Research* 26: 421–37.
- Myers, K., Carstairs, J. & Gilbert, N. (1977) Determination of age of indigenous rats in Australia. *Journal of Wildlife Management* 41: 322–26.
- Myers, P. (1978) A method for determining the age of living small mammals. *Journal of Zoology* (London) 186: 551–56.
- Norton, T.W. (1987a) The ecology of small mammals in north-eastern Tasmania. II. *Pseudomys novaehollandiae* and the introduced *Mus musculus*. *Australian Wildlife Research* 14: 435–41.
- Norton, T.W. (1987b) The ecology of small mammals in north-eastern Tasmania. I. *Rattus lutreolus velutinus*. *Australian Wildlife Research* 14: 415–33.
- Nowak, R.M. (1991) *Walker's Mammals of the World*. The Johns Hopkins University Press, Baltimore.
- Obendorf, D.L. & Smales, L.R. (1985) The internal parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Tasmania. *Australian Journal of Zoology* 33: 33–38.
- Oftedal, I.T. & Iverson, S.J. (1995) Comparative analysis of nonhuman milks. In R.G. Jensen (Ed.) *Handbook of Milk Composition*. Academic Press, New York, pp. 749–89.
- Olsen, P. (1982) Reproductive biology and development of the water rat, *Hydromys chrysogaster*, in captivity. *Australian Wildlife Research* 9: 39–53.
- Olsen, P.D. (1995) Water rat *Hydromys chrysogaster*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 628–29.
- Plomley, N.J.B. (1972) Some notes on plagues of small mammals in Australia. *Journal of Natural History* 6: 363–84.
- Pope, J.H., Bicks, V.A. & Cook, I. (1957) Toxoplasma in Queensland: natural infections in bandicoots and rats. *Australian Journal of Experimental Biology* 35: 481–90.
- Predavec, M. & Dickman, C.R. (1994) Population dynamics and habitat use of the long-haired rat (*Rattus villosissimus*) in south-western Queensland. *Wildlife Research* 21: 1–10.
- Presidente, P.J.A. (1982) Common ringtail possum *Pseudocheirus peregrinus*: maintenance in captivity, blood values and diseases. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 75–81.
- Press, A.J. (1987) Comparison of the demography of populations of *Rattus fuscipes* living in cool temperate rainforests and dry sclerophyll forests. *Australian Wildlife Research* 14: 45–63.
- Pye, T. (1991) The New Holland mouse (*Pseudomys novaehollandiae*) (Rodentia: Muridae) in Tasmania: a field study. *Wildlife Research* 18: 521–31.
- Read, D.G. (1984) Diet and habitat preferences of *Leggadina forresti* (Rodentia: Muridae) in western New South Wales. *Australian Mammalogy* 7: 215–17.
- Read, J.L., Copley, P. & Bird, P. (1999) The distribution, ecology and current status of *Pseudomys desertor* in South Australia. *Wildlife Research* 26: 453–62.
- Redhead, T.D. (1979) On the demography of *Rattus sordidus colletti* in monsoonal Australia. *Australian Journal of Ecology* 4: 115–36.
- Reid, J.W.R. & Morton, S.R. (1995) Forrest's mouse *Leggadina forresti*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 555–56.
- Robinson, A.C. (1975) The stick-nest rat, *Leporillus conditor* on Franklin Island, Nuyts Archipelago, South Australia. *Australian Mammalogy* 1: 319–27.
- Robinson, A.C. (1987) The ecology of the bush rat, *Rattus fuscipes* (Rodentia: Muridae) in sherbrooke Forest, Victoria. *Australian Mammalogy* 11: 35–49.
- Robinson, J.F., Robinson, A.C., Watts, C.H.S. & Baverstock, P.R. (1978) Notes on rodents and marsupials and their ectoparasites collected in Australia 1974–1975. *Transactions of the Royal Society of South Australia* 102: 59–70.
- Salamon, M. & Klettenheimer, B. (1994) A new technique for marking and later recognising small mammals in the field. *Journal of Zoology* (London) 233: 314–17.
- Smales, L.R. & Cribb, T.H. (1997) Helminth parasite communities of the water-rat, *Hydromys chrysogaster*, from Queensland. *Wildlife Research* 24: 445–57.
- Smales, L.R., Obendorf, D.L. & Miller, A.K. (1990) Parasites of the water-rat *Hydromys chrysogaster* from Victoria and South Australia. *Australian Journal of Zoology* 37: 657–63.
- Smales, L.R. & Obendorf, D.L. (1996) Protozoan parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Queensland. *Journal of Wildlife Diseases* 32: 344–47.
- Smith, G.C. (1985) Biology and habitat usage of sympatric populations of fawn-footed melomys (*Melomys cervinipes*) and the grassland melomys (*M. burtoni*) (Rodentia: Muridae). *Australian Zoologist* 21: 551–63.

- Smith, J.R., Watts, C.H.S. & Crichton, E.G. (1972) Reproduction in the Australian desert rodents *Notomys alexis* and *Pseudomys australis* (Muridae). *Australian Mammalogy* 1: 1–7.
- Stanley, M. (1971) An ethogram of the hopping mouse *Notomys alexis*. *Zeitschrift für Tierpsychologie* 29: 225–58.
- Strahan, R. (1981) *A Dictionary of Australian Mammal Names*. Angus & Robertson, Sydney.
- Strahan, R. (1995) *The Mammals of Australia*. Reed Books, Sydney.
- Taylor, J.M. (1961) Reproductive biology of the Australian bush rat, *Rattus assimilis*. *University of California Publications in Zoology* 60: 1–66.
- Taylor, J.M. & Horner, B.E. (1970a) Observations of reproduction in *Leggadina* (Rodentia: Muridae). *Journal of Mammalogy* 51: 10–17.
- Taylor, J.M. & Horner, B.E. (1970b) Reproduction in the mosaic tailed rat *Melomys cervinipes* (Rodentia: Muridae). *Australian Journal of Zoology* 18: 171–84.
- Taylor, J.M. & Horner, B.E. (1971a) Reproduction in the Australian tree-rat *Conilurus penicillatus* (Rodentia: Muridae). *CSIRO Wildlife Research* 16: 1–9.
- Taylor, J.M. & Horner, B.E. (1971b) Sexual maturation in the Australian rodent *Rattus fuscipes assimilis*. *Australian Journal of Zoology* 19: 1–17.
- Taylor, J.M. & Horner, B.E. (1972a) Observations on the reproductive biology of *Pseudomys* (Rodentia: Muridae). *Journal of Mammalogy* 53: 318–28.
- Taylor, J.M. & Horner, B.E. (1972b) Breeding biology of three subspecies of the native Australian rat *Rattus fuscipes* in the laboratory. *Australian Mammalogy* 1: 8–13.
- Taylor, J.M. & Horner, B.E. (1973) Reproductive characteristics of wild native Australian *Rattus* (Rodentia: Muridae). *Australian Journal of Zoology* 21: 437–75.
- Taylor, J.M. & Calaby, J.H. (1988a) *Rattus lutreolus*. *Mammalian Species* 299: 1–7.
- Taylor, J.M. & Calaby, J.H. (1988b) *Rattus fuscipes*. *Mammalian Species* 298: 1–8.
- Telfer, S. & Breed, W.G. (1976) The effect of age on the female reproductive tract of the hopping mouse *Notomys alexis*. *Australian Journal of Zoology* 24: 533–40.
- Thompson, J.G.E. & Breed, W.G. (1982) The effect of the social environment on vaginal perforation and oestrous in the hopping-mouse *Notomys alexis*. *Australian Journal of Zoology* 30: 169–73.
- Troughton, E. (1941) Australian water-rats: their origins and habits. *Australian Museum Magazine* 7: 377–81.
- Van Dyck, S. (1995) False water rat *Xeromys myoides*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 630–31.
- Van Dyck, S. (1996) *Xeromys myoides* Thomas, 1889 (Rodentia: Muridae) in mangrove communities of North Stradbroke Island, southeast Queensland. *Memoirs of the Queensland Museum* 42: 337–66.
- Venkatachalem, P.A. & Ramanathan, K.S. (1964) Effect of protein deficiency during gestation and lactation on body weight and composition of offspring. *Journal of Nutrition* 84: 38–42.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Proceedings 327. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–87.
- Wallis, R.L., Brunner, H. & Menkhorst, P.W. (1982) Victorian field studies on the broad-toothed rat (*Mastacomys fuscus* Thomas). *Victorian Naturalist* 99: 12–21.
- Warden, J.C. & Wallis, R.L. (1979) Further data on activity patterns of small mammals. *Victorian Naturalist* 96: 54–55.
- Warneke, R.M. (1971) Field study of the bush rat (*Rattus fuscipes*). *Wildlife Contributions, Victoria* 14: 1–115.
- Watts, C.H.S. (1970) The foods eaten by some Australian desert rodents. *South Australian Naturalist* 44: 71–4.
- Watts, C.H.S. (1972) *Handbook of South Australian Rodents and Small Marsupials*. Field Naturalists Society of South Australia, Adelaide.
- Watts, C.H.S. (1973) The Australian rodents *Notomys alexis* and *Pseudomys australis* as laboratory animals. *Experimental Animals* 22 (suppl): 179–85.
- Watts, C.H.S. & Eves, B.M. (1976) Notes on the nests and diet of the white-tailed sticknest rat *Leporillus apicalis* in northern South Australia. *South Australian Naturalist* 51: 9–12.
- Watts, C.H.S. (1977) The foods eaten by some Australian rodents (Muridae). *Australian Wildlife Research* 4: 151–57.
- Watts, C.H.S. (1979a) Body growth in some Australian rodents. *Australian Zoologist* 20: 297–303.
- Watts, C.H.S. (1979b) Reproductive parameters of some Australian rodents. *Australian Zoologist* 20: 305–10.
- Watts, C.H.S. (1980) Success rates in founding captive colonies of Australian rodents and marsupials. *International Zoo Yearbook* 20: 245–53.
- Watts, C.H.S. & Aslin, H.J. (1981) *The Rodents of Australia*. Angus and Robertson, Sydney.
- Watts, C.H.S. (1982a) Australian hydromyine rodents: maintenance of captive colonies. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. The Zoological Board of Victoria, Melbourne, pp. 180–84.
- Watts, C.H.S. (1982b) The husbandry of Australian *Rattus*. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. The Zoological Board of Victoria, Melbourne, pp. 177–79.
- Watts, C.H.S. (1995) Plains Rat *Pseudomys australis*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 586–87.
- White, R.M., Kennaway, D.J. & Seamark, R.F. (1996) Reproductive seasonality of the bush rat (*Rattus fuscipes greyi*) in South Australia. *Wildlife Research* 23: 317–36.
- Williams, R. (1990) Rodents. In S.J. Hand (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 185–90.
- Wilson, D.E. & Reeder, D.M. (1993) *Mammal Species of the World*. Smithsonian Institution Press, Washington.

- Winter, J.W. & Whitford, D. (1995) Prehensile-tailed Rat *Pogonomys mollipilosus*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 643–45.
- Wirtz, W.O. II. (1973) Growth and development of *Rattus exulans*. *Journal of Mammalogy* 54: 189–202.
- Wood, D.H. (1971) The ecology of *Rattus fuscipes* and *Melomys cervinipes* (Rodentia: Muridae) in a south-east Queensland rain forest. *Australian Journal of Zoology* 19: 371–92.
- Wood, M.D. & Slade, N.A. (1990) Comparison of ear-tagging and toe-clipping in prairie voles, *Microtus ochrogaster*. *Journal of Mammalogy* 71: 252–55.
- Woods, R. & Kennedy, G. (1997) Circadian activity rhythms of captive heath rats (*Pseudomys shortridgei*). *Wildlife Research* 24: 459–68.
- Woods, R.E. & Ford, F.D. (2000) Observations on the behaviour of the smoky mouse *Pseudomys fumeus* (Rodentia: Muridae). *Australian Mammalogy* 22: 35–42.
- Woollard, P., Vestjens, W.J.M. & Maclean, L. (1978) The ecology of the eastern water rat *Hydromys chrysogaster* at Griffiths, NSW: food and feeding habits. *Australian Wildlife Research* 5: 59–73.
- Yom-Tov, Y. (1985) The reproductive rates of Australian rodents. *Oecologia* 66: 250–55.
- Young, D.A.B. (1965) A photoperiod influence on the growth rates in rats. *Journal of Experimental Zoology* 160: 241–46.
- Catling, P.C., Corbett, L.K. & Newsome, A.E. (1992) Reproduction in captive and wild dingoes (*Canis familiaris dingo*) in temperate and arid environments of Australia. *Wildlife Research* 19: 195–209.
- Coman, B.J. (1972) Helminth parasites of the dingo and feral dog in Victoria with some notes on the diet of the host. *Australian Veterinary Journal* 48: 456–61.
- Corbett, L. (1974) Contributions to the biology of the dingoes (Carnivora: Canidae) in Victoria. MSc Thesis. Monash University, Melbourne.
- Corbett, L.K. & Newsome, A.E. (1975) Dingo society and its maintenance: A preliminary analysis. In M.W. Fox (Ed.) *The Wild Canids: Their Systematics, Behavioural Ecology and Evolution*. Krieger, Florida, pp. 369–79.
- Corbett, L.K. (1985) Morphological comparisons of Australian and Thai dingoes: a reappraisal of dingo status, distribution and ancestry. *Proceedings of the Ecological Society of Australia* 13: 277–91.
- Corbett, L.K. & Newsome, A.E. (1987) The feeding ecology of the dingo. III. Dietary relationships with widely fluctuating prey populations in arid Australia: an hypothesis of alteration of predation. *Oecologia* 74: 215–27.
- Corbett, L.K. (1988) Social dynamics of a captive dingo pack: population regulation by dominant female infanticide. *Ethology* 78: 177–98.
- Corbett, L.K. (1995) Dingo *Canis lupus dingo*. In R. Strahan (Ed.) *The Mammals of Australia*. Reed Books, Sydney, pp. 696–98.
- Corbett, L. (2001a) *The Dingo in Australia and Asia*. JB Books, Sydney.
- Corbett, L. (2001b) The conservation status of dingoes (*Canis lupus dingo*) in Australia, with particular reference to New South Wales: threats to pure dingoes and potential solution. In C.R. Dickman & D. Lunney (Eds) *A Symposium on the Dingo*. Royal Zoological Society of New South Wales, Sydney, pp. 10–19.
- Corbett, L. (2003) The Australian dingo. In J.R. Merrick, M. Archer, G. Hickey, & M. Lee (Eds) *Evolution and Zoogeography of Australasian Fauna*. Australian Scientific Publishing, Sydney. In press.
- Crandall, L.S. (1964) *The Management of Wild Mammals in Captivity*. University of Chicago Press, Chicago.
- Desmarest, A.G. (1820) *Encyclopedie Methodique. Livr. 89. Mammalogie ou description des especes de mammiferes*. Agasse, Paris.
- Fancy, S.G. (1980) Preparation of mammalian teeth for age determination by cementum layers: a review. *Wildlife Society Bulletin* 8: 242–48.
- Fleming, P., Corbett, L., Harden, B. & Thomson, P. (2001) *Managing the Impacts of Dingoes and other Wild Dogs*. Bureau of Rural Sciences, Canberra.
- Gier, H.T. (1968) Coyotes in Kansas. *Kansas Agricultural Experiment Station Bulletin* 393.
- Gray, J.E. (1826) Vertebrata. Mammalia. In P.P. King (Ed.) *Narrative of a Survey of the Intertropical and Western Coast of Australia*. Murray, London, pp. 412–15.

## Chapter 12 – Dingoes

- Allsopp, N.B. (1998) Canine enrichment program. *Thylacinus* 22(1): 39–43.
- Anderson, H.D., Johnson, B.C. & Arnold, A. (1940) The composition of dog's milk. *American Journal of Physiology* 129: 631–34.
- Anderson, R.S., Carlos, G.M., Robinson, I.P. Booles, D., Burger, I.H. & Whyte, A.L. (1991) Zinc, copper, iron and calcium concentrations in bitch milk. *Journal of Nutrition* 121: S81–S82.
- Australian Dingo Conservation Association (ADCA) (1996) *The Australian Dingo Handbook*. Australian Dingo Conservation Association Incorporated, Australian Capital Territory.
- Barrette, V.T. (2002) Puppies. In L.J. Gage (Ed.) *Hand-Rearing Wild and Domestic Mammals*. Iowa State Press, Iowa, pp. 13–18.
- Ben Shaul, D.M. (1962) The composition of the milk of wild animals. *International Zoo Yearbook* 4: 333–42.
- Blood, D.C. & Studdert, V.P. (1999) *Saunders Comprehensive Veterinary Dictionary*. WB Saunders, London.
- Boden, E. (1998) *Black's Veterinary Dictionary*. A & C Black, London.
- Breckwoldt, R. (1988) *The Dingo – A Very Elegant Animal*. Angus & Robertson, Sydney.
- Catling, P.C., Corbett, L.K. & Westcott, M. (1991) Age determination in the dingo and crossbreeds. *Wildlife Research* 18: 75–83.

- Green, B. & Catling, P. (1977) The biology of the dingo. In H. Messel & S.T. Butler (Eds) *Australian Animals and their Environment*. Shakespeare Head Press, Sydney, pp. 51–60.
- Harden, R.H. (1985) The ecology of the dingo in north-eastern new South Wales. I. Movements and home range. *Australian Wildlife Research* 12: 25–37.
- Hine, R.S. (1988) *Concise Veterinary Dictionary*. Oxford University Press, Oxford.
- Hodgman S.F.J. (1976) Obstetrical and paediatric nursing and the principles of breeding. (a) obstetrical nursing and the principles of breeding in the dog. In R.S. Pinniger (Ed.) *Jones's Animal Nursing*. Pergamon Press, Oxford, pp. 427–39.
- Hunter, J. (1793) *An Historical Journal of the Transactions at Port Jackson and Norfolk Island, with the Discoveries which have been made in New South Wales and in the Southern Ocean*. J. Stockdale, London.
- Iben, C. & Leibetseder, J. (1994) Handrearing of orphaned puppies and kittens. *Journal of Nutrition* 124: 2630S–2632S.
- International Air Transport Association (IATA) (1999) *Live Animal Regulations*. International Air Transport Association, Montreal.
- Jenks, J.A., Bowyer, R.T. & Clark, A.G. (1984) Sex and age-class determination for fisher using radiographs of canine teeth. *Journal of Wildlife Management* 48: 626–28.
- Jenness, R. & Sloan, R.E. (1970) The composition of milks of various species: a review. *Dairy Science Abstracts* 32: 599–612.
- Jones, D.E. & Joshua, J.O. (1982) *Reproductive Clinical Problems in the Dog*. Wright, Bristol.
- Jones, E. & Stevens, P.L. (1988) Reproduction in wild canids, *Canis familiaris*, from the eastern highlands of Victoria. *Australian Wildlife Research* 15: 385–94.
- Jones, E. (1990) Physical characteristics and taxonomic status of wild canids, *Canis familiaris*, from the eastern highlands of Victoria. *Australian Wildlife Research* 17: 69–81.
- Kerr, R. (1792) *The Animal Kingdom*. Class 1. Mammalia. Murray & Faulder, London.
- Lauer, B.H., Kuyt, E. & Baker, B.E. (1969) Wolf milk. I. Arctic wolf (*Canis lupus arctos*) and husky milk: gross composition and fatty acid constitution. *Canadian Journal of Zoology* 47: 99–102.
- Lees, C. & Johnson, K. (2002) *Australasian Species Management Program: Regional Census and Plan*. 12th Edition. Australasian Regional Association of Zoological Parks and Aquaria, Sydney.
- Linhardt, S.B. & Knowlton, R.F.F. (1967) Determination of age of coyotes by tooth cementum layers. *Journal of Wildlife Management* 31: 362–68.
- Mahoney, J.A. & Richardson, B.J. (1988) Canidae. In D.W. Walton (Ed.) *Zoological Catalogue of Australia*. 5. Mammalia. Australian Government Publishing Service, Canberra, pp. 217–20.
- Matschie, P. (1915) Der Dingo-Hund des Macdonnell-Gebirges. *Sitzungs-Berichte Der Gesellschaft Naturforschender Freunde Zu Berlin* 4: 101–7.
- Meyer, F.A.A. (1793) *Systematisch-Summarische Uebersicht der neuesten Zoologischen Entdeckungen in Neuholland und Afrika. Nebst zwey andern Zoologischen Abhandlungen*. Dykischen, Leipzig.
- Nellis, C.H., Wetmore, S.P. & Keith, L.B. (1978) Age-related characteristics of coyote canines. *Journal of Wildlife Management* 42: 680–83.
- Newsome, A.E. & Corbett, L.K. (1985) The identity of the dingo. III. The incidence of dingoes, dogs and hybrids and their coat colours in remote and settled regions of Australia. *Australian Journal of Zoology* 33: 363–75.
- Newsome, A.E. & Coman, B.J. (1989) Canidae. In D.W. Walton & B.J. Richardson (eds) *Fauna of Australia. Mammalia*. Vol. 1B. Australian Government Publishing Service, Canberra, pp. 993–1005.
- New South Wales Exhibited Animal Protection Act (2003) Standards for Exhibiting Carnivores in New South Wales. New South Wales Department of Agriculture, Orange.
- Oftedal, O.T. (1984) Lactation in the dog: milk composition and intake by puppies. *Journal of Nutrition* 114: 803–12.
- Phillip, A. (1789) *The Voyage of Governor Phillip to Botany Bay, With an Account of the Establishment of the Colonies of Port Jackson & Norfolk Island Compiled from Authentic Papers... To which are added the Journals of Lieuts. Shortland, Watts, Ball & Capt. Marshall, With an Account of their Discoveries*. John Stockdale, London.
- Robertshaw, J.D. & Harden, R.H. (1985) The ecology of the dingo in north-eastern New South Wales. II. Diet. *Australian Wildlife Research* 12: 39–50.
- Robertshaw, J.D. & Harden, R.H. (1986) The ecology of the dingo in north-eastern New South Wales. IV. Prey selection by dingoes, and its effect on the major prey species, the swamp wallaby, *Wallabia bicolor* (Desmarest). *Australian Wildlife Research* 13: 141–63.
- Rogers, J.G. (1965) Analysis of the coyote population of Dona Ana County, New Mexico. MSc Thesis. New Mexico State University, University Park.
- Rothman, R.J. & Mech, L.D. (1979) Scent-marking in lone wolves and newly formed pairs. *Animal Behaviour* 27: 750–60.
- Rupprecht, C.E. (1999) Rabies: Global problems, zoonotic threat and preventative management. In M.E. Fowler (Ed.) *Zoo & Wild Animal Medicine*. Current Therapy 4. Saunders, Philadelphia, pp. 136–46.
- Schenkel, R. (1947) Expression studies of wolves. *Behaviour* 1: 81–129.
- Schenkel, R. (1967) Submission: Its features and function in the wolf and dog. *American Zoologist* 7: 319–29.
- Shaw, G. (1800) *General Zoology or Systematic Natural History*. G. Kearsley, London.
- Thomson, P.C. & Rose, K. (1992) Age determination of dingoes from characteristics of canine teeth. *Wildlife Research* 19: 597–99.
- Thomson, P.C. (1992a) The behavioural ecology of dingoes in north-western Australia. II. Activity patterns, breeding season and pup rearing. *Wildlife Research* 19: 519–30.

- Thomson, P.C. (1992b) The behavioural ecology of dingoes in north-western Australia. IV. Social and spatial organisation, and movements. *Wildlife Research* 19: 543–63.
- Thomson, P.C., Rose, K. & Kok, N.E. (1992) The behavioural ecology of dingoes in north-western Australia. V. Population dynamics and variation in the social system. *Wildlife Research* 19: 565–84.
- Turner, T. (1990) *Veterinary Notes for Dog Owners*. Popular Dogs, London.
- Vogelnest, L. (1999) Chemical restraint of Australian fauna. In D.I. Bryden (Ed.) *Wildlife in Australia: Healthcare & Management*. Post Graduate Foundation in Veterinary Science. University of Sydney, Sydney, pp. 149–186.
- Walters, B. (1995) *The Company of Dingoes: Two Decades with our Native Dog*. Australian Native Dog Conservation Society, Bargo, NSW.
- Wilton, A.N., Steward, D.J. & Zafiris, K. (1999) Microsatellite variation in the Australian dingo. *Journal of Heredity* 90: 108–111.
- Wilton, A.N. (2001) DNA methods of assessing dingo purity. In C.R. Dickman & D. Lunney (Eds) *A Symposium on the Dingo*. Royal Zoological Society on New South Wales, Sydney, pp. 49–56.
- Zuckerman, S. (1953) The breeding seasons of mammals in captivity. *Proceedings of the Zoological Society of London* 122: 827–950.

# BIBLIOGRAPHY

## Chapter 1 – Platypus

- Axford, T. (1829) Notice regarding the *Ornithorhynchus*. *Edinburgh New Philosophical Journal* 4: 411–13.
- Augee, M.L. (1976) Heat tolerance in monotremes. *Journal of Thermal Biology* 1: 181–84.
- Augee, M. (Ed.) (1978) *Monotreme Biology*. Royal Zoological Society of NSW, Sydney.
- Augee, M. (Ed.) (1992) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney.
- Barrett, C. (1941) *The Platypus*. Robertson and Mullens, Melbourne.
- Bennett, G. (1835) Notes on the natural history and habits of the *Ornithorhynchus paradoxus*. *Transactions of the Zoological Society of London* 1: 229–58.
- Best, R. & Hawkins, M. (1994) Introduction of platypus to captivity: monitoring of health and behaviour. *ARAZPA/ASZK Conference Proceedings*: (Notogea, Our World. Darwin, NT) 188–95.
- Burrell, H. (1921) Preliminary note on the breeding of *Ornithorhynchus* in 1920. *Australian Zoologist* 2: 20–23.
- Burrell, H. (1931) Miscellaneous notes on monotremes. *Australian Zoologist* 6: 387–92.
- Burrell, H. (1930) Observations on the platypus (*Ornithorhynchus anatinus*). *Australian Zoologist* 6: 301–4.
- Canfield, P.J. & Whittington, R.J. (1983). Morphological observations on the erythrocytes, leukocytes and platelets of free-living platypuses, *Ornithorhynchus anatinus* (Shaw) (Monotremata: Ornithorhynchidae). *Australian Journal of Zoology* 31: 421–32.
- Carrick, F.N. & Hughes, R.L. (1978) Reproduction in male monotremes. *Australian Zoologist* 20: 211–31.
- Crandall, L.S. (1966) Feeding the platypus *Ornithorhynchus anatinus* in captivity. *International Zoo Yearbook* 6: 67–68.
- Crowther, A.B. (1880) On some points of interest connected with the platypus. *Papers and Proceedings and Report of the Royal Society of Tasmania* 1880: 96–99.
- Dawson, T.J. & Fanning, D.F. (1981) Thermal and energetic problems of semiaquatic mammals: a study of the Australian water rat, including comparisons with the platypus. *Physiological Zoology* 54: 285–96.
- Eadie, R. (1934) The platypus in captivity. *Victorian Naturalist* 51: 3–11.
- Eadie, R. (1935) Hibernation in the platypus. *Victorian Naturalist* 52: 71–72.
- Evans, B.K., Jones, D.R., Baldwin, J. & Gabbott, G.R.J. (1994) Diving ability of the platypus. *Australian Journal of Zoology* 42: 17–27.
- Ewing, T. (1988) Platypus egg find may be revealing. *Nature* 336: 607.
- Faragher, R.A., Grant, T.R. & Carrick, F.N. (1979) Food of the platypus (*Ornithorhynchus anatinus*) with notes on the food of brown trout (*Salmo trutta*) in the Shoalhaven River, NSW. *Australian Journal of Ecology* 4: 171–79.
- Finnie, E.P. & Thomas, D.E. (1982) Management of monotremes at Taronga Zoo, Sydney. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 1–3.
- Fleay, D. (1945) Observations on the breeding of the platypus in captivity. *Victorian Naturalist* 61 (Parts 1–4): 8–14, 29–37, 54–60, 74–78.
- Gemmell, N.J., Grant, T.R., Western, P.S., Wamsley, P.S., Watson, N.D. & Graves, J.A.M. (1995) Determining platypus relationships. *Australian Journal of Zoology* 43: 283–91.
- Grant, T.R., Williams, R. & Carrick, F.N. (1977) Maintenance of the platypus, *Ornithorhynchus anatinus*, in captivity under laboratory conditions. *Australian Zoologist* 19: 117–24.
- Grant, T.R. (1982) Food of the platypus, *Ornithorhynchus anatinus* (Monotremata: Ornithorhynchidae), from various water bodies in New South Wales. *Australian Mammalogy* 5: 235–36.
- Grant, T.R., Griffiths, M. & Lackie, R.M.C. (1983) Aspects of lactation in the platypus, *Ornithorhynchus anatinus* (Monotremata), in waters of eastern New South Wales. *Australian Journal of Zoology* 31: 881–89.
- Grant, T.R. (1989) Ornithorhynchidae. In D. Walton & B.J. Richardson (Eds) *Fauna of Australia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 436–50.
- Griffiths, M., Elliot, M.A., Leckie, R.M.C. & Schoeff, G.I. (1973) Observations of the comparative anatomy and ultrastructure and mammary glands and on the fatty acids of the triglycerides in platypus and echidna milk fats. *Journal of Zoology* (London) 169: 255–79.

- Griffiths, M.E. (1978) *The Biology of Monotremes*. Academic Press, New York.
- Griffiths, M. (1988) The platypus. *Scientific American* 256: 84–91.
- Hamilton-Smith, E. (1968) Platypus in caves. *Victorian Naturalist* 85: 292–93.
- Harrison, L. (1922) Historical notes on the platypus. *Australian Zoologist* 2: 134–42.
- Hughes, R.L., Carrick, F.N. & Shorey, C.D. (1975) Reproduction in the platypus, *Ornithorhynchus anatinus*, with particular reference to the evolution of viviparity. *Journal of Reproductive Fertility* 43: 374–75.
- Hughes, R.L. & Carrick, F.N. (1978) Reproduction in female monotremes. *Australian Zoologist* 20: 233–53.
- Hulbert, A.J. & Grant, T.R. (1983) Thyroid hormone levels in an egg-laying mammal, the platypus *Ornithorhynchus anatinus*. *General and Comparative Endocrinology* 51: 401–5.
- Hulbert, A.J. & Grant, T.R. (1983). A seasonal study of body condition and water turnover in a free-living population of platypuses, *Ornithorhynchus anatinus* (Monotremata). *Australian Journal of Zoology* 31: 109–16.
- Jabukowski, J.M., New, N.P., Stone, G.M. & Jones, R.C. (1998) Reproductive seasonality in female platypuses, *Ornithorhynchus anatinus*, in the Upper Barnard River, New South Wales. *Australian Mammalogy* 20: 207–13.
- Kellaway, C.H. & LeMessurier, D.H. (1935) The venom of the platypus (*Ornithorhynchus anatinus*). *Australian Journal of Experimental Biological and Medical Science* 13: 205–21.
- Kershaw, J.A. (1912) Notes on the breeding habits and young of the platypus, *Ornithorhynchus anatinus*, Shaw. *Victorian Naturalist* 29: 102–6.
- Kruuk, H. (1993) The diving behaviour of the platypus (*Ornithorhynchus anatinus*) in water with different trophic status. *Journal of Applied Ecology* 30: 592–98.
- Mackerras, M.J. (1959). Catalogue of Australian mammals and their recorded internal parasites. Part I. Monotremes and marsupials. *Proceedings of the Linnean Society of N.S.W.* 83: 101–60.
- McLeod, A.L. (1993) Movement, homer range and burrow usage, diurnal activity and juvenile dispersal of platypuses, *Ornithorhynchus anatinus*, on the Duckmaloi Weir, NSW. B. App. Sci. (Hons) Thesis. Charles Sturt University, Albury.
- Martin, C.J. & Tidswell, F. (1894) Observations on the femoral gland of *Ornithorhynchus* and its secretions; together with an experimental inquiry concerning its supposed toxic action. *Proceedings of the Linnean Society of NSW*. 9: 471–500.
- New, N.P., Jakubowski, J.M., Stone, G.M. & Jones, R.C. (1998) Reproductive seasonality of male platypus, *Ornithorhynchus anatinus*, in the Upper Barnard River, NSW. *Australian Mammalogy* 20: 214–19.
- Pasitschniak-Arts, M. & Marinelli, L. (1998) *Ornithorhynchus anatinus*. *Mammalian Species* 585: 1–9.
- Proske, U. (1990) The electric monotreme. *Australian Natural History* 23: 289–95.
- Richards, G.C. (1986?) Predation on a platypus, *Ornithorhynchus anatinus* (Monotremata: Ornithorhynchidae), by a goshawk. *Australian Mammalogy* 6: 67.
- Robinson, K.W. (1954) Heat tolerance of Australian monotremes and marsupials. *Australian Journal of Biological Science* 7: 348–60.
- Rose, R.W. (1998) Platypus symposium. Special Issue. *Australian Mammalogy* 20: 147–314.
- Serena, M. (1995) Platypus pursuits. *Nature Australia*. Spring.
- Serena, M. (1994) Use of time and space by the platypus (*Ornithorhynchus anatinus*) along a Victorian stream. *Journal of Zoology* (London) 232: 117–31.
- Serena, M., Gardner, J.L., Booth, R.J. & Phelan, J. (1995) Adaptation to captivity and post-release survival of juvenile platypus (*Ornithorhynchus anatinus*): information from behaviour and haematology. Unpublished manuscript.
- Serena, M., Worley, M., Swinnerton, M. & Williams, G.A. (2001) Effect of food availability and habitat on the distribution of platypus (*Ornithorhynchus anatinus*) foraging activity. *Australian Journal of Zoology* 49: 263–77.
- Smyth, D.M. (1973) Temperature regulation in the platypus, *Ornithorhynchus anatinus* (Shaw). *Comparative Biochemistry and Physiology* 45A: 705–15.
- Stott, P. (1996) Ground-penetrating radar: a technique for investigating the burrow structures of fossorial vertebrates. *Wildlife Research* 23: 519–23.
- Whittington, R.J. & McColl, A. (1983). Aspiration pneumonia in a wild platypus *Ornithorhynchus anatinus*. *Australian Veterinary Journal* 60: 277.
- Whittington, R.J. & Grant, T.R. (1983). Haematology and blood chemistry of the free-living platypus, *Ornithorhynchus anatinus* (Shaw) (Monotremata: Ornithorhynchidae). *Australian Journal of Zoology* 31: 475–82.
- Whittington, R.J. & Grant, T.R. (1984). Haematology and blood chemistry of the conscious platypus, *Ornithorhynchus anatinus* (Shaw) (Monotremata: Ornithorhynchidae). *Australian Journal of Zoology* 32: 631–35.
- Whittington, R.J., Bell, I.G. & Searson, J.E. (1990). A viral infection causing cytomegalic inclusion disease in the renal epithelium of the platypus (*Ornithorhynchus anatinus*). *Journal of Wildlife Diseases* 26: 55–61.
- Williams, G. (1993) Platypus management in Australian zoos. *International Zoo News* 40: 30–36.
- Williams, G. (1995) Integrating wild-caught animals into zoos: a case study involving the collection of platypus from the wild. *International Zoo News* 42: 205–12.

## Chapter 2 – Echidnas

- Abensperg-Traun, M. (1991) Survival strategies of the echidna *Tachyglossus aculeatus* Shaw 1792 (Monotremata: Tachyglossidae). *Biological Conservation* 58: 317–28.

- Abensberg-Traun, M., Dickman, C.R. & De Boer, E.S. (1991) Patch use and prey defence in a mammalian myrmecophage, the echidna (*Tachyglossus aculeatus*) (Monotremata: Tachyglossidae): a test of foraging efficiency in captive and free-ranging animals. *Journal of Zoology* (London) 225: 481–93.
- Abensberg-Traun, M. (1994) The influence of climate on patterns of termite eating in Australian mammals and lizards. *Australian Journal of Ecology* 19: 65–71.
- Abensberg-Traun, M. (1997) Ant- and termite-eating in Australian mammals and lizards: a comparison. *Australian Journal of Ecology* 22: 9–17.
- Allan, G.M. (1912) *Zaglossus*. *Memoirs of the Harvard Museum of Comparative Zoology* 40: 249–307.
- Augee, M. (1978) *Monotreme Biology*. Royal Zoological Society of NSW, Sydney.
- Augee, M.L. (1978) Monotremes and the evolution of homeothermy. *Australian Zoologist* 20: 111–19.
- Augee, M.L. (1992) *Platypus and Echidnas*. Royal Zoological Society of NSW, Sydney.
- Barrett, C. (1934) Stray notes on monotremes. *Victorian Naturalist* 51: 22–24.
- Bennett, G.J. (1881) Observations on the habits of the *Echidna hystrix* of Australia. *Proceedings of the Zoological Society of London* 1881: 737–79.
- Brannian, J. & Cloak, C. (1985) Observations of daily activity patterns in the two captive short-beaked echidnas, *Tachyglossus aculeatus*. *Zoo Biology* 54: 75–81.
- Brannian, J. & Cloak, C. (1985) Notes on behaviour of two captive short-nosed echidnas. *International Zoo News* 32(4): 9–13.
- Burrell, H. (1925) Field notes on natural habits of echidna (*Tachyglossus aculeatus*). *Australian Zoologist* 4: 8.
- Burrell, H. (1931) Miscellaneous notes on monotremes. *Australian Zoologist* 6: 387–92.
- Carrick, F.N. & Hughes, R.L. (1978) Reproduction in male monotremes. *Australian Zoologist* 20: 211–31.
- Coleman, E. (1935) Hibernation and other habits of the echidna under domestication. *Victorian Naturalist* 52: 55–61.
- Coleman, E. (1938) Notes on the hibernation, ecdysis, and sense of smell of the echidna under domestication. *Victorian Naturalist* 55: 105–7.
- Dennis, A. (1981) Caring for Kidna. *North Queensland Naturalist* 45(179): 7–8.
- Dobroruka, L. (1960) Einige beobachtungen an Ameisenigeln, *Echidna aculeata* Shaw (1792). *Zeitschrift für Tierpsychol* 17: 178–81.
- Dubey, J.P. & Hartley, W.J. (1993) Disseminated coccidiosis in short-beaked echidnas (*Tachyglossus aculeatus*) from Australia. *Journal of Veterinary Diagnostic Investigation* 5: 483–88.
- Finnie, E. P. & Thomas, D. E. (1982) Management of monotremes at Taronga Zoo, Sydney. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 1–3.
- Geiser, F. & Seymour, R.S. (1988) Torpor in a pregnant echidna (*Tachyglossus aculeatus*) (Monotremata: Tachyglossidae). *Australian Mammalogy* 12: 81–82.
- Gloak, C. & Brannien, J. (1983) Echidna study at the Topeka Zoo. *International Zoo New* 30(6): 15–17.
- Grant, T.R. (1983) The behavioural ecology of monotremes. In J.F. Eisenberg & D.G. Kleiman (Eds) *Advances in the Study of Mammalian Behavior*. American Society of Mammalogists Special Publication No. 7, pp. 360–94.
- Green, B. & Newgrain, K. (1979) Estimation of the milk intake <sup>22</sup>Na. *Journal of Mammalogy* 60: 556–59.
- Green, B., Griffiths, M. & Newgrain, K. (1985) Intake of milk by suckling echidnas (*Tachyglossus aculeatus*). *Comparative Biochemistry and Physiology* 81A: 441–44.
- Griffiths, M. (1965) Digestion, growth and nitrogen balance in an egg-laying mammal, *Tachyglossus aculeatus* (Shaw). *Comparative Biochemistry and Physiology* 14: 357–75.
- Griffiths, M., Elliot, M.A., Leckie, R.M.C. & Schoeff, G.I. (1973) Observations of the comparative anatomy and ultrastructure and mammary glands and on the fatty acids of the triglycerides in platypus and echidna milk fats. *Journal of Zoology* (London) 169: 255–79.
- Griffiths, M. (1989) Tachyglossidae. In D. Walton & B.J. Richardson (Eds) *Fauna of Australia. Vol. B*. Australian Government Publishing Service, Canberra, pp. 407–35.
- Griffiths, M., Greenslade, P.J.M., Miller, L. & Kerle, J.A. (1990) The diet of the spiny-anteater *Tachyglossus aculeatus acanthion* in tropical habitats in the Northern Territory. *The Beagle, Records of the Northern Territory Museum of Arts and Science* 7: 79–90.
- Hediger, H. & Kummer, H. (1961) Das Verhalten der Schnabeligel (Tachyglossidae). *Handbuch der Zoologie* 8: 1–8.
- Hughes, R.L. & Carrick, F.N. (1978) Reproduction in female monotremes. *Australian Zoologist* 20: 233–53.
- Johnson, K. (1980) Behaviour in a group of wild echidnas. *Victorian Naturalist* 95(6): 241–42.
- Jordan, S.M. & Morgan, E.H. (1969) The serum and milk whey proteins of the echidna. *Comparative Biochemistry and Physiology* 29: 383–91.
- Knee, A. (1998) Enigmatic echidnas. *Wildlife Australia* Winter 27–30.
- Kawata, K. (1971) Observations on the 24-hour activity cycle of the Australian echidna *Tachyglossus aculeatus* and the brushtail possum *Trichosurus vulpecula* at Topeka Zoo. *International Zoo yearbook* 11: 28–30.
- McKelvey, M. (1987) Field observation of the echidna, *Tachyglossus aculeatus* from Kangaroo Island, South Australia. *South Australian Naturalist* 61: 46–47.
- McNab, B.K. (1984) Physiological convergence amongst ant-eating and termite eating mammals. *Journal of Zoology* (London) 204: 485–510.

- Murray, P.F. (1981) A unique jaw mechanism in the echidna, *Tachyglossus aculeatus* (Monotremata). *Australian Journal of Zoology* 29: 1–5.
- Nicol, S. & Anderson, N.A. (1996) Hibernation in the echidna: not an adaptation to cold? In F. Geiser, A.J. Hulbert & Nicol, S.C. (Eds) *Adaptations to the Cold: Tenth International Hibernation Symposium*. University of New England, Armidale, pp. 7–12.
- Proke, U. (1997) Echidnas on the nose. *Nature Australia* Summer: 58–63.
- Rissmiller, P. (1991) Echidna research 100 years ago and today. *Australasian Science Magazine* 4: 16–22.
- Rismiller, P. & Seymour, R.S. (1991) The echidna. *Scientific American* February: 80–86.
- Rothschild, W. (1913) Some notes on the genera *Zaglossus* and *Tachyglossus*. *Novitates in Zoology* 20: 188–91.
- Saunders, J.C., Chia-Shong, C. & Pridmore, P.A. (1971) Successive habit-reversal learning in monotreme *Tachyglossus aculeatus* (Echidna). *Animal Behaviour* 19: 552–55.
- Saunders, J.C., Teague, J., Slonim, D. & Pridmore, P.A. (1971) A position habit in the monotreme *Tachyglossus aculeatus* (The Spiny Anteater). *Australian Journal of Psychology* 12: 47–51.
- Seymour, R.S. & Rismiller, P.D. (1989) How echidnas do it. *Australasian Science Magazine* 3: 39–43.
- Smith, A.P., Wellham, G.S. & Green, S.W. (1989) Seasonal foraging activity and microhabitat selection by echidnas (*Tachyglossus aculeatus*) on the New England Tablelands. *Australian Journal of Ecology* 14: 457–66.
- Teahan, C.G., McKenzie, H.A. & Griffiths, M. (1978) Some monotreme milk 'whey' and blood proteins. *Comparative Biochemistry and Physiology B Comparative Biochemistry* 99(1): 99–118.
- Walraven, E. (1999) *Care of Australian Wildlife*. New Holland, Sydney.
- Winsatt, W.A. (1969) Some interrelationships of reproduction and hibernation in mammals. *Symposia of the Society for Experimental Biology* 23: 511–49.
- Van Deusen, H.M. & George, G.G. (1969) Results of the Archbold Expedition. No. 90. Notes on the echidnas (Mammalia, Tachyglossidae) of New Guinea. *American Museum Novitates* 2383: 1–23.
- Young, E. (1966) A suitable milk substitute for the aardvark *Oryctopus afer* and the echidna *Tachyglossus aculeatus*. *International Zoo Yearbook* 6: 68–69.
- Andrews, L.M. (2001) The use of acupuncture to relieve pain in an eastern quoll (*Dasyurus viverrinus*) suffering arthritis of the spine. *Thylacinus* 25(1): 6–7.
- Anon (1976) Notes on keeping small carnivorous marsupials. *Thylacinus* 1(1–4): 1–4.
- Archer, M. (Ed.) (1982) *Carnivorous Marsupials*. Volumes 1 & 2, Surrey Beatty & Sons, Sydney.
- Barker, S., Calaby, J.H. & Sharman, G.B. (1963) Diseases of Australian laboratory marsupials. *Veterinary Bulletin* 33: 539–44.
- Belcher, C.A. (1995) Diet of the tiger quoll (*Dasyurus maculatus*) in east Gippsland, Victoria. *Wildlife Research* 22: 341–57.
- Biggers, J.D. (1966) Reproduction in male marsupials. *Symposium of the Zoological Society of London* 15: 251–79.
- Blackhall, S. (1980) Diet of the eastern native cat, *Dasyurus viverrinus* (Shaw), in southern Tasmania. *Australian Wildlife Research* 7: 191–97.
- Bonnin, M. (1967) Observations on *Dasyurus viverrinus*. *South Australian Naturalist* 42: 29–31.
- Bradley, A.J., McDonald, I.R. & Lee, A.K. (1980) Stress and mortality in a small marsupial, (*Antechinus stuartii* Macleay). *General and Comparative Endocrinology* 40: 188–200.
- Bradley, A.J. (1990) Seasonal effects on the haematology and blood chemistry in the red-tailed phascogale, *Phascogale calura* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 37: 533–43.
- Bradley, A.J. & Monamy, V. (1991) A physiological profile of male dusky antechinuses, *Antechinus swainsonii* (Marsupialia: Dasyuridae) surviving post-mating mortality. *Australian Mammalogy* 14: 25–27.
- Braithwaite, R.W. (1989) Shelter selection by a small mammal community in the wet-dry tropics of Australia. *Australian Mammalogy* 12: 55–59.
- Breckon, G. & Hulse, E.V. (1972) Difficulties in the management of *Sminthopsis crassicaudata* to iodine deficiency and thyroid disease. *Laboratory Animals* 6: 109–18.
- Bryant, S.L. (1986) Seasonal variation of plasma testosterone in a wild population of male eastern quoll, *Dasyurus viverrinus* (Marsupialia: Dasyuridae), from Tasmania. *General and Comparative Endocrinology* 64: 75–79.
- Calver, M.C., King, D.R., Gardner, J.L. & Martin, G.R. (1991) Total food consumption of some native Australian small mammals in the laboratory. *Australian Mammalogy* 14: 139–42.
- Canfield, P.J., Hartley, W.J. & Reddacliff, G.L. (1990) Spontaneous proliferations in Australian marsupials – a survey and review. 2. Dasyurids and bandicoots. *Journal of Comparative Pathology* 103: 146–58.
- Cassone, V.M. (1987) Circadian organisation and photoreception in an Australian dasyurid marsupial (*Sminthopsis macroura*). *Journal of Biological Rhythms* 2: 261–68.

## Chapter 3 – Carnivorous marsupials

Aitken, P.F. (1971) Rediscovery of the large desert *Sminthopsis* (*Sminthopsis psammophila* Spencer) on Eyre Peninsula, South Australia. *Victorian Naturalist* 88: 103–11.

- Cheal, P.D., Lee, A.K. & Barnett, J.L. (1976) Changes in the haematology of *Antechinus stuartii* (Marsupialia), and their association with male mortality. *Australian Journal of Zoology* 24: 299–311.
- Cheetham, R.J. & Wallis, R.L. (1981) Field notes on the white-footed dunnart, *Sminthopsis leucopus* Gray (Marsupialia: Dasyuridae). *Victorian Naturalist* 98: 248–51.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Claver, M.C. (1991) Total food consumption of some native Australian small mammals in the laboratory. *Australian Mammalogy* 14: 139–42.
- Clements, F., Hope, P., Daniels, C., Chapman, I. & Witter, G. (1998) Thermogenesis in the marsupial *Sminthopsis crassicaudata*: effect of catecholamines and diet. *Australian Journal of Zoology* 46: 381–90.
- Cockburn, A., Lee, A.K. & Martin, R.W. (1983) Macrogeographic variation in litter size in *Antechinus* (Marsupialia: Dasyuridae). *Evolution* 37: 86–95.
- Cockburn, A., Scott, M.P. & Scotts, D.J. (1985) Inbreeding avoidance and male biased natal dispersal in *Antechinus* species. *Animal Behaviour* 33: 908–15.
- Cockburn, A., Scott, M.P. & Scotts, D.J. (1985) Sex ratio and intrasexual kin competition in mammals. *Oecologia* 66: 427–29.
- Cockburn, A. (1992) The duration of lactation in *Antechinus stuartii* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 40: 195–204.
- Cockburn, A. (1994) Adaptive sex allocation by brood reduction in antechinuses. *Behavioural Ecology and Sociobiology* 35: 53–62.
- Conway, K. (1988) Captive management and breeding of the tiger quoll *Dasyurus maculatus*. *International Zoo Yearbook* 27: 108–19.
- Cope, E.D. (1892) On the habits and affinities of the new Australian mammal, *Notoryctes typhlops*. *American Naturalist* 26: 121–28.
- Corbett, L.K. (1975) Geographical distribution and habitat of the marsupial mole *Notoryctes typhlops*. *Australian Mammalogy* 4: 375–78.
- Crowcroft, P. & Godfrey, G.K. (1968) Daily cycle of activity in two species of *Sminthopsis* (Marsupialia: Dasyuridae). *Journal of Animal Ecology* 37: 63–73.
- Cuttle, P. (1978) The behaviour in captivity of the dasyurid marsupial *Phascogale tapoatafa* (Meyer). PhD Thesis. Monash University, Melbourne.
- Dawson, T.J. & Wolfers, J.M. (1978) Metabolism, thermoregulation and torpor in shrew-sized marsupials of the genus *Planigale*. *Comparative Biochemical Physiology* 59A: 305–9.
- Dempster, E.R. (1994) Vocalisations of adult northern quolls, *Dasyurus hallucatus*. *Australian Mammalogy* 17: 43–49.
- Dickman, C.R. (1980) Ecological studies of *Antechinus stuartii* and *Antechinus flavipes* (Marsupialia: Dasyuridae) in open forest and woodland habitats. *Australian Zoologist* 20: 433–46.
- Dickman, C.R. (1982) Some observations of the behaviour and nest utilisation of free-living *Antechinus stuartii* (Marsupialia: Dasyuridae). *Australian Mammalogy* 5: 75–77.
- Dickman, C.R. (1989) Demographic responses of *Antechinus stuartii* (Marsupialia) to supplementary food. *Australian Journal of Ecology* 14: 387–98.
- Dickman, C.R. (1991) Use of trees by ground-dwelling mammals: implications for management. In D. Lunney (Ed.) *Conservation of Australia's Forest Fauna*. Royal Zoological Society of New South Wales, Sydney, pp. 125–96.
- Dickman, C.R., Downey, F.J. & Predavec, M. (1993) The hairy-footed dunnart *Sminthopsis hirtipes* (Marsupialia: Dasyuridae) in Queensland. *Australian Mammalogy* 16: 69–72.
- Dollman, G. (1932) A rare marsupial (*Notoryctes typhlops*). *Proceedings of the Linnean Society of London* 145: 15–16.
- Dwyer, P.D. (1977) Notes on *Antechinus* and *Cercartetus* (Marsupialia) in the New Guinea highlands. *Proceedings of the Royal Society of Queensland* 88: 69–73.
- Ewer, R.F. (1969) Some observations on the killing and eating of prey by two dasyurid marsupials: The mulgara, *Dasyurus cristicauda*, and the Tasmanian devil, *Sarcophilus harrisii*. *Zeitschrift für Tierpsychologie* 26: 23–38.
- Fields, B.T. & Cunningham, D.R. (1976) A tail artery technic for collecting one-half millilitre of blood from a mouse. *Laboratory Animal Science* 26: 505–6.
- Finlayson, H.H. (1933) On mammals from the Lake Eyre Basin. Part 1. The Dasyuridae. *Transactions of the Royal Society of South Australia* 57: 195–203.
- Fleay, D. (1932) The rare dasyures (Native Cats). *Victorian Naturalist* 49: 63–68.
- Fleay, D. (1967) Planigale holds record family number. *Victorian Naturalist* 84: 202.
- Fleay, D. (1990) The devil's brood. *Wildlife Australia*. Autumn, pp. 3–5.
- Flynn, T.T. (1922) Notes on certain reproductive phenomena in some Tasmanian marsupials. *Annals and Magazine of Natural History* (9)10: 225–31.
- Fox, B.J. & Archer, E. (1984) The diets of *Sminthopsis murina* and *Antechinus stuartii* (Marsupialia: Dasyuridae) in sympatry. *Australian Wildlife Research* 11: 235–48.
- Francis, A.J.P. & Coleman, G.J. (1990) Ambient temperature cycles entrain the free-running circadian rhythms of the stripe-faced dunnart, *Sminthopsis macroura*. *Journal of Comparative Physiology A* 167: 357–62.
- Freeland, W.J., Winter, J.W. & Raskin, S. (1988) Australian rock-mammals: a phenomenon of the seasonally dry tropics. *Biotropica* 20: 70–79.
- Geiser, F., Matweijczyk, L. & Baudinette, R.V. (1986) From ectothermy to heterothermy: the energetics of the Kowari, *Dasyuroides byrnei* (Marsupialia: Dasyuridae). *Physiological Zoology* 59: 220–29.

- Geiser, F. & Baudinette, R.V. (1987) Seasonality of torpor and thermoregulation in three dasyurid marsupials. *Journal of Comparative Physiology Ser. B* 157: 335–44.
- Geiser, F. & Baudinette, R.V. (1988) Daily torpor and thermoregulation in the small dasyurid marsupials *Planigale gilesi* and *Ningau i yvonneae*. *Australian Journal of Zoology* 36: 473–81.
- Geiser, F. (1988) Daily torpor and thermoregulation in *Antechinus* (Marsupialia): influence of body mass, season, development, reproduction, and sex. *Oecologia* 77: 395–99.
- Geiser, F. & Baudinette, R.V. (1990) The relationship between body mass and rate of rewarming from hibernation and daily torpor in mammals. *Journal of Experimental Biology* 151: 349–59.
- Geiser, F. & Masters, P. (1994) Torpor in relation to reproduction in the mulgara, *Dasyercus cristicauda* (Dasyuridae: Marsupialia). *Journal of Thermal Biology* 19: 33–40.
- Gewalt, W. (1964) Kleinw Beobachtungen an selteneren Beuteltieren im Berliner Zoo. I. III. Tupfelbeutelmarder (*Satanellus hallucatus albopunctatus* Schlegel). *Der Zoologische Garten* 32: 99–115.
- Godfrey, G.K. (1966) Daily torpor in the marsupial mouse, *Sminthopsis larapinta* (Spencer). *Nature* 212: 1248–49.
- Godfrey, G.K. (1968) Body temperature and torpor in *Sminthopsis crassicaudata* and *S. larapinta* (Marsupialia: Dasyuridae). *Journal of Zoology* (London) 156: 499–511.
- Goldingay, R.L. & Denny, M.J.S. (1986) Capture-related aspects of the ecology of *Antechinus flavipes* (Marsupialia: Dasyuridae). *Australian Mammalogy* 9: 131–33.
- Green, B., Newgrain, K., Catling, P. & Turner, G. (1991) Patterns of prey consumption and energy use in a small carnivorous marsupial, *Antechinus stuartii*. *Australian Journal of Zoology* 39: 539–47.
- Green, B., Merchant, J. & Newgrain, K. (1997) Lactational energetics of a marsupial carnivore, the eastern quoll (*Dasyurus viverrinus*). *Australian Journal of Zoology* 45: 295–306.
- Green, K. (1989) Altitudinal and seasonal differences in the diets of *Antechinus swainsonii* and *A. stuartii* (Marsupialia: Dasyuridae) in relation to the availability of prey in the snowy mountains. *Australian Wildlife Research* 16: 581–92.
- Green, R.J. (1967) The murids and small dasyurids of in Tasmania. Parts 1 and 2. *Records of the Queen Victoria Museum Launceston* 28: 1–19.
- Green, R.H. (1968) The murids and small dasyurids in Tasmania. Parts 3 and 4. *Records of the Queen Victoria Museum* 32: 1–19.
- Green, R.H. (1972) The murids and small dasyurids in Tasmania. Parts 5, 6 and 7. *Records of the Queen Victoria Museum* 46: 1–34.
- Guiler, E.R. (1964) Tasmanian Devils. *Australian Natural History* 14: 360–62.
- Guiler, E.R. (1970) Observations on the Tasmanian devil, *Sarcophilus harrisii* (Marsupialia: Dasyuridae). I. Numbers, home range, movements and food in two populations. *Australian Journal of Zoology* 18: 49–62.
- Guiler, E.R. (1971) The Tasmanian devil *Sarcophilus harrisii* in captivity. *International Zoo Yearbook* 11: 32–33.
- Hall, S. (1980) The diets of two coexisting species of *Antechinus* (Marsupialia: Dasyuridae). *Australian Wildlife Research* 7: 365–78.
- Happold, M. (1972) Maternal and juvenile behaviour in the marsupial jerboa *Antechinomys spenceri* (Dasyuridae). *Australian Mammalogy* 1: 27–37.
- Harrison, E. (1961) Warrenbayne diary 1. Tuans and gliders. *Victorian Naturalist* 78: 224–31.
- Hindmarsh, R. & Majer, J.D. (1977) Food requirements of mardo *Antechinus flavipes* (Waterhouse) and the effect of fire on mardo abundance. *Forests Department of Western Australia Research Paper* 31: 1–13.
- Inns, R.W. (1976) Some seasonal changes in *Antechinus flavipes* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 24: 523–31.
- Jackson, S. (1992) The marsupial mole (*Notoryctes typhlops*). *Thylacinus* 17(4): 6–9.
- Jones, M.E. & Marmuta, L.A. (1998) Diet overlap and relative abundance of sympatric dasyurid carnivores: a hypothesis of competition. *Journal of Animal Ecology* 67: 410–21.
- Kerr, J.B. & Hedger, M.P. (1983) Spontaneous spermatogenic failure in the marsupial mouse *Antechinus stuartii* Macleay (Dasyuridae: Marsupialia). *Australian Journal of Zoology* 31: 445–66.
- Johnson, K.A. & Roff, A.D. (1980) Discovery of ningauis (*Ningau i* sp: Dasyuridae: Marsupialia) in the Northern Territory, Australia. *Australian Mammalogy* 3: 127–29.
- Jones, F.W. (1949) The study of a generalised marsupial (*Dasyercus cristicauda* Krefft). *Transactions of the Zoological Society of London* 26: 409–501.
- Jones, M.E. & Stoddart, D.M. (1998) Reconstruction of the predatory behaviour of the extinct marsupial thylacine (*Thylacinus cynocephalus*). *Journal of Zoology* (London) 246: 239–46.
- Kennedy, G.A., Armstrong, S.M. & Coleman, G.J. (1989) Phase-response curve to 1-hour light pulses for the marsupial, *Dasyuroides byrnei*. *Physiology and Behaviour* 46: 667–70.
- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1990) Circadian rhythms of wheel-running in the eastern quoll, *Dasyurus viverrinus* (Marsupialia: Dasyuridae). *Australian Mammalogy* 13: 11–16.
- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1990) The effect of restricted feeding on the wheel-running activity rhythms of the predatory marsupial *Dasyurus viverrinus*. *Journal of Comparative Physiology A* 166: 607–18.
- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1991) Restricted feeding entrains the circadian wheel-running activity rhythm of the kowari, (*Dasyuroides byrnei*). *American Journal of Physiology* 261: R819–R827.

- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1996) Daily restricted feeding effects on the circadian activity rhythms of the striped-faced dunnart, *Sminthopsis macroura*. *Journal of Biological Rhythms* 11: 188–95.
- Kortner, G. & Geiser, F. (1995) Body temperature rhythms and activity in reproductive *Antechinus* (Marsupialia). *Physiology and Behaviour* 58: 31–36.
- Lambert, C., Mills, H., Power, V. & Bradley, M.P. (1998) Studies on the reproductive biology of the southern dibbler (*Parantechinus apicalis*) and their captive husbandry at Perth Zoo. *ARAZPA/ASZK Conference Proceedings*. Taronga Zoo, 22–27 March.
- Lazenby-Cohen, K.A. & Cockburn, A. (1988) Lek promiscuity in the semelparous mammal *Antechinus stuartii* (Marsupialia: Dasyuridae)? *Behavioural Ecology and Sociobiology* 22: 195–202.
- Lazenby-Cohen, K.A. & Cockburn, A. (1991) Social and foraging components of home-range in *Antechinus stuartii* (Dasyuridae: Marsupialia). *Australian Journal of Ecology* 16: 301–7.
- Lunney, D., Ashby, E. & O'Connell, M. (1986) Food availability and habitat selection of *Sminthopsis leucopus* (Gray) (Dasyuridae: Marsupialia) in logged forest on the south coast of New South Wales. *Australian Mammalogy* 9: 105–10.
- Lunney, D., O'Connell, M., Sanders, J. & Forbes, S. (1989) Habitat of the white-footed dunnart *Sminthopsis leucopus* (Gray) (Dasyuridae: Marsupialia) in a logged, burnt forest near Bega, New South Wales. *Australian Journal of Ecology* 14: 335–44.
- Lunt, I. (1988) Observations on the behaviour of the brush-tailed phascogale (*Phascogale tapoatafa*) at Black Hill, Victoria. *Victorian Naturalist* 105: 41–42.
- McDonald, I.R., Lee, A.K., Than, K.A. & Martin, R.W. (1986) Failure of glucocorticoid feedback in males of a population of small marsupials (*Antechinus swainsonii*) during the period of mating. *Journal of Endocrinology* 108: 63–68.
- McKay, G.M. (1974) *Planigale ingrami* in captivity. *Proceedings of the Royal Zoological Society of New South Wales* 3: 4–5.
- Messer, M., Fitzgerald, P.A., Merchant, J.C. & Green, B. (1987) Changes in milk carbohydrates during lactation in the eastern quoll, *Dasyurus viverrinus* (Marsupialia). *Comparative Biochemistry and Physiology* 88: 1083–86.
- Moeller, H.F. (1997) Der Beutelwolf *Thylacinus cynocephalus*. Westarp, Wissenschaften, Magdeburg.
- Monamy, V. (1991) An observation of free-living dusky antechinuses, *Antechinus swainsonii* (Marsupialia: Dasyuridae) during the breeding season. *Australian Mammalogy* 14: 23–24.
- Morcombe, M.K. (1967) The rediscovery after 83 years of the dibbler, *Antechinus apicalis* (Marsupialia: Dasyuridae). *Western Australian Naturalist* 10: 102–11.
- Morton, S.R. & Lee, A.K. (1978) Thermoregulation and metabolism in *Planigale maculata* (Marsupialia: Dasyuridae). *Journal of Thermal Biology* 3: 117–20.
- Morton, S.R., Denny, M.J.S. & Read, D.G. (1983) Habitat preferences and diet of sympatric *Sminthopsis crassicaudata* and *S. macroura* (Marsupialia: Dasyuridae). *Australian Mammalogy* 6: 29–34.
- Oakwood, M. & Spratt, M. & Spratt, D.M. (2000) Parasites of the northern quoll, *Dasyurus hallucatus* (Marsupialia: Dasyuridae) in tropical savannah, Northern Territory. *Australian Journal of Zoology* 48: 79–90.
- O'Reilly, H.M., Armstrong, S.M. & Coleman, G.J. (1984) Restricted feeding and circadian activity rhythms of a predatory marsupial, *Dasyuroides byrnei*. *Physiology and Behaviour* 38: 471–76.
- Packer, W.C. (1966) Wheel-running behaviour in the marsupial *Sarcophilus*. *Journal of Mammalogy* 47: 698–701.
- Paddle, R.N. (1993) Thylacine associated with the Royal Zoological Society of New South Wales. *Australian Zoologist* 29: 97–101.
- Paltridge, R. (1991) Occurrence of the marsupial mole (*Notoryctes typhlops*) remains in the faecal pellets of cats, foxes and dingoes in the Tanami Desert, N.T. *Australian Mammalogy* 14: 154–87.
- Pellis, S.M. & Nelson, J.E. (1984) Some aspects of predatory behaviour of the quoll, *Dasyurus viverrinus* (Marsupialia: Dasyuridae). *Australian Mammalogy* 7: 5–15.
- Pemberton, D. & Gales, N. (1991) Field immobilisation of Tasmanian devils (*Sarcophilus harrisii*) with ketamine hydrochloride and xylazine hydrochloride. *Wildlife Research* 18: 695–98.
- Phillips, B.T. (1995) Brown antechinus in captivity. *Thylacinus* 20(1): 4–5.
- Pollock, A.B. (2000) Notes on status, distribution and diet of northern Quoll *Dasyurus hallucatus* in the Mackay-Bowen area, mideastern Queensland. *Australian Zoologist* 31: 388–95.
- Read, D.G. (1987) Habitat use by *Sminthopsis crassicaudata*, *Planigale gilesi* and *P. tenuirostris* (Marsupialia: Dasyuridae), in semi-arid New South Wales. *Australian Wildlife Research* 14: 385–95.
- Read, D.G. (1989) Microhabitat separation and diel activity patterns of *Planigale gilesi* and *P. tenuirostris* (Marsupialia: Dasyuridae). *Australian Mammalogy* 12: 45–53.
- Read, D.G. (1987) Diets of sympatric *Planigale gilesi* and *P. tenuirostris* (Marsupialia: Dasyuridae): relationship of season and body size. *Australian Mammalogy* 10: 11–21.
- Renshaw, G. (1938) The thylacine. *Journal of the Society for the Preservation of Fauna of the Empire* 355: 47–49.
- Roberts, M., Carnio, J., Crawshaw, G. & Hutchins, M. (1993) *The Biology and Management of Australasian Carnivorous Marsupials*. Metropolitan Toronto Zoo and the American Association of Zoological Parks and Aquariums, Toronto and Washington.
- Scarff, F.R., Rhind, S.G. & Bradley, J.S. (1998) Diet and foraging behaviour of brush-tailed phascogales (*Phascogale tapoatafa*) in the jarrah forest of south-western Australia. *Wildlife Research* 25: 511–26.

- Schmitt, L.H., Bradley, A.J., Kemper, C.M., Kitchener, D.J. Humphreys, W.F. & How, R.A. (1989) Ecology and physiology of the northern quoll, *Dasyurus hallucatus* (Marsupialia: Dasyuridae), at Mitchell Plateau, Kimberley, Western Australia. *Journal of Zoology* (London) 217: 539–58.
- Scott, M.P. (1987) The effect of mating and agonistic experience on adrenal function and mortality of male *Antechinus stuartii* (Marsupialia). *Journal of Mammalogy* 68: 479–86.
- Selwood, L. (1980) A timetable of embryonic development of the dasyurid marsupial *Antechinus stuartii* (Macleay). *Australian Journal of Zoology* 28: 649–68.
- Selwood, L. (1981) Delayed embryonic development in the dasyurid marsupial *Antechinus stuartii*. *Journal of Reproduction and Fertility Supplement* 29: 79–82.
- Serena, M. & Soderquist, T.R. (1989) Nursery dens of *Dasyurus geoffroii* (Marsupialia: Dasyuridae), with notes on nest building behaviour. *Australian Mammalogy* 12: 35–36.
- Settle, G.A. & Croft, D.B. (1982) Maternal behaviour of *Antechinus stuartii* (Dasyuridae: Marsupialia) in captivity. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 365–81.
- Soderquist, T.R. (1993) Maternal strategies of *Phascogale tapoatafa* (Marsupialia: Dasyuridae). II. Juvenile thermoregulation and maternal attendance. *Australian Journal of Zoology* 41: 567–76.
- Soderquist, T.R. & Serena, M. (1994) Dietary niche of the western quoll, *Dasyurus geoffroii*, in the jarrah forest of Western Australia. *Australian Mammalogy* 17: 133–36.
- Soderquist, T.R., & Lill, A. (1995) Natal dispersal and philopatry in the carnivorous marsupial *Phascogale tapoatafa* (Dasyuridae). *Ethology* 99: 297–312.
- Song, X. & Geiser, F. (1995) Daily torpor and energy expenditure in *Sminthopsis macroura*: interrelations between food and water availability and temperature. Abstract. Australian Mammal Society Conference. James Cook University, Townsville.
- Stead-Richardson, E.J., Bradshaw, S.D., Bradshaw, F.J. & Gaikhorst, G. (2001) Monitoring the oestrous cycle of the chuditch (*Dasyurus geoffroii*) (Marsupialia: Dasyuridae): non-invasive analysis of faecal oestradiol-17. *Australian Journal of Zoology* 49: 183–93.
- Stirling, E.C. (1888) Preliminary notes on a new Australian mammal. *Transactions of the Royal Society of South Australia* 11: 21–24.
- Stirling, E.C. (1891) Description of a new genus and species of Marsupialia, *Notoryctes typhlops*. *Transactions of the Royal Society of South Australia* 14: 154–87.
- Sutherland, D.C. & Predavec, M. (1999) The effects of moonlight on microhabitat use by *Antechinus agilis* (Marsupialia: Dasyuridae). *Australian Journal of Zoology* 47: 1–17.
- Taggart, D., Selwood, L. & Temple-Smith, P. (1997) The role of testicular failure prior to mating in the reproductive strategy of *Antechinus stuartii*, and other strategy 1 dasyurid marsupials: an hypothesis. Abstract. Australian Mammal Society Conference. Clare, South Australia.
- Taylor, J.M. & Horner, B.E. (1970) Gonadal activity in the marsupial mouse, *Antechinus bellus*, with notes on other species of the genus (Marsupialia: Dasyuridae). *Journal of Mammalogy* 51: 659–68.
- Trail, B.J. & Coates, T.D. (1993) Field observations of the brush-tailed phascogale *Phascogale tapoatafa* (Marsupialia: Dasyuridae). *Australian Mammalogy* 16: 61–65.
- Troughton, E. (1953) Our native 'marsupial cat'. *Australian Museum Magazine* 10: 90–92.
- Troughton, E. (1954) The marsupial 'tiger cat': Birth and growth in captivity. *Australian Museum Magazine* 11: 200–2.
- Van Deusen, H.M. (1969) Feeding habits of *Planigale* (Marsupialia: Dasyuridae). *Journal of Mammalogy* 50: 616–18.
- Van Dyck, S. & Crowther, M.S. (2000) Reassessment of northern representatives of the *Antechinus stuartii* complex (Marsupialia: Dasyuridae): *A. subtropicus* sp. nov. and *A. adustus* new status. *Memoirs of the Queensland Museum* 45: 611–35.
- Vestal, B.M., Lee, A.K. & Saxon, M.J. (1986) Interactions between adult female and juvenile *Antechinus stuartii* (Marsupialia: Dasyuridae) at the time of juvenile dispersal. *Australian Mammalogy* 9: 27–33.
- Wakefield, N.A. (1961) Notes on the tuan. *Victorian Naturalist* 78: 232–35.
- Walker, B. (1998) Observations of tiger quoll birthing. *Thylacinus* 22(1): 66.
- Wallis, R.L. (1976) Torpor in the dasyurid marsupial *Antechinus stuartii*. *Comparative Biochemical Physiology* 53A: 319–22.
- Wardell-Johnson, G. (1986) Use of nest boxes by mardos, *Antechinus flavipes leucogaster*, in regenerating karri forest in south-western Australia. *Australian Wildlife Research* 13: 407–17.
- Wallis, R. & Baxter, G. (1980) The swamp antechinus (*Antechinus minimus maritimus*) – notes on a captive specimen. *Victorian Naturalist* 97: 211–13.
- Weber, E. (1974) Breeding the eastern native cat at Melbourne Zoo. *International Zoo Yearbook*. 14: 106–7.
- Weber, E. (1975) Notes on the breeding of the eastern native cat at Melbourne Zoo. In R.D. Martin (Ed.) *Breeding Endangered Species in Captivity*. Academic Press, London, pp. 183–86.
- White, S.R. (1951) Observations on the fat-tailed dunnart in captivity. *Western Australian Naturalist* 3: 1–6.
- Whitely, G.P. (1973) I remember the thylacine. *Proceedings of the Royal Zoological Society of New South Wales* 2: 10–11.
- Woollard, P. (1971) Differential mortality of *Antechinus stuartii* (Macleay); nitrogen balance and somatic changes. *Australian Journal of Zoology* 19: 347–53.
- Woolley, P.A. (1990) Reproduction in *Sminthopsis macroura* (Marsupialia: Dasyuridae). II. The male. *Australian Journal of Zoology* 38: 207–17.
- Woolley, P.A. (1991) Reproductive patterns of captive Boullanger Island Dibblers, *Parantechinus apicalis* (Marsupialia: Dasyuridae). *Wildlife Research* 18: 157–63.

- Woolley, P.A. (1997) Captive breeding of the Julia Creek dunnart *Sminthopsis douglasi*. Abstract. Australian Mammal Society. Clare, South Australia.
- Woolnough, A.P. & Carthew, S.M. (1994) Notes on the feeding behaviour of *Ningaui yvonneae* in captivity. *Australian Mammalogy* 17: 121–22.

## Chapter 4 – Numabats

- Beddard, F.E. (1887) Note on a point in the structure of *Myrmecobius*. *Proceedings of the Zoological Society of London* 1887: 527–31.
- Fleay, D. (1949) The peculiar little numbat. *Animal Kingdom* 52(5): 144–48.
- Ford, E. (1934) A note on the sternal gland of *Myrmecobius*. *Journal of Anatomy* (London) 68: 346–49.
- French, J.R.J. & Robinson, P.J. (1981) Baits for aggregating large numbers of subterranean termites. *Journal of Australian Entomology Sociobiology* 20: 75–76.
- Friend, J.A. (1990) The numbat *Myrmecobius fasciatus* (Myrmecobiidae): history of decline and potential for recovery. *Proceedings of the Ecological Society of Australia* 16: 369–77.
- Friend, J.A. & Thomas, N.D. (1994) Reintroduction and the numbat recovery programme. In M. Serena (Ed.) *Reintroduction Biology of Australian and New Zealand Fauna*. Surrey Beatty and Sons, Sydney, pp. 189–98.
- Friend, J.A. (1997) Numabats on a junk food diet. *Nature Australia* Winter: 40–49.
- Gay, F.J. & Wetherley, A.H. (1970) The population of a large mound of *Nasutitermes exitiosus* (Hill) (Isoptera: Termitidae). *Journal of the Australian Entomological Society* 9: 27–30.
- Jones, F. (1923) The external characters of pouch embryos of marsupials. No. 7. *Myrmecobius fasciatus*. *Transactions of the Proceedings of the Royal Society of South Australia* 47: 195–200.
- McNab, B.K. (1984) Physiological convergence amongst ant-eating and termite eating mammals. *Journal of Zoology* (London) 204: 485–510.
- Perry, D.H., Watson, J.A.L., Bunn, S.E. & Black, R. (1985) Guide to the termites (Isoptera) from the extreme south-west of Western Australia. *Journal of the Royal society of Western Australia* 67: 66–77.
- Tate, G.H.H. (1951) The banded anteater, *Myrmecobius Waterhouse* (Marsupialia). *American Museum Novitates* 1521: 1–8.
- Troughton, E.L.G. (1948) The marsupial banded anteater or numbat. *Australian Museum Magazine* 9: 298–302.
- obesulus* (Marsupialia: Peramelidae). *Australian Journal of Ecology* 16: 71–78.
- Claridge, A.W., McNee, A., Tanton, M.T. & Davey, S.M. (1991) Ecology of bandicoots in undisturbed forest adjacent to recently felled logging coupes: a case study from the Eden woodchip agreement area. In D. Lunney (Ed.) *Conservation of Australia's Forest Fauna*. Royal Zoological Society of NSW, Sydney, pp. 331–45.
- Day, B., Kirby, R. & Stenhouse, D. (1972) The behaviour of marsupials. III. The short-nosed bandicoot *Isodon macrourus* (Peramelidae), in the open field. *Australian Mammalogy* 1: 225–59.
- Dickman, C.R. (1988) Detection of physical contact interactions among free-living mammals. *Journal of Mammalogy* 69: 865–68.
- Duffy, A.C. (1994) Habitat and spatial requirements of the eastern barred bandicoot (*Perameles gunnii*) at Hamilton, Victoria. *Wildlife Research* 21: 459–72.
- Fairfax, R.A. (1982). Notes on the greater bilby *Macrotis lagotis* at Perth Zoo. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 54.
- Finlayson, H.H. (1935) On the mammals from the Lake Eyre Basin. Part II. The Peramelidae. *Transactions of the Royal Society of South Australia* 59: 227–36.
- Gemmell, R.T. & Johnston, G. (1985) The development of thermoregulation and the emergence from the pouch of the marsupial bandicoot *Isodon macrourus*. *Physiological Zoology* 58: 299–302.
- George, G. (1990) Monotreme and marsupial breeding programs in Australian Zoos. In J.A. Marshall Graves, R.M. Hope & D.W. Cooper (Eds) *Mammals from Pouches and Eggs*. CSIRO, Melbourne, pp. 39–63.
- Gordon, G. & Lawrie, B.C. (1977) The rufescent bandicoot, *Echymipera rufescens* (Peters & Doria) on Cape York Peninsula. *Australian Wildlife Research* 5: 41–45.
- Gordon, G. & Hall, L.S. (1995) Tail fat storage in arid zone bandicoots. *Australian Mammalogy* 18: 87–90.
- Green, B. & Merchant, J. (1988) The composition of marsupial milk. In C.H. Tyndale-Biscoe & P.A. Janssens (Eds) *The Developing Marsupial*. Springer, Berlin, pp. 41–54.
- Johnson, K.A. (1980) Diet of the bilby, *Macrotis lagotis*, in the western desert region of central Australia. *Bulletin of the Australian Mammal Society* 6: 46–47.
- Jones, F.W. (1923) The marsupial genus *Thalacomys*: A review of the rabbit-bandicoots; with the description of a new species. *Records of the South Australia Museum* 2: 333–52.
- Kennedy, G.A., Coleman, G.J. & Armstrong, S.M. (1995) Entrainment of the circadian wheel-running rhythms of the northern brown bandicoot, *Isodon macrourus*, by daily restricted feeding schedules. *Chronobiology International* 12: 176–87.
- Lyne, A.G. (1951) Notes on external characters of the barred bandicoot (*Perameles gunnii* Gray), with special reference to the pouch young. *Proceedings of the Zoological Society of London* 121: 587–98.

## Chapter 5 – Bandicoots

- Broughton, S.K. (1991) The effect of supplementary food on home ranges of the southern brown bandicoot, *Isodon*

- Lyne, A.G. (1952) Notes on external characters of the pouch young of four species of bandicoot. *Proceedings of the Zoological Society of London* 122: 625–49.
- Lyne, A.G. & Radford, H.M. (1974) Some observations on reproduction in bandicoots. *Australian Mammalogy* 1: 293–94.
- Lyne, A. G. (1981) Activity rhythms in the marsupials *Isoodon macrourus* and *Perameles nasuta* in captivity. *Australian Journal of Zoology* 29: 821–38.
- Lyne, A.G. (1982) Observations on skull growth and eruption of teeth in the marsupial bandicoot *Perameles nasuta* (Marsupialia: Peramelidae). *Australian Mammalogy* 5: 113–26.
- McKeown, K.C. (1951) Note on the food of a bandicoot. *Proceedings of the Royal Zoological Society of New South Wales* 1949–50: 42–43.
- Murphy, J. A. (1993) Behaviour of eastern barred bandicoots, *Perameles gunnii* (Marsupialia: Peramelidae), breeding in captivity. *Australian Mammalogy* 16: 89–92.
- Myroniuk, P. (1995) Captive management of the threatened Eastern Barred Bandicoot: zoos and co-operative conservation. In A. Bennett, G. Backhouse and T. Clark (Eds) *People and Nature Conservation: Perspectives on private land use and endangered species recovery*. Royal Zoological Society of New South Wales, Sydney, pp. 63–67.
- Nagy, K.A., Bradshaw, S.D. & Clay, B.T. (1991) Field metabolic rate, water flux and food requirements of short-nosed bandicoots *Isoodon obesulus* (Marsupialia: Peramelidae). *Australian Journal of Zoology* 39: 299–305.
- Obendorf, D.L., Statham, P. & Driessen, M. (1996) Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from free-ranging eastern barred bandicoots (*Perameles gunnii*). *Journal of Wildlife Diseases* 32: 623–26.
- Richards, J. (1998) Nest use by reintroduced western barred bandicoots at Heirisson Prong, Western Australia. Abstract. Mammal Society Conference. Perth, Western Australia.
- Seebeck, J.H., Brown, P.R., Wallis, R.L. & Kemper, C.M. (Eds) (1990). *Bandicoots and Bilbies*. Surrey Beatty & Sons, Sydney.
- Seebeck, J.H. & Booth, R. (1996) Eastern barred bandicoot recovery: the role of the veterinarian in the management of endangered species. *Australian Veterinary Journal* 73: 81–83.
- Seebeck, J.H. (2001) *Perameles gunnii*. *Mammalian Species* 654: 1–8.
- Smales, L.R. (1988) *Plagiorhynchus* (*Prosthorhynchus*) *cylindraceus* (Goeze, 1792) Smith and Kunz, 1966, from the Australian bandicoots *Perameles gunnii* Gray, 1838, and *Isoodon obesulus* (Shaw, 1797). *Journal of Parasitology* 74: 1062–64.
- Smales, L.R. (1997) A revision of the Echinonematinae (Nematoda: Seuratidae) from bandicoots (Marsupialia: Peramelidae). *Transactions of the Royal Society of South Australia* 121: 1–27.
- Smyth, D.R. & Philpott, C.M. (1968) Field notes on rabbit bandicoots, *Macrotis lagotis* Reid (Marsupialia), from central Western Australia. *Transactions of the Royal Society of South Australia* 92: 3–14.
- Southgate, R.I. (1994) Why reintroduce the bilby? In M. Serena (Ed.) *Reintroduction Biology in Australian and New Zealand Fauna*. Surrey Beatty & Sons, Sydney, pp. 165–70.
- Southgate, R., Palmer, C., Adams, M., Masters, P., Triggs, B. & Woinarski, J. (1996) Population and habitat characteristics of the golden bandicoot (*Isoodon auratus*) on Marchinbar Island, Northern Territory. *Wildlife Research* 23: 647–64.
- Tate, G.H.H. (1948) Results of the Archbold Expeditions. No. 60. Studies in the Peramelidae (Marsupialia). *Bulletin of the American Museum of Natural History* 92: 313–46.
- Walton, D & Richardson, B.J. (Eds) *Fauna of Australia*. Vol. 1B. Australian Government Publishing Service, Canberra.
- Watts, C.H.S. (1969) Distribution and habits of the rabbit bandicoot. *Transactions of the Royal Society of South Australia* 93: 136–41.
- Watts, C.H.S. (1974) The Nuyts Island bandicoot (*Isoodon obesulus nauticus*). *South Australian Naturalist* 49: 20–24.

## Chapter 6 – Koalas

- Archer, M. (1984) On the importance of being a koala. In M. Archer & G. Clayton (Eds) *Vertebrate Zoogeography and Evolution in Australasia*, Hesperian Press, Carlisle, Western Australia, pp. 809–15.
- Australian Nature Conservation Agency (no date) *Draft – Conditions for the Overseas Transfer of Koalas*, ANCA, Canberra.
- Backhouse, T.C. & Bolliger, A. (1960) *Cryptococcus* in the koala (*Phascolarctos cinereus*). *Australian Journal of Science* 23: 86–87.
- Backhouse, T.C. & Bolliger, A. (1961) Morbidity and mortality in the koala (*Phascolarctos cinereus*). *Australian Journal of Zoology* 9: 24–37.
- Bergin, T.J. (Ed.) (1978) *The Koala. Proceedings of the Taronga Symposium on Koala Biology, Management and Medicine*. Zoological Parks Board of New South Wales, Sydney.
- Booth, R. (1991) Husbandry, handling, anaesthesia and common diseases of Australian native mammals. In D.C. Blood (Ed.) *Diseases of Exotic and Zoo Animals*. Recent Advance Series. Seminars for Veterinarians. Melbourne Zoo, Parkville, pp. 8–38.
- Brown, A.S., Carrick, F.N., Gordon, G. & Reynolds, K. (1984) Diagnosis and epidemiology of an infertility disease in the female koala. *Veterinary Pathology* 25: 242–48.
- Brown, A.S., Girjes, A.A., Lavin, M.F., Timms, P. & Woolcock, J.B. (1987) Chlamydial disease in koalas. *Australian Veterinary Journal* 64: 346–50.
- Canfield, P.J. (1986) A disease outbreak involving pneumonia in captive koalas. *Australian Veterinary Journal* 63: 312–13.
- Canfield, P.J. (1987) A mortality survey of free range koalas from the north coast of New South Wales. *Australian Veterinary Journal* 64: 325–32.

- Canfield, P.J., Sabine, J.M. & Love, D.N. (1988) Virus particles associated with leukaemia in a koala. *Australian Veterinary Journal* 65: 327–28.
- Canfield, P.J., Gee, D.R. & Wigney, D.I. (1989) Urinalysis in captive koalas. *Australian Veterinary Journal* 66: 376–77.
- Canfield, P. (1990) Disease studies on New South Wales koalas. In A.K. Lee, K.A. Handasyde & G.D. Sanson (Eds) *Biology of the Koala*. Surrey Beatty & Sons, Sydney, pp. 249–54.
- Carrick, F.N., Wood, A.D. & Fyfe, L. (1986) Standards for treatment of koalas. In G. Gordon (Ed.) *Koalas: Research for Management. Proceedings of the Brisbane Koala Symposium*. 22–23 September 1990. World Koala Research Incorporated, Brisbane, pp. 148–53.
- Cleva, G. M., Stone, G. M. & Dickens, R. K. (1994) Seasonal changes in haematocrit in captive koalas (*Phascolarctos cinereus*). *Australian Journal of Zoology* 42: 233–36.
- Cork, S.J., Hume, I.D. & Dawson, T.J. (1983) Digestion and metabolism of a mature foliar diet (*Eucalyptus punctata*) by an arboreal marsupial, the koala (*Phascolarctos cinereus*). *Journal of Comparative Physiology B*. 153: 181–90.
- Cork, S.J. & Hume, I.D. (1983) Microbial digestion in the koala (*Phascolarctos cinereus*, Marsupialia) an arboreal folivore. *Journal of Comparative Physiology B*. 152: 131–35.
- Dickens, R.K. (1975) The koala (*Phascolarctos cinereus*) Past, Present and Future. *Australian Veterinary Journal* 51: 459–63.
- Dickens, R.K. (1976) Koala (*Phascolarctos cinereus*) haematology. *Australian Veterinary Practitioner*. March 15–19.
- Eberhard, I.H. (1978) Ecology of the koala, *Phascolarctos cinereus* (Goldfuss) Marsupialia: Phascolarctidae, in Australia. In G.G. Montgomery (Ed.) *The Ecology of Arboreal Folivores*, Smithsonian Institution Press, Washington, pp. 315–28.
- Gardiner, M.R. & Nairn, M.M. (1964) *Cryptococcus* in koalas in Western Australia. *Australian Veterinary Journal* 40: 62–63.
- George, G.G. (1977) Food preferences of Koalas at Healesville. *Bulletin of Zoo Management* 8: 30–33.
- Glassick, T., Gifford, P. & Timms, P. (1997) Outer membrane protein 2 gene sequences indicate that *Chlamydia pecorum* and *Chlamydia pneumoniae* cause infections in koalas. *Systematic Applied Microbiology* 19: 457–64.
- Gordon, G., McGreevy, D.G. & Lawrie, B.C. (1981) Social organisation of male koalas. In *Proceedings of the Lone Pine Koala Symposium* 21–22 August 1981. Department of Veterinary Anatomy, University of Queensland and Lone Pine Sanctuary, Brisbane, pp. 13.
- Gordon, G. (1990) Koalas: Research for Management. *Proceedings of the Brisbane Koala Symposium*. World Koala Research Incorporated, Brisbane.
- Gould, J. (1863) *The Mammals of Australia*. Taylor & Francis, London.
- Hanger, J. & Heath, T. (1991) Topography of the major superficial lymph nodes and their lymph pathways in the koala (*Phascolarctos cinereus*). *Journal of Anatomy* 177: 67–74.
- Hindell, M.A., Handasyde, K.A. & Lee, A.K. (1985) Tree species selection by free-ranging koala populations in Victoria. *Australian Wildlife Research* 12: 127–44.
- Hughes, R.L. (1974) Morphological studies on implantation in marsupials. *Journal of Reproduction and Fertility* 39: 173–86.
- Iredale, T. & Whitley, G. (1934) The early history of the koala. *Victorian Naturalist* 51: 62–72.
- Jones, F.W. (1924) *The Mammals of South Australia. Part II. The Bandicoots and the Herbivorous Marsupials*. Government Printer, Adelaide.
- Lanyon, J.M. (1982) Aspects of tooth wear nutrition in the Koala *Phascolarctos cinereus* (Goldfuss). Unpublished Honours Thesis, Monash University, Clayton.
- Lanyon, J.M. & Sanson, G.D. (1986) Koala (*Phascolarctos cinereus*) dentition and nutrition. I. Morphology and occlusion of cheek teeth. *Journal of Zoology* (London) 209: 155–68.
- Lee, A.K., Handasyde, K.A. & Sanson, G.D. (Eds) (1991) *Biology of the Koala*. Surrey Beatty & Sons, and the World Koala Research Corporation, Sydney.
- Lithgow, K.A. (1982) Koala feeding on Monterey pine. *Victorian Naturalist* 99: 259.
- Lunney, D., Urquhart, C.A. & Reed, P. (Eds) (1990) Koala Summit – Managing Koalas in New South Wales. *Proceedings of the Koala Summit* held at the University of Sydney 7–8 November 1988. NSW National Parks & Wildlife Service, Sydney.
- McColl, K.A., Martin, R.W., Gleeson, L.J. Handasyde, K.A. & Lee, A.K. (1984) Chlamydia infection and infertility in the female koala (*Phascolarctos cinereus*). *Veterinary Record* 115: 655.
- McKenzie, R.A., Wood, A.D. & Blackall, P.J. (1979) Pneumonia associated with *Bordetella bronchiseptica* in captive koalas. *Australian Veterinary Journal* 55: 427–30.
- McKenzie, R.A. (1981) Observations on disease of free-living and captive koalas (*Phascolarctos cinereus*). *Australian Veterinary Journal* 57: 243–46.
- Martin, R.W. & Lee, A.K. (1984) The koala, *Phascolarctos cinereus*; the largest marsupial folivore. In A.P. Smith & I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 463–67.
- Miller, M. (1988) Koala management at Healesville Sanctuary. *Thylacinus* 13(4): 6–12.
- Obendorf, D. (1981) Pathology of the female reproductive tract in the Koala, *Phascolarctos cinereus* (Goldfuss) from Victoria Australia. *Journal of Wildlife Diseases* 17: 578–92.
- Obendorf, D.L. (1983) Causes of mortality and morbidity of wild koalas. *Phascolarctos cinereus* (Goldfuss), in Victoria, Australia. *Journal of Wildlife Diseases* 19: 123–31.
- Osawa, R & Mitsuoka, T. (1990) Faecal microflora of captive koalas, *Phascolarctos cinereus* (Marsupialia: Phascolarctidae). *Australian Mammalogy* 13: 141–47.

- Phillips, S., Callaghan, J. & Thompson, V. (2000) The tree species preferences of koalas (*Phascolarctos cinereus*) inhabiting forests and woodland communities on Quaternary deposits in the Port Stephens area, New South Wales. *Wildlife Research* 27: 1–10.
- Pocock, R.I. (1921) The external characters of the koala (*Phascolarctos cinereus*) and some related marsupials. *Proceedings of the Zoological Society of London* 1921: 591–607.
- Russell, E.G. & Straube, E.F. (1979) *Streptobacillary pleuritis* in a koala (*Phascolarctos cinereus*). *Journal of Wildlife Diseases* 15: 391–94.
- Scoggins, B.A. & Barlow, R. (1981) The effect of capture, confinement and adrenocorticotrophic hormones on blood corticosteroids in the Koala. In *Proceedings of the Lone Pine Koala Symposium* 21–22 August 1981. Department of Veterinary Anatomy, University of Queensland & Lone Pine Koala Sanctuary, Brisbane, pp. 7.
- Smith, M.T.A. (1975) Behaviour of the koala, *Phascolarctos cinereus* (Goldfuss), in captivity, with notes on reproduction and growth. MSc Thesis. Department of Zoology, University of Queensland, St Lucia, Queensland.
- Smith, M.T.A. (1979) Behaviour of the Koala, *Phascolarctos cinereus* (Goldfuss) in captivity. I. Non-social behaviour. *Australian Wildlife Research* 6: 117–28.
- Smith, M.T.A. (1979) Behaviour of the Koala, *Phascolarctos cinereus* (Goldfuss) in captivity. II. Parental and infantile behaviour. *Australian Wildlife Research* 6: 129–40.
- Sonnag, C.F. (1921) The comparative anatomy of the Koala (*Phascolarctos cinereus*) and Vulpine Phalanger (*Trichosurus vulpecula*). *Proceedings of the Zoological Society of London* 1921: 547–77.
- Starr, J. (1990) Koalas. In Hand, S.J. (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 83–90.
- Sutton, C.S. (1934) The koala's food trees. *Victorian Naturalist* 51: 78–80.
- Troughton, E. leG. (1941) *Furred Animals of Australia*. Angus and Robertson, Sydney.
- Ullrey, D.E., Robinson, P.T. & Whetter, P.A. (1981) Composition of preferred and rejected eucalyptus browse offered to captive koalas, *Phascolarctos cinereus* (Marsupialia). *Australian Journal of Zoology* 29: 839–46.
- Weigler, B.J., Booth, R.J., Osawa, R. & Carrick, F.N. (1987) Causes of morbidity and mortality in 75 free-ranging and captive koalas in south east Queensland, Australia. *Veterinary Record* 121: 571–72.
- White, N.A. (1999) Ecology of the koala (*Phascolarctos cinereus*) in rural south-east Queensland, Australia. *Wildlife Research* 26: 731–44.
- Williams, H.D. (1975) *The Year of the Koala*. Charles Scribner's Sons, New York.
- Williams, P.C. (1971) Observations on food preferences as displayed by Koalas in Melbourne Zoo. *Melbourne Zoo Newsletter* 3: 6–11.

- Worthington, Wilmer, J.M., Melzer, A., Carrick, F. & Moritz, C. (1993) Low genetic diversity and inbreeding depression in Queensland koalas. *Wildlife Research* 20: 177–88.

## Chapter 7 – Wombats

- Amelung, R. & Böer, M. (1990) Ein Wombat kommt zur Welt. *Der Zoofreund* 77: 14–15.
- Boardman, W. (1943) On the external characters of the pouch young of some Australian marsupials. *Australian Zoologist* 10: 138–60.
- Böer, M. (1980) Zur Biologie der Plumpbeutler und zum Verhalten von *Vombatus ursinus* Shaw 1800 im Zoologischen Garten. Inaugural dissertation, Hannover School of Veterinary Medicine.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Ealey, E.M.H. (1969) The wombat. *Victorian Naturalist* 86: 64–66.
- Finlayson, H.H. (1961) Mitchell's wombats in South Australia. *Transactions of the Royal Society of South Australia* 85: 207–15.
- Finnie, E.P. (1976) Husbandry and diseases of orphaned pouch-young marsupials. *Australian Veterinary Practice* (March): 19–28.
- Bryden, D.I. (Ed.) (1988) *Australian Wildlife*. Proceedings 104. Post Graduate Committee in Veterinary Science. University of Sydney, Sydney.
- Fain, A. (1978) Epidemiological problems of scabies. *International Journal of Dermatology* 17: 20–30.
- Flosser, R. (1984) Five colonies of the hairy-nosed wombat *Lasiorchinus latifrons* (Owen 1845) in the Brookfield Conservation Park in South Australia. *Zoologischer Anzeiger* 213(3–4): 224–33.
- Flosser, R. (1984) Behavioural aspects of the hairy-nosed wombat, *Lasiorchinus latifrons* (Owen 1845) in its natural environment in South Australia. *Saugetierkundliche Mitt.* 31(2–3): 113–21.
- Gaughwin, M.D. & Judson, J. (1980) Haematology and clinical chemistry of hairy-nosed wombats (*Lasiorchinus latifrons*). *Journal of Wildlife Diseases* 16: 275–709.
- Gaughwin, M.D. & Wells, R.T. (1978) General features of reproduction of the hairy-nosed wombat (*Lasiorchinus latifrons*) in the Blanche town region of South Australia. *Australian Mammal Society Bulletin* 5(1): 46–47.
- Gaughwin, M.D. (1981) Socio-ecology of the hairy-nosed wombat (*Lasiorchinus latifrons*) in the Blanche Town region of South Australia. PhD Thesis. University of Adelaide, Adelaide.
- Gaughwin, M.D., Judson, G.J., Macfarlane, W.V. & Siebert, B.D. (1984) Effect of drought on the health of wild hairy-nosed wombats, *Lasiorchinus latifrons*. *Australian Wildlife Research* 11: 455–63.

- Gewalt, W. (1978) Über einige seltenere Nachzuchten im Zoo Duisburg. *Der Zoologische Garten Neue Folge* 48: 141–54.
- Gewalt, W. (1964) Kleinw Beobachtungen an selteneren Beuteltieren im Berliner Zoo. I. IV. Breitstirn-Wombat (*Phascolomys latifrons* Owen 1845). *Der Zoologische Garten* 33: 119–22.
- Gordon, G., Riney, T., Troop, J., Lawrie, B.C. & Godwin, M.D. (1985) Observations on the Queensland hairy-nosed wombat, *Lasiiorhinus krefftii* (Owen). *Biological Conservation* 33: 165–95.
- Johnson, C.N. & Crossman, D.G. (1991) Dispersal and social organisation of the northern hairy-nosed wombat *Lasiiorhinus krefftii*. *Journal of Zoology* (London) 225: 605–13.
- Kershaw, J.A. (1909) Notes on the wombat *Phascolomys ursinus* (Shaw 1800) from Flinders Island. *Proceedings of the Royal Geographic Society of Victoria* 22: 330–40.
- Longman, M.A. (1939) A central Queensland wombat. *Memoirs of the Queensland Museum* 11(2): 283–87.
- Lunney, D. & O'Connell, M. (1988) Habitat selection by the swamp wallaby, *Wallabia bicolor*, the red necked wallaby, *Macropus rufogriseus*, and the common wombat, *Vombatus ursinus*, in logged, burnt forest near Bega, New South Wales. *Australian Wildlife Research* 15: 695–706.
- McIlroy, J.C., Cooper, R.J. & Gifford, E.J. (1981) Inside the burrow of the common wombat, *Vombatus ursinus* (Shaw 1800). *Victorian Naturalist* 9: 60–64.
- Marks, C.A. (1984) The effects of seasonal variation in ambient temperature on the activity rhythms of the common wombat, *Vombatus ursinus* (Shaw, 1800). Project Report. Victoria College, Rusden.
- Martin, R., Handasyde, K. & Skerratt, L.F. (1996) National survey of mange in wombats. Unpub. Report.
- Presidente, P.J.A. (1979) Liver lesions in the common wombat associated with migrating *Taenia* larvae. *International Journal of Parasitology* 9: 351–55.
- Reichman, O.J. & Smith, S.C. (1990) Burrows and burrowing behaviour by mammals. In H.H. Genoways (Ed.) *Current Mammalogy*. Plenum Press, New York, pp. 197–244.
- Rothwell, J.T., Canfield, P.J. & Wilks, C.R. (1988) Death due to a probable herpesvirus infection in a common wombat (*Vombatus ursinus*). *Australian Veterinary Journal* 65: 360–61.
- Stott, P. (1996) Ground-penetrating radar: a technique for investigating the burrow structures of fossorial vertebrates. *Wildlife Research* 23: 519–30.
- Tate, G.H.H. (1951) The wombat (Marsupialia, Phascolomyidae). *American Museum Novitates* 1525: 1–18.
- Wells, R.T. & Pridmore, P.A. (1999) *Wombats*. Surrey Beatty, Chipping Norton.
- Wilson, K.J. & Kilgore, D.L. Jr (1978) The effects of location and design on the diffusion of respiratory gases in mammal burrows. *Journal of Theoretical Biology* 71: 73–101.
- Withers, P.C. (1978) Models of diffusion-mediated gas exchange in animal burrows. *American Naturalist* 112: 1102–112.
- Woolnough, A.P. & Johnson, C.N. (2000) Assessment of the potential for competition between two sympatric herbivores – the northern hairy-nosed wombat, *Lasiiorhinus krefftii*, and the eastern grey kangaroo, *Macropus giganteus*. *Wildlife Research* 27: 301–8.
- Wünschmann, A. (1967) Haltungserfahrungen mit wombats. *Zoologischen Garten N.F. Jena* 34: 251–63.
- Wünschmann, A. (1970) *Die Plumpbeutler (Vombatidae)*. A Ziemsen Verlag Wittenberg Lutherstadt.

## Chapter 8 – Possums and Gliders

- Aitken, P.F. (1974) The little pygmy possum (*Cercartetus lepidus* (Thomas)) on Kangaroo Island, South Australia. *South Australian Naturalist* 48: 36–43.
- Archer, M. (Ed.) (1987) *Possums & Opossums*. Surrey Beatty & Sons, Sydney.
- Arnould, J. (1986) Aspects of the diet of the eastern pygmy-possum, *Cercartetus nanus* (Desmarest). BScHons Thesis. Monash University, Victoria.
- Baily, S.W. & Dunnett, G.M. (1960) The gaseous environment of the pouch young of the brush-tailed possum, *Trichosurus vulpecula* Kerr. *Wildlife Research* 5: 149–51.
- Bartholomew, G.A. & Hudson, J.W. (1962) Hibernation, aestivation, temperature regulation, evaporative water loss, and heart rate of the pygmy possum, *Cercartetus nanus*. *Physiological Zoology* 25: 94–107.
- Bell, M.J. & Bell, T.J. (1997) Use of *Lophostemon confertus* as a sap-feed tree by yellow-bellied gliders, *Petaurus australis*, on the mid north coast of New South Wales. *Australian Mammalogy* 20: 103–6.
- Bombardieri, R.A. & Johnson, J.I. (1969) Daily activity schedule of captive possums. *Psychon. Sci.* 17: 135–36.
- Brazener, C.W. (1934) Field notes on the yellow-bellied flying phalanger. *Australian Zoologist* 8: 54–55.
- Broome, L.S. & Geiser, F. (1995) Hibernation in free-living mountain pygmy-possums, *Burramys parvus* (Marsupialia: Burramyidae). *Australian Journal of Zoology* 43: 373–79.
- Buddle, B.M., Aldwell, F.E., Jowett, G., Thomson, A., Jackson, R. & Paterson, B.M. (1992) Influence of stress of capture on haematological values and cellular immune responses in the Australian brushtail possum (*Trichosurus vulpecula*). *New Zealand Veterinary Journal* 40: 155–59.
- Calaby, J.H. (1957) A new record of the scaly-tailed possum (*Wyulda squamicaudata* Alexander). *Western Australian Naturalist* 5: 186–91.
- Carthew, S.M., Goldingay, R.L. & Funnell, D.L. (1999) Feeding behaviour of the yellow-bellied glider (*Petaurus australis*) at the edge of its range. *Wildlife Research* 26: 199–208.
- Claridge, A.W. & Lindenmayer, D.B. (1993) The mountain brushtail possum (*Trichosurus vulpecula* Ogilby): disseminator of fungi in the mountain ash forests of the

- central highlands of Victoria. *Victorian Naturalist* 110: 91–95.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Clout, M.N. & Efford, M.G. (1984) Sex differences in the dispersal and settlement of brushtail possums (*Trichosurus vulpecula*). *Journal of Animal Ecology* 53: 737–49.
- Collins, B.G., Wooller, R.D. & Richardson, K.C. (1987) Torpor by the honey possum, *Tarsipes rostratus* (Marsupialia: Tarsipedidae), in response to food shortage and low environmental temperature. *Australian Mammalogy* 11: 51–57.
- Colman, J.D. & Green, W.Q. (1984) Variations in the sex and age distributions of brush-tailed possum populations. *New Zealand Journal of Zoology* 11: 313–18.
- Cowan, P.E. (1989) Denning habits of common brushtail possums, *Trichosurus vulpecula* in New Zealand lowland forest. *Australian Wildlife Research* 16: 63–78.
- Craig, S.A. & Belcher, C.A. (1980) A technique for live trapping the yellow-bellied glider, *Petaurus australis*, with notes on the biology of the species. *Victorian Naturalist* 97: 205–10.
- Dawson, T.J. & De Gabrielle, R. (1973) The cuscus (*Phalanger maculatus*) – a marsupial sloth? *Journal of Comparative Physiology* 83: 41–50.
- Drake, B.J. (1982) Management of a large captive colony of Leadbeater's possum. In C.B. Banks (Ed.) *Rare, Endangered and Limited Gene Pool Species in Australasia*. Australian Society of Zoo Keepers, Melbourne, pp. 87–91.
- Evans, M. (1992) Diet of the brushtail possum *Trichosurus vulpecula* (Marsupialia: Phalangeridae) in central Australia. *Australian Mammalogy* 15: 25–30.
- Fairfax, R.A. (1982) Notes on the honey possum *Tarsipes spenceriae* at Perth Zoo. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 88–89.
- Fairfax, R.A. (1982) Notes on the western pygmy-possum *Cercartetus concinnus* in captivity. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 87.
- Flannery, T.F. (1994) *Possums of the World – A Monograph of the Phalangerioidea*. GEO Productions and the Australian Museum, Sydney.
- Fleay, D. (1932) The lesser flying phalanger (Sugar squirrel). *Victorian Naturalist* 49: 97–101.
- Fleay, D. (1932) The pigmy flying possum. *Victorian Naturalist* 49: 165–71.
- Fleay, D. (1933) The greater flying phalanger. *Victorian Naturalist* 50: 135–42.
- Freeland, W.J., Winter, J.W. & Raskin, S. (1988) Australian rock-mammals: a phenomenon of the seasonally dry tropics. *Biotropica* 20: 70–79.
- Geiser, F. (1985) Hibernation in pygmy possums (Marsupialia: Burramyidae). *Comparative Biochemical Physiology* 81A: 459–63.
- Geiser, F. & Baudinette, R.V. (1990) The relationship between body mass and rate of rewarming from hibernation and daily torpor in mammals. *Journal of Experimental Biology* 151: 349–59.
- Geiser, F. (1994) Hibernation and daily torpor in marsupials: a review. *Australian Journal of Zoology* 42: 1–16.
- Gewalt, W. (1964) Kleinw Beobachtungen an selteneren Beuteltieren im Berliner Zoo. I. Kuskus (*Phalanger maculatus*). *Der Zoologische Garten* 28: 213–25.
- Gilby, A.R., McKellar, J.W. & Beaton, C.D. (1976) The structure of lerps: carbohydrates, lipid and protein components. *Journal of Insect Physiology* 22: 689–96.
- Gilmore, D.P. (1967) Foods of the Australian opossum (*Trichosurus vulpecula* Kerr) on Banks Peninsula, Canterbury, and a comparison with other selected areas. *New Zealand Journal of Science* 10: 235–79.
- Gilmore, D.P. (1969) Seasonal reproductive periodicity in the male Australian brush-tailed possum (*Trichosurus vulpecula*). *Journal of Zoology* (London) 157: 75–98.
- Goldingay, R.L. (1986) Feeding behaviour of the yellow-bellied glider, *Petaurus australis* (Marsupialia: Petauridae), at Bombala, New South Wales, New South Wales. *Australian Mammalogy* 9: 17–25.
- Goldingay, R.L. (1987) Sap feeding by a marsupial, *Petaurus australis*: an enigmatic behavior? *Oecologia* 73: 154–58.
- Goldingay, R.L. & Kavanagh, R.P. (1988) Detectability of the feathertail glider, *Acrobates pygmaeus* (Marsupialia, Burramyidae), in relation to measured weather variables. *Australian Mammalogy* 11: 67–70.
- Goldingay, R.L. (1989) The behavioural ecology of the gliding marsupial, *Petaurus australis*. PhD Thesis. University of Wollongong, NSW.
- Goldingay, R.L. (1989) Time budget and related aspects of the foraging behaviour of the yellow-bellied glider, *Petaurus australis*. *Australian Wildlife Research* 16: 105–12.
- Goldingay, R.L. (1990) The foraging behaviour of a nectar feeding marsupial, *Petaurus australis*. *Oecologia* 85: 191–99.
- Goldingay, R.L. (1991) An evaluation of hypotheses to explain the pattern of sap feeding by the yellow-bellied glider, *Petaurus australis*. *Australian Journal of Ecology* 16: 491–500.
- Goldingay, R.L. & Kavanagh, R.P. (1993) Home-range estimates and habitat of the yellow-bellied glider (*Petaurus australis*) at Waratah Creek, New South Wales. *Wildlife Research* 20: 387–404.
- Goldingay, R.L. (2000) use of sap trees by the yellow-bellied glider in the Shoalhaven region of New South Wales. *Wildlife Research* 27: 217–22.
- Green, W.Q. (1984) A review of ecological studies relevant to management of the common brushtail possum. In A.P. Smith and I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 483–99.
- Green, B. & Merchant, J. (1988) The composition of marsupial milk. In C.H. Tyndale-Biscoe & P.A. Janssens (Eds) *The Developing Marsupial*. Springer, Berlin, pp. 41–54.

- Hartman, C.G. (1952) *Possums*. University of Texas Press, Austin.
- Hawkins, M.R. (1998) Effects of olfactory enrichment on Australian marsupial species. In *Proceedings of the Third International Conference on Behavioural Enrichment*. Sea World Orlando Florida. 12–17 October 1997. Shape of Enrichment Inc., San Diego, California, pp. 135–49.
- Hope, R.M. (1971) The maintenance of the brush-tailed possum *Trichosurus vulpecula* in captivity. *International Zoo Yearbook* 11: 24–25.
- Hough, I., Reuter, R.E., Rahaley, R.S., Belford, C., Miller, R. & Mitchell, G. (1992) Cutaneous lymphosarcoma in a sugar glider. *Australian Veterinary Journal* 69: 93.
- How, R.A. (1978) Population strategies in four species of Australian possums. In G. Montgomery (Ed.) *Ecology of Arboreal Folivores*. Smithsonian Institution Press, Washington, pp. 305–13.
- How, R.A. & Hillcox, S.J. (2000) Brushtail possum, *Trichosurus vulpecula*, populations in south-western Australia: demography, diet and conservation status. *Wildlife Research* 27: 81–89.
- Hunter, S. (1992) Attempts at breeding the mountain pygmy-possum at Healesville Sanctuary. *Thylacinus* 17(4): 2–4.
- Irby, F.M. (1930) ‘Mirram’ – little happy one. *Australian Zoologist* 6: 11–14.
- Jackson, S.M. (2000) Habitat relationships of the mahogany glider, *Petaurus gracilis*, and the sugar glider, *Petaurus breviceps*. *Wildlife Research* 27: 21–37.
- James, E.A. & Green, R.H. (1982) Population structure and age determination in a series of skulls from four populations of the Tasmanian brush-tailed possum *Trichosurus vulpecula*. *Records of the Queen Victoria Museum* 80: 1–12.
- Jolly, S.E., Scobie, S. & Coleman, M.C. (1995) Breeding capacity of female brushtail possums *Trichosurus vulpecula* in captivity. *New Zealand Journal of Zoology* 22: 325–30.
- Jones, F.W. (1921) On the habits of *Trichosurus vulpecula*. *Journal of Mammalogy* 2: 187–93.
- Kavanagh, R.P. (1987) Foraging behaviour of the yellow-bellied glider, *Petaurus australis* Shaw (Marsupialia: Petauridae), near Eden, New South Wales. *Australian Mammalogy* 10: 37–39.
- Kavanagh, R.P. (1987) Forest phenology and its effect of foraging behaviour and selection of habitat by the yellow-bellied glider, *Petaurus australis* Shaw. *Australian Wildlife Research* 14: 371–84.
- Kawata, K. (1971) Observations on the 24-hour activity cycle of the Australian echidna *Tachyglossus aculeatus* and the brushtail possum *Trichosurus vulpecula* at Topeka Zoo. *International Zoo Yearbook* 11: 28–30.
- Kelsey-Wood, D. (1996) *Sugar Gliders as Your New Pet*. T.F.H. Publications, USA.
- Kerle, J.A. (1998) The population dynamics of a tropical possum, *Trichosurus vulpecula arnhemensis* Collett. *Wildlife Research* 25: 171–81.
- Kingsmill, E. (1962) An investigation of criteria for estimating age in the marsupials *Trichosurus vulpecula* Kerr and *Perameles nasuta* Geoffroy. *Australian Journal of Zoology* 10: 597–616.
- Klettenheimer, B. (1994) Social dominance and scent marking in the sugar glider (*Petaurus breviceps*). *Advances in the Biosciences* 93: 345–52.
- Landwehr, G.O., Richardson, K.C. & Wooller, R.D. (1990) Sugar preferences of honey possums *Tarsipes rostratus* (Marsupialia: Tarsipedidae), and western pygmy possums *Cercartetus concinnus* (Marsupialia: Burramyidae). *Australian Mammalogy* 13: 5–10.
- Lindenmayer, D., Tanton, M. & Norton, T. (1992) *Identification of the Forest Habitats of Possums and Gliders in Central Victoria*. ANU, Canberra.
- Lindenmayer, D.B., Boyle, S., Burgman, M.A., McDonald, D. & Tomkins, B. (1994) The sugar and nitrogen content of gums of Acacia species in the mountain ash and alpine ash forests of central Victoria and its potential implications for exudivorous arboreal marsupials. *Australian Journal of Ecology* 19: 169–77.
- Lindenmayer, D. (1996) *Wildlife and Woodchips – Leadbeater’s possum. – A test case for sustainable forestry*. University of NSW Press, Sydney.
- Lindenmayer, D.B. & Meggs, R.A. (1996) Use of den trees by Leadbeater’s possum (*Gymnobelideus leadbeateri*). *Australian Journal of Zoology* 44: 625–38.
- Lindenmayer, D.B. (1997) Differences in the biology and ecology of arboreal marsupials in forests of southeastern Australia. *Journal of Mammalogy* 78: 1117–27.
- Lyman, C.P., Willis, J.S., Malan, A. & Wang, L.C.H. (1982) *Hibernation and Torpor in Mammals and Birds*. Academic Press, New York.
- Mackowski, C.M. (1986) Distribution, habitat and status of the yellow-bellied glider, *Petaurus australis* Shaw (Marsupialia: Petauridae) in north eastern New South Wales. *Australian Mammalogy* 9: 141–44.
- Mansergh, I.M. & Scotts, D.J. (1986) Winter occurrence of the mountain pygmy-possum, *Burramys parvus* (Broom) (Marsupialia: Burramyidae), on Mt Higginbotham, Victoria. *Australian Mammalogy* 9: 35–42.
- Munks, S. (1995) The breeding biology of *Pseudocheirus peregrinus viverrinus* on Flinders Island, Bass Strait. *Wildlife Research* 22: 521–34.
- Munks, S. & Green, B. (1995) Energy allocation for reproduction in a marsupial arboreal folivore, the common ringtail possum (*Pseudocheirus peregrinus viverrinus*). *Oecologia* 101: 94–104.
- O’Reilly, H.M., Mansergh, I. & Willig, R. (1986) Daily pattern of activity of a captive mountain pygmy-possum, *Burramys parvus* (Broom) (Marsupialia: Burramyidae). *Australian Mammalogy* 9: 53–55.
- Owen, W.H. & Thomson, J.A. (1965) Notes on the comparative ecology of the common brushtail and mountain possums in eastern Australia. *Victorian Naturalist* 82: 216–17.

- Peach, L.J. (1985) Captive breeding of Leadbeater's possum (*Gymnobelideus leadbeateri*). In *Proceedings of the Australasian Society of Zoo Keepers 1985 Meeting*. 15–18 March 1985. Currumbin Sanctuary, Gold Coast Queensland, pp. 10–16.
- Pekelharing, C.J. (1970) Cementum deposition as an age indicator in the brush-tailed possum *Trichosurus vulpecula* Kerr (Marsupialia). *Australian Journal of Zoology* 18: 71–76.
- Rand, A.L. (1937) Some original observations on the habits of *Dactylopsila trivirgata* Gray. *American Museum Novitates* 957: 1–7.
- Renfree, M.B. (1981) Embryonic diapause in Marsupials. *Journal of Reproduction and Fertility Supplement* 29: 67–78.
- Rowston, C. (1997) Nest- and refuge-tree usage by squirrel gliders, *Petaurus norfolcensis*, in south-east Queensland. *Wildlife Research* 24: 157–64.
- Runcie, M. (2000) Adventures at possum rock. *Nature Australia* Autumn: 30–37.
- Russell, R. (1980) *Spotlight on Possums*. University of Queensland Press, Brisbane.
- Salminen, S., Pridmore, P.A., Adams, E. & Ahokas, J.T. (1992) A comparison of the faecal microflora in wild and laboratory-held feathertail gliders, *Acrobates pygmaeus* (Marsupialia: Acrobatidae). *Australian Mammalogy* 15: 615.
- Scarlett, G. & Woolley, P.A. (1980) The honey possum, *Tarsipes spencerae* (Marsupialia: Tarsipedidae): A non-seasonal breeder? *Australian Mammalogy* 3: 97–103.
- Sanderson, K.J. & O'Driscoll, M. (1986) Breeding season of brushtail possums, *Trichosurus vulpecula* (Marsupialia: Phalangeridae), in Adelaide. *Australian Mammalogy* 9: 139–40.
- Schultze-Westrum, T.G. (1969) Social communications by chemical signals in flying phalangers (*Petaurus breviceps papuanus*). In C. Pfaffmann (Ed.) *Olfaction and Taste*. Rockefeller University Press, New York, pp. 268–77.
- Sharpe, D.J. & Goldingay, R.L. (1998) Feeding behaviour of the squirrel glider at Bungawalbin Nature Reserve, north-eastern New South Wales. *Wildlife Research* 25: 243–54.
- Slater, G. (1987) Maintaining the mountain pygmy-possum *Burramys parvus* in captivity at Healesville Sanctuary. *Thylacinus* 12: 2–5.
- Smith, A.P. & Hume, I. (1984) *Possums and Gliders*. Surrey Beatty and Sons, Sydney.
- Smith, A.P. & Green, S.W. (1987) Nitrogen requirements of the sugar glider (*Petaurus breviceps*), an omnivorous marsupial, on a honey-pollen diet. *Physiological Zoology* 60: 82–92.
- Smith, A.P. & Lindenmayer, D. (1988) Tree hollow requirements of Leadbeater's possum and other possums and gliders in timber production ash forests of the Victorian central highlands. *Australian Wildlife Research* 15: 347–62.
- Smith, A.P. & Broome, L. (1992) The effects of season, sex and habitat on the diet of the mountain pygmy possum (*Burramys parvus*). *Wildlife Research* 19: 755–68.
- Smith, A.P. & Ganzhorn, J.U. (1996) Convergence in community structure and dietary adaptation in Australian possums and gliders and Malagasy lemurs. *Australian Journal of Ecology* 21: 31–46.
- Statham, M. & Statham, H.L. (1997) Movements and habits of brushtail possums (*Trichosurus vulpecula* Kerr) in an urban area. *Wildlife Research* 24: 715–26.
- Stoddart, D.M. & Bradley, A.J. (1991) The frontal and gular dermal scent organs of the marsupial sugar glider (*Petaurus breviceps*). *Journal of Zoology* (London) 225: 1–12.
- Suckling, G.C. & MacFarlane, M.A. (1983) Introduction of the sugar glider, *Petaurus breviceps*, into re-established forest of the Tower Hill Sate Game reserve, Victoria. *Australian Wildlife Research* 10: 249–58.
- Tate, G.H.H. (1945) Results of the Archbold Expeditions. No. 52. The marsupial genus *Phalanger*. *American Museum Novitates* 1283: 1–41.
- Tate, G.H.H. (1945) Results of the Archbold Expeditions. No. 54. The marsupial genus *Pseudocheirus* and its subgenera. *American Museum Novitates* 1287: 1–30.
- Tate, G.H.H. (1945) Results of the Archbold Expeditions. No. 55. Notes on the squirrel-like and mouse-like possums (Marsupialia). *American Museum Novitates* 1305: 1–12.
- Thomas, D. E. (1982) Notes on the behaviour of the mountain pygmy-possum *Burramys parvus*. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 85–86.
- Traill, B.J. & Lill, A. (1997) Use of tree hollows by two sympatric gliding possums, the squirrel glider, *Petaurus norfolcensis*, and the sugar glider, *P. breviceps*. *Australian Mammalogy* 20: 79–88.
- Triggs, B. (1991) *Possums*. Houghton Mifflin, Wantirna South, Victoria.
- Troughton, E. Le G. (1924) The 'honey possum' *Tarsipes perserae* Gray. *Australian Zoologist* 3: 272–76.
- Troughton, E. (1930) Notes on striped opossums of the genus *Dactylopsila*. *Australian Zoologist* 6: 169–74.
- Troughton, E. (1930) The striped possums of Australia and New Guinea. *Australian Museum Magazine* March: 431–34.
- Tyndale-Biscoe, C.H. (1955) Observations on the reproduction and ecology of the brush-tail possum *Trichosurus vulpecula* Kerr (Marsupialia) in New Zealand. *Australian Journal of Zoology* 3: 162–84.
- Tyndale-Biscoe, H. & Renfree, M. (1987) *Reproductive Physiology of Marsupials*. Cambridge University Press, Cambridge.
- Van Dyck, S. (1979) Mating and other aspects of behaviour in wild striped possums. *Victorian Naturalist* 96: 84–85.
- Van Dyck, S. (1990) Picture adjustments to the old black and white. *Wildlife Australia* Spring: 8–9.
- van Tets, I.G. & Whelan, R.J. (1997) *Banksia* pollen in the diet of Australian mammals. *Ecography* 20: 499–505.
- Vose, H. (1972) Some observations on a honey possum in captivity. *Western Australian Naturalist* 12: 61–67.

- Wakefield, N.A. (1961) Honey for phalangiers and phascogales. *Victorian Naturalist* 78: 192–99.
- Wakefield, N.A. (1963) The Australian pygmy possums. *Victorian Naturalist* 80: 99–116.
- Wakefield, N.A. (1970) Notes on the glider-possum, *Petaurus australis* (Phalangeridae, Marsupialia). *Victorian Naturalist* 87: 221–36.
- Walton, D. & Richardson, B.J. (Eds) (1989) *Fauna of Australia*. Vol. 1B. Australian Government Publishing Service, Canberra.
- Ward, S.J. & Renfree, M.B. (1988) Reproduction in males of the feathertail glider, *Acrobates pygmaeus* (Shaw) (Marsupialia). *Journal of Zoology* (London) 216: 241–51.
- Ward, S. (1998) Feathertail gliders. *Nature Australia Autumn*: 24–31.
- Wilkinson, H.E. (1961) The rediscovery of Leadbeater's possum, *Gymnobelideus leadbeateri* McCoy. *Victorian Naturalist* 78: 97–102.
- Williams, R. (1990) Possums and gliders. In Hand, S.J. (Ed.) *Care and Handling of Australian Native Animals*. Surrey Beatty & Sons & the Royal Zoological Society of New South Wales. Sydney, pp. 97–108.
- Wooller, R.D. & Richardson, K.C. (1992) Reduction in the numbers of young during pouch-life in a small marsupial. *Journal of Zoology* (London) 226: 445–54.
- Wooller, R.D., Richardson, K.C. & Collins, B.G. (1993) The relationship between nectar supply and the rate of capture of a nectar-dependent small marsupial *Tarsipes rostratus*. *Journal of Zoology* (London) 229: 651–58.
- Woolley, P. & Allison, A. (1982) Observations on the feeding and reproductive status of captive feather-tailed possums, *Distoechurus pennatus* (Marsupialia: Burramyidae). *Australian Mammalogy* 5: 285–87.
- Chapter 9 – Macropods**
- Aalberg, I. (1976) Hand-rearing a kangaroo. *Thylacinus* 1(1–4): 24–26.
- Alexander, R.M. & Vernon, A. (1975) The mechanics of hopping by kangaroos (Macropodidae). *Journal of Zoology* (London) 117: 265–303.
- Archer, M. & Flannery, T. (1985) *The Kangaroo*. Kevin Weldon, Sydney.
- Arnold, G.W., Steven, D.E. & Grassia, A. (1990) Associations between individuals and classes of different size in a population of western grey kangaroos, *Macropus fuliginosus*. *Australian Wildlife Research* 17: 551–62.
- Arundel, J.H., Beveridge, I. & Presidente, P.J. (1979) Parasites and pathological findings in enclosed and free-ranging populations of *Macropus rufus* (Desmarest) (Marsupialia) at Menindee, New South Wales. *Australian Wildlife Research* 6: 361–79.
- Ashman, R.M., Sheild, J. & Waring, H. (1975) Nipple reattachment by dislodged pouch young of the quokka *Setonix brachyurus*. *Journal of Reproduction and Fertility* 42: 179–81.
- Badoux, D.M. (1965) Some notes on the functional anatomy of *Macropus giganteus* with general remarks on the mechanics of bipedal leaping. *Acta Anatomica* 62: 418–33.
- Baily, P.T., Martensz, P.N. & Barker, R. (1971) The red kangaroo, *Megaleia rufa* (Desmarest), in north-western New South Wales. II. Food. *CSIRO Wildlife Research* 16: 29–39.
- Baker, M.W. deC. & Croft, D.B. (1993) Vocal communication between the mother and young of the eastern grey kangaroo, *Macropus giganteus*, and the red kangaroo, *M. rufus* (Marsupialia: Macropodidae). *Australian Journal of Zoology* 41: 257–72.
- Barker, S. (1962) Copper levels, in the milk of a marsupial. *Nature* 193: 292.
- Barker, S., Brown, G.D. & Calaby, J.H. (1963) Food regurgitation in the Macropodidae. *Australian Journal of Science* 25: 430–32.
- Barker, S. (1971) The dama wallaby *Protemnodon eugenii* in captivity. *International Zoo Yearbook* 11: 17–20.
- Barker, S., Glover, R., Jacobson, P. & Kakulas, B.A. (1974) Seasonal anaemia in the Rottneest quokka, *Setonix brachyurus* (Quoy and Gaimard) (Marsupialia: Macropodidae). *Comparative Biochemistry and Physiology Ser A* 49: 147–57.
- Baudinette, R.V. (1977) Locomotory energetics in a marsupial, *Setonix brachyurus*. *Australian Journal of Zoology* 25: 423–28.
- Bayliss, P.G. (1985) The population dynamics of red and western grey kangaroos in arid New South Wales, Australia. I. Population trends and rainfall. *Journal of Animal Ecology* 54: 111–25.
- Beek, D.M. (1955) Observations on the birth of the grey kangaroo (*Macropus ocydromus*). *Western Australian Naturalist* 5: 9.
- Begg, M., Beveridge, I., Chilton, N.B., Johnson, P.M. & O'Callaghan, M.G. (1995) Parasites of the Proserpine rock wallaby, *Petrogale persephone* (Marsupialia: Macropodidae). *Australian Mammalogy* 18: 45–53.
- Bell, H.M. (1973) The ecology of three macropod marsupial species in an area of open forest and savanna woodland in north Queensland, Australia. *Mammalia* 37: 527–44.
- Bennett, M.B. (1987) Fast locomotion of some kangaroos. *Journal of Zoology* (London) 212: 457–64.
- Bennett, A.F. (1993) Microhabitat use by the long-nosed potoroo, *Potorous tridactylus*, and other small mammals in remnant forest vegetation of south-western Victoria. *Wildlife Research* 20: 267–85.
- Bently, P.J. (1960) Evaporative water loss and temperature regulation in the marsupial *Setonix brachyurus*. *Australian Journal of Experimental Biology* 38: 301–6.
- Beveridge, I. (1986) Monotremes and marsupials parasitic diseases. In M.E. Folwer (Ed.) *Zoo and Wild Animal Medicine*. Saunders, Philadelphia, pp. 577–88.

- Beveridge, I., Presidente, P.J.A. & Speare, R. (1985) Parasites and associated pathology of the swamp wallaby, *Wallabia bicolor* (Marsupialia). *Journal of Wildlife Diseases* 21: 377–85.
- Beveridge, I., Spratt, D.M., Close, R.L., Barker, S.C. & Sharman, G.B. (1989) Helminth parasites of rock wallabies, *Petrogale* spp. (Marsupialia) from Queensland. *Australian Wildlife Research* 16: 273–87.
- Beveridge, I., Speare, R., Johnson, P.M. & Spratt, D.M. (1992) Helminth parasite communities of macropod marsupials of the genera *Hypsiprymnodon*, *Aepyprymnus*, *Thylogale*, *Onychogalea*, *Lagorchestes* and *Dendrolagus* from Queensland. *Australian Wildlife Research* 19: 359–76.
- Beveridge, I., Chilton, N.B., Johnson, P.M., Smales, L.R., Speare, R. & Spratt, D.M. (1998) Helminth parasite communities of kangaroos and wallabies (*Macropus* spp. and *Wallabia bicolor*) from north and central Queensland. *Australian Journal of Zoology* 46: 473–95.
- Bolton, B.L. & Latz, P.K. (1978) The western hare-wallaby, *Lagorchestes hirsutus* (Gould) (Macropodidae), in the Tanami Desert. *Australian Wildlife Research* 5: 285–93.
- Bolton, B.L., Newsome, A.E. & Merchant, J.C. (1985) Reproduction in the agile wallaby: opportunistic breeding in a seasonal environment. *Proceedings of the Ecological Society of Australia* 13: 73–79.
- Breeden, S. & Breeden, K. (1966) *The Life of the Kangaroo*. Angus & Robertson, Sydney.
- Brewer, C. & Dickson, J. (1987) Possible embryonic diapause in grey dorcopsis wallabies *Dorcopsis muelleri luctuosa*. *Thylacinus* 12(4): 6–7.
- Buchmann, O.L.K. & Guiler, E.R. (1974) Locomotion in the potoroo. *Journal of Mammalogy* 55: 203–6.
- Burke, K., Courtenay, J. & Needham, A. (1998) Behaviour of Gilbert's potoroo (*Potorous gilberti* Gould) in captivity. Abstract. Australian Mammal Conference.
- Carr, J. & Blanchard, R. (1939) Notes on the birth of a black-faced kangaroo. *South Australian Naturalist* 19: 15.
- Caughly, G. (1964) Social organisation and daily activity of the red kangaroo and the grey kangaroo. *Journal of Mammalogy* 45: 429–36.
- Caughly, G. (1964) Density and dispersion of two species of kangaroo in relation to habitat. *Australian Journal of Zoology* 12: 238–49.
- Caughly, G. & Kean, R.I. (1964) Sex ratios in marsupial pouch young. *Nature* 204: 491.
- Caughley, G., Shepherd, N. & Short, J. (1987) *Kangaroos – their ecology and management in the sheep rangelands of Australia*. Cambridge University Press, Cambridge.
- Christensen, P. (1980) The biology of *Bettongia penicillata* (Gray, 1837) and *Macropus eugenii* (Desmarest, 1817) in relation to fire. *Forestry Department of Western Australia Bulletin* 91: 1–90.
- Clancy, T.F. & Croft, D.B. (1991) Differences in habitat use and grouping behaviour between macropods and eutherian herbivores. *Journal of Mammalogy* 72: 441–49.
- Claridge, A.W., Tanton, M.T. & Cunningham, R.B. (1993) Hypogeal fungi in the diet of the long-nosed potoroo (*Potorous tridactylus*) in mixed-species and regrowth eucalypt forest stands in southeastern Australia. *Wildlife Research* 20: 321–37.
- Claridge, A.W. & Cork, S.J. (1994) Nutritional value of hypogeal fungal sporocarps for the long-nosed potoroo (*Potorous tridactylus*), a forest dwelling mycophagous marsupial. *Australian Journal of Zoology* 42: 701–10.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Clarke, J.L., Jones, M.E. & Jarman, P.J. (1995) Diurnal and nocturnal grouping and foraging behaviours of free-ranging eastern grey kangaroos. *Australian Journal of Zoology* 43: 519–29.
- Clark, M.J. (1966) The blastocyst of the red kangaroo, *Megaleia rufa* (Desm.) during diapause. *Australian Journal of Zoology* 14: 19–25.
- Clark, M.J. & Poole, W.E. (1967) The reproductive system and embryonic diapause in the female grey kangaroo *Macropus giganteus*. *Australian Journal of Zoology* 15: 441–59.
- Cockburn, A. (1985) *Evolutionary Ecology of Marsupials*. Cambridge University Press, Cambridge.
- Colagross, A.M.L. & Cockburn, A. (1993) Vigilance and grouping in the eastern grey kangaroo, *Macropus giganteus*. *Australian Journal of Zoology* 41: 325–34.
- Cork, S.J. & Dove, H. (1986) Milk consumption in late lactation in a marsupial, the tammar wallaby (*Macropus eugenii*). *Proceedings of the Nutrition Society of Australia* 11: 93.
- Cork, S.J. & Dove, H. (1989) Lactation in the tammar wallaby (*Macropus eugenii*). II. Intake of milk components and material allocation of energy. *Journal of Zoology* 219: 399–409.
- Coulson, G. (1993) The influence of population density and habitat on grouping in the western grey kangaroo, *Macropus fuliginosus*. *Wildlife Research* 20: 151–62.
- Croft, D.B. (1981) Behaviour of red kangaroos, *Macropus rufus* (Desmarest, 1822) in northwestern New South Wales, Australia. *Australian Mammalogy* 4: 5–58.
- Croft, D.B. (1981) Social behaviour of the euro, *Macropus robustus* (Gould), in the Australian arid zone. *Australian Wildlife Research* 8: 13–49.
- Croft, D.B. (1982) Some observations on the behaviour of the antilopine wallaroo, *Macropus antilopinus*. *Australian Mammalogy* 5: 5–13.
- Croft, D.B. (1987) Socio-ecology of the antilopine wallaroo, *Macropus antilopinus*, in the Northern Territory, with observations on sympatric *M. robustus woodwardi* and *M. agilis*. *Australian Wildlife Research* 14: 243–55.
- Crook, G. & Skipper, G. (1983) Tree-kangaroos in Australian collections. *Thylacinus* September: 5–9.
- CSIRO (Ed.) (1994) *Marsupial Reproduction – Gametes, Fertilisation, and Early Development*. Papers from a Symposium. CSIRO, Australia.

- Dawson, T.J. & Taylor, C.R. (1973) Energetic cost of locomotion in kangaroos. *Nature* 246: 313–14.
- Dawson, T.J., Robertshaw, D. & Taylor, C.R. (1974) Sweating in the kangaroo: a cooling mechanism during exercise, but not in the heat. *American Journal of Physiology* 227: 494–98.
- Dawson, T.J., Tierney, P.J. & Ellis, B.A. (1992) The diet of the bridled naitail wallaby (*Onychogalea fraenata*). II. Overlap in dietary niche breadth and plant preferences with the black-striped wallaby (*Macropus dorsalis*) and domestic cattle. *Wildlife Research* 19: 79–87.
- Dawson, T.J. (1995) *Kangaroos – Biology of the Largest Marsupials*. University of New South Wales Press, Sydney.
- Delaney, R. (1997) Population dynamics of the allied rock-wallaby *Petrogale assimilis*: implications for conservation. *Australian Mammalogy* 19: 199–207.
- Dennington, S. & Baldwin, J. (1988) Biochemical correlates of energy metabolism in muscles used to power hopping in kangaroos. *Australian Journal of Zoology* 36: 229–40.
- Dennis, A.J. (2002) The diet of the musky rat-kangaroo, *Hypsiprymnodon moschatus*, a rainforest specialist. *Wildlife Research* 29: 209–19.
- Dixon, J. (1988) Notes on the diets of three mammals presumed to be extinct: the pig-footed bandicoot, the lesser bilby and the desert rat kangaroo. *Victorian Naturalist* 105: 208–11.
- Dobbyn, A. (1997) Roo with a view. *Wildlife Australia* Spring: 27–31.
- Dove, H., Cork, S.J. & Christian, K.R. (1987) Defining the pattern of milk intake in a marsupial herbivore. In M. Rose (Ed.) *Herbivore Nutrition Research*. Australian Society for Animal Production, Brisbane, pp. 102–3.
- Dove, H. & Cork, S.J. (1989) Lactation in the tammar wallaby (*Macropus eugenii*). II. Milk consumption in and the algebraic description of the lactation curve. *Journal of Zoology* 219: 385–97.
- Dunn, R.W. (1972) Notes on macropods at Melbourne Zoo. *International Zoo Yearbook* 12: 168–69.
- Dunnet, G.M. (1956) A population study of the quokka, *Setonix brachyurus* (Quoy & Gaimard) (Marsupialia). I. Techniques for trapping and marking. *CSIRO Wildlife Research* 1: 73–78.
- Dunnet, G.M. (1962) A population study of the quokka, *Setonix brachyurus* (Quoy & Gaimard) (Marsupialia). II. Habitat, movements, breeding and growth. *CSIRO Wildlife Research* 7: 13–32.
- Dwyer, P.D. (1972) Social organisation of a population of rock-wallabies, *Petrogale inornata*. *Australian Mammalogy* 1: 72.
- Ealey, E.M.H. & Dunnett, G.M. (1956) Plastic collars with patterns of reflective tape for marking nocturnal mammals. *CSIRO Wildlife Research* 1: 59–62.
- Ealey, E.M.H. (1967) Ecology of the euro, *Macropus robustus* (Gould), in north-western Australia. II. Behaviour, movements and drinking patterns. *CSIRO Wildlife Research* 12: 27–51.
- Ealey, E.M.H. & Main, A.R. (1967) Ecology of the euro, *Macropus robustus* (Gould), in north-western Australia. III. Seasonal changes in nutrition. *CSIRO Wildlife Research* 12: 53–65.
- Edwards, G.P. & Ealey, E.H.M. (1975) Aspects of the ecology of the swamp wallaby *Wallabia bicolor* (Marsupialia: Macropodidae). *Australian Mammalogy* 1: 307–17.
- Eldridge, M.D.B., Hall, G.P. & Ferris, J. (1997) Rock Wallaby Symposium. Special Issue. *Australian Mammalogy* 19: 110–339.
- Ellis, B.A., Tierney, P.J. & Dawson, T.J. (1992) The diet of the bridled naitail wallaby (*Onychogalea fraenata*). I. Variation with site and seasonal conditions and levels of overlap with the black-striped wallaby (*Macropus dorsalis*) and domestic cattle. *Wildlife Research* 19: 65–78.
- Evans, M.C. & Jarman, P.J. (1999) Diets and feeding selectivity of bridled naitail wallabies and black-striped wallabies. *Wildlife Research* 26: 1–19.
- Finlayson, H.H. (1927) Observations on the South Australian members of the subgenus *Wallabia*. I. *Transactions of the Royal Society of South Australia* 51: 363–77.
- Finlayson, H.H. (1930) Observations on the South Australian species of the subgenus *Wallabia*. Part II. *Transactions of the Royal Society of South Australia* 54: 177.
- Finlayson, H.H. (1932) Vocal powers of kangaroos. *Nature* 129: 131.
- Finlayson, H.H. (1932) *Caloprymnus campestris*. Its recurrence and characters. *Transactions of the Royal Society of South Australia* 56: 148–67.
- Finlayson, H.H. (1943) *The Red Centre: Man and Beast in the Heart of Australia*. Angus & Robertson, Sydney. 56: 148–67.
- Finlayson, H.H. (1958) On central Australian mammals. Part III. The Potoroinae. *Records of the South Australian Museum* 13: 235–302.
- Finnie, E.P. (1976) Husbandry and diseases of orphaned pouch-young marsupials. *Australian Veterinary Practice* 6: 19–28.
- Flannery, T.F., Martin, R. & Szalay, A. (1996) *Tree Kangaroos – A Curious Natural History*. Reed Books, Melbourne.
- Flynn, T.T. (1930) The uterine cycle of pregnancy and pseudopregnancy as it is in the diprotodont marsupial *Bettongia cuniculus*. *Proceedings of the Linnean Society of NSW* 55: 506–31.
- Fowler, M.E. (1978) *Restraint and Handling of Wild and Domestic Animals*. Iowa State University Press, Ames.
- Frith, H.J. & Calaby, J.H. (1969) *Kangaroos*. F.W. Cheshire, Melbourne.
- Gasking, W.R. (1966) A further note on breeding kangaroos and wallabies in captivity. *International Zoo Yearbook* 6: 140–41.
- George, G.G. & Schurer, U. (1978) Some notes on macropods commonly mis-identified in zoos. *International Zoo Yearbook* 18: 152–6.
- Gibb, D.G.A., Kakulas, B.A., Perret, D.H. & Jenkyn, D.J. (1966) Toxoplasmosis in the Rottneest Quokka (*Setonix*

- brachyurus*). *Australian Journal of Experimental and Biological Medical Science* 44: 665–72.
- Gibson, L.M. & Young, M.D. (1987) *Kangaroos: Counting the Cost – The Economic effects of kangaroos and kangaroo culling on agricultural production*. Project Report No. 4, Report to Australian National Parks and Wildlife Service November 1987, CSIRO Division of Wildlife and Rangelands Research, Deniliquin.
- Gilruth, J.A. & Bull, L.B. (1912) Enteritis associated with infestation of the intestinal wall by cyst-forming native animals (wallaby, kangaroo and wombat). *Proceedings of the Royal Society of Victoria* 24: 432–50.
- Goonan, P. & Arlidge, J. (1992) Observations on the birth of a Matschie's tree-kangaroo (*Dendrolagus matschiei*) in captivity. *Australian Mammalogy* 15: 113–14.
- Gordon, G., McGreevy, D.G. & Lawrie, B.C. (1978) The yellow-footed rock-wallaby, (*Petrogale xanthopus*) Gray (Macropodidae) in Queensland. *Australian Wildlife Research* 5: 295–97.
- Gordon, G. & Lawrie, B.C. (1980) The rediscovery of the bridled nailtail wallaby, *Onychogalea fraenata* (Gould) (Marsupialia: Macropodidae), in Queensland. *Australian Wildlife Research* 7: 339–45.
- Grant, T.R. (1973) Dominance and association among members of a captive and a free-ranging group of grey kangaroos (*Macropus giganteus*). *Animal Behaviour* 21: 449–56.
- Grant, T.R. (1974) Observations of enclosed and free-ranging grey kangaroos, *Macropus giganteus*. *Zeitschrift für Säugetierkunde* 39: 65–78.
- Green, B., Griffiths, M. & Leckie, R.M. (1983) Qualitative and quantitative changes in milk fat during lactation in the tammar wallaby (*Macropus eugenii*). *Australian Journal of Biological Sciences* 36: 455–61.
- Green, B. & Merchant, J. (1988) The composition of marsupial milk. In C.H. Tyndale-Biscoe & P.A. Janssens (Eds) *The Developing Marsupial*. Springer, Berlin, pp. 41–54.
- Green, B., Merchant, J. & Newgrain, K. (1988) Milk consumption and energetics of growth in pouch young of the tammar wallaby, *Macropus eugenii*. *Australian Journal of Zoology* 36: 217–27.
- Green, K., Mitchell, A.T., Tennant, P. & May, T.W. (1998) Home range and microhabitat use by the long-footed potoroo, *Potorous longipes*. *Wildlife Research* 25: 357–72.
- Griffiths, M., McIntosh, D.L. & Leckie, R.M.C. (1972) The mammary glands of the red kangaroo with observations on the fatty acid components of the milk triglycerides. *Journal of Zoology* (London) 166: 265–75.
- Grigg, G., Jarman, P. & Hume, I. (Eds) (1989) *Kangaroos, Wallabies and Rat Kangaroos*. Surrey Beatty & Sons, Sydney.
- Groves, J.A.M., Hope, R.M. & Cooper, D.W. (Eds) (1990) *Mammals from Pouches and Eggs: Genetics, Breeding and Evolution of Marsupials and Monotremes*. CSIRO, Melbourne.
- Guiler, E.R. (1957) Longevity in the wild potoroo, *Potorous tridactylus* (Kerr). *Australian Journal of Science* 20: 26.
- Guiler, E.R. (1958) Observations on a population of small marsupials in Tasmania. *Journal of Mammalogy* 39: 44–58.
- Guiler, E.R. (1960) The breeding season of *Potorous tridactylus*. *Australian Journal of Science* 23: 126–27.
- Guiler, E.R. (1971) Food of the potoroo (Marsupialia, Macropodidae). *Journal of Mammalogy* 52: 232–34.
- Halford, D.A., Bell, D.T. & Lonergan, W.A. (1984) Diet of the western grey kangaroo (*Macropus fuliginosus* Desm.) in a mixed pasture-woodland habitat in Western Australia. *Journal of the Royal Society of Western Australia* 66: 119–28.
- Hawkins, M.R. (1998) Effects of olfactory enrichment on Australian marsupial species. In *Proceedings of the Third International Conference on Behavioural Enrichment*. Sea World Orlando Florida. 12–17 October 1997. Shape of Enrichment Inc., San Diego, California, pp. 135–49.
- Hearn, J.P. (1975) Effect of advanced photoperiod on termination of embryonic diapause in the marsupial *Macropus eugenii* (Macropodidae). *Australian Mammalogy* 1: 40–42.
- Heathcote, C.F. (1987) Grouping of eastern grey kangaroos in open habitat. *Australian Wildlife Research* 14: 343–48.
- Higginbottom, K. (1989) Macropod studies at wallaby Creek. VII. Capture of wild red-necked wallabies by 'blow darting'. *Australian Wildlife Research* 16: 173–78.
- Hoolihan, D.W. & Goldizen, A.W. (1998) The group dynamics of the black-striped wallaby. *Wildlife Research* 25: 467–73.
- Hooper, P. (1999) Kangaroo blindness and some other new viral diseases in Australia. *Australian Veterinary Journal* 77: 514–15.
- Hopwood, P.R. & Butterfield, R.M. (1990) The locomotor apparatus of the crus and pes of the eastern grey kangaroo, *Macropus giganteus*. *Australian Journal of Zoology* 38: 397–413.
- Horsup, A. & Marsh, H. (1992) The diet of the allied rock-wallaby, *Petrogale assimilis*, in the wet-dry tropics of North Queensland. *Australian Wildlife Research* 19: 17–33.
- Horton, D.R. & Murray, P. (1980) The extinct toolache wallaby (*Macropus greyi*) from a spring mound in north-western Tasmania. *Records of the Queen Victoria Museum Launceston* 71: 1–12.
- Hughes, R.D. (1965) On the age composition of a small sample of individuals from a population of the banded hare-wallaby, *Lagostrophus fasciatus* (Peron and Lesuer). *Australian Journal of Zoology* 13: 75–95.
- Hume, I.D., Jarman, P.J., Renfree, M.B. & Temple-Smith, P.D. (1989) Macropodidae. In D. Walton & B.J. Richardson (Eds) *Fauna of Australia. Vol. B*. Australian Government Publishing Service, Canberra, pp. 679–715.
- Jaremovic, R.V. & Croft, D.B. (1991) Social organisation of the eastern grey kangaroo (Macropodidae: Marsupialia) in southeastern New South Wales. I. Groups and group home ranges. *Mammalia* 55: 169–85.
- Jarman, P.J. & Southwell, C.J. (1986) Groupings, associations and reproductive strategies in eastern grey kangaroos. In D.I. Rubenstein & R.W. Wrangham (Eds) *Ecological Aspects*

- of *Social Evolution*. Princeton University Press, Princeton, pp. 399–428.
- Jarman, P.J. (1987) Group size and activity in eastern grey kangaroos. *Animal Behaviour* 35: 1044–50.
- Jarman, P.J., Phillips, C.M. & Rabbidge, J.J. (1991) Diets of black-striped wallabies in New South Wales. *Wildlife Research* 18: 403–12.
- Jarman, P.J. (1991) Social behaviour and organisation in the Macropodoidea. *Advances in the Study of Behaviour* 20: 1–50.
- Jarman, P.J. (1994) Individual behaviour and social organisation of kangaroos. In P.J. Jarman & A. Rossiter (Eds) *Animal Societies: Individuals, Interactions and Organisations*. Kyoto University Press, Kyoto, pp. 70–85.
- Johnson, C.N. & Bayliss, P.G. (1981) Habitat selection by sex, age and reproductive class in the red kangaroo, *Macropus rufus*, in western New South Wales. *Australian Wildlife Research* 8: 465–74.
- Johnson, C.N. (1983) Variations in group size and composition in red and western grey kangaroos, *Macropus rufus* (Desmarest) and *M. fuliginosus* (Desmarest). *Australian Wildlife Research* 10: 25–31.
- Johnson, C.N. (1987) Relationships between mother and infant red-necked wallabies (*Macropus rufogriseus banksianus*). *Ethology* 74: 1–20.
- Johnson, C.N. (1989) Grouping and the structure of association in the red-necked wallaby. *Journal of Mammalogy* 70: 18–26.
- Johnson, C.N. (1989) Social interactions and reproductive tactics in red-necked wallabies (*Macropus rufogriseus banksianus*). *Journal of Zoology* (London) 217: 267–80.
- Johnson, C.N. (1994) Nutritional ecology of a mycophagous marsupial in relation to production of hypogeous fungi. *Ecology* 75: 2015–21.
- Johnson, P.M. (1978) Husbandry of the rufous rat-kangaroo *Aepyprymnus rufescens* and brushtailed rock-wallaby *Petrogale penicillata* in captivity. *International Zoo Yearbook* 18: 156–57.
- Johnson, P.M. (1980) Field observations of group composition in the agile wallaby, *Macropus agilis* (Gould) (Marsupialia: Macropodidae). *Australian Wildlife Research* 7: 327–31.
- Johnson, P.M. & Haffenden, A.T. (1980) Husbandry of the spectacled hare-wallaby *Lagorchestes conspicillatus* in captivity. *International Zoo Yearbook* 20: 253–54.
- Johnson, P.M., Speare, R. & Beveridge, I. (1998) Mortality in wild and captive rock-wallabies and nailtail wallabies due to hyatid disease caused by *Echinococcus granulosus*. *Australian Mammalogy* 419–23.
- Kakulas, B.A. (1961) Myopathy affecting the Rottneest quokka (*Setonix brachyurus*) reversed by  $\alpha$ -tocopherol. *Nature* 191: 402–3.
- Kaufmann, J.H. (1974) The ecology and evolution of social organisation in the kangaroo family (Macropodidae). *American Zoologist* 14: 51–62.
- Kaufmann, J.H. (1974) Social ethology of the whip-tail wallaby, *Macropus parryi*, in north eastern New South Wales. *Animal Behaviour* 22: 281–369.
- Kaufmann, J.H. (1975) Field observations of the social behaviour of the eastern grey kangaroo, *Macropus giganteus*. *Animal Behaviour* 23: 214–21.
- Kawata, K. (1971) A note on the function of the tail in the Macropodinae. *International Zoo Yearbook* 11: 23.
- Keep, J.M. (1973) Notes on the field capture of the agile wallaby. *Australian Veterinary Journal* 49: 385–87.
- Kirkpatrick, T.H. (1965) Studies of Macropodidae in Queensland. 1. Food preferences of the grey kangaroo (*Macropus major* Shaw). *Queensland Journal of Agricultural and Animal Science* 22: 89–93.
- Kirkpatrick, T.H. (1966) Studies of Macropodidae in Queensland. 4. Social organisation of the grey kangaroo (*Macropus giganteus*). *Queensland Journal of Animal Science* 23: 317–22.
- Kirkpatrick, T.H. & McEvoy, J.S. (1966) Studies of Macropodidae in Queensland. 5. Effects of drought on reproduction in the grey kangaroo (*Macropus giganteus*). *Queensland Journal of Animal Science* 23: 439–42.
- Kirkpatrick, T.H. (1968) Studies on the wallaroo. *Queensland Agricultural Journal* 94: 362–65.
- Kirkpatrick, T.H. (1978) The development of the dentition of *Macropus giganteus* (Shaw): an attempt to interpret the marsupial dentition. *Australian Mammalogy* 2: 29–35.
- Kitchener, D.J. (1981) Factors affecting selection of shelter by individual quokkas, *Setonix brachyurus* (Marsupialia), during hot summer days on Rottneest Island. *Australian Journal of Zoology* 29: 875–84.
- Knobbe, C.M., Read, B.R., Houston, E.W. & Junge, R.E. (1992) Captive management of red kangaroo *Macropus rufus* at the St Louis Zoological Park. *International Zoo Yearbook* 31: 153–56.
- La Follette, R.M. (1971) Agonistic behaviour and dominance in confined wallabies, *Wallabia rufogrisea fruticosa*. *Animal Behaviour* 19: 93–101.
- Lapidge, S.J. (2000) Dietary adaptation of reintroduced yellow-footed rock-wallabies, *Petrogale xanthopus* (Marsupialia: Macropodidae), in the northern Flinders Ranges, South Australia. *Wildlife Research* 27: 195–201.
- Lavery, H., Ono, Y. & Ryu, Y. (1993) Exhibiting the yellow-footed rock-wallaby *Petrogale xanthopus* at Kitakyushu Municipal Hibiki Dobutsu World. *International Zoo Yearbook* 32: 212–16.
- Laws, R.M. (1952) A new method of age determination for mammals. *Nature* 169: 972–73.
- Lentle, R.G., Stafford, K.J. Potter, M.A., Springgett, B.P. & Haslett, S. (1998) Incisor and molar wear in the tammar wallaby (*Macropus eugenii* Desmarest). *Australian Journal of Zoology* 46: 509–27.

- Lim, T.L. (1988) Ecology and management of the rare yellow-footed rock wallaby, *Petrogale xanthopus*, Gray 1854 (Macropodidae). *Australian Journal of Ecology* 13: 347–49.
- Lundie-Jenkins, G. (1993) Ecology of the rufous hare-wallaby, *Lagorchestes hirsutus* Gould (Marsupialia: Macropodidae) in the Tanami Desert, N.T. I. Patterns of habitat use. *Wildlife Research* 20: 457–76.
- Lundie-Jenkins, G. (1993) Ecology of the rufous hare-wallaby, *Lagorchestes hirsutus* Gould (Marsupialia: Macropodidae) in the Tanami Desert, N.T. II. Diet and feeding strategy. *Wildlife Research* 20: 477–94.
- Lunney, D. & O'Connell, M. (1988) Habitat selection by the swamp wallaby, *Wallabia bicolor*, the red necked wallaby, *Macropus rufogriseus*, and the common wombat, *Vombatus ursinus*, in logged, burnt forest near Bega, New South Wales. *Australian Wildlife Research* 15: 695–706.
- McArthur, C. & Sanson, G.D. (1988) Tooth wear in eastern grey kangaroos (*Macropus giganteus*) and western grey kangaroos (*Macropus fuliginosus*), and its potential influences on diet selection, digestion and population parameters. *Journal of Zoology* (London) 215: 491–504.
- McColl, K.A. & Wilks, C.R. (1982) Immune status of orphaned, pouch-young macropods. In D.D. Evans (Ed.) *The Management of Australian Mammals in Captivity*. Zoological Board of Victoria, Melbourne, pp. 125–28.
- McLean, I.G. (1993) Copulation and associated behaviour in the rufous hare-wallaby, *Lagorchestes hirsutus*. *Australian Mammalogy* 16: 77–79.
- McLean, I.G. & Schmitt, N.T. (1999) Copulation and associated behaviour in the quokka, *Setonix brachyurus*. *Australian Mammalogy* 21: 139–42.
- Maynes, G. (1974) Occurrence and field recognition of *Macropus parma*. *Australian Zoologist* 18: 72–87.
- Maynes, G.M. (1975) Breeding the parma wallaby in captivity. In R.D. Martin (Ed.) *Breeding Endangered Species in Captivity*. Academic Press, London, pp. 167–70.
- Maynes, G.M. (1977) Distribution and aspects of the biology of the parma wallaby *Macropus parma* in New South Wales. *Australian Wildlife Research* 4: 109–25.
- Messer, M. & Mossop, G.S. (1977) Milk carbohydrates of marsupials. I. Partial separation and characterisation of neutral milk oligosaccharides of the eastern grey kangaroo. *Australian Journal of Biological Sciences* 30: 379–88.
- Messer, M., Griffiths, M. & Green, B. (1994) Changes in milk carbohydrates and electrolytes during early lactation in the tammar wallaby, *Macropus eugenii*. *Australian Journal of Biological Sciences* 37: 1–6.
- Miller, A. (1998) Yellow-footed rock wallaby (*Petrogale xanthopus xanthopus*). North American Studbook. Roger Williams Park Zoo.
- Miller, W.A. & Beighton, D. (1979) Bone abnormalities in two groups of macropod skulls: a clue to the origin of lumpy jaw. *Australian Journal of Zoology* 27: 681–89.
- Mollison, B.C. (1960) Food regurgitation in Bennett's wallaby, *Protemnodon rufogrisea* (Desmarest), and the scrub wallaby, *Thylogale billardieri* (Desmarest). *CSIRO Wildlife Research* 5: 87–88.
- Morris, P. (1972) A review of mammalian age determination methods. *Mammal Review* 2: 69–104.
- Moss, G.L. & Croft, D.B. (1999) Body composition of the red kangaroo (*Macropus rufus*) in arid Australia: The effect of environmental condition, sex and reproduction. *Australian Journal of Ecology* 24: 97–109.
- Muths, E. (1996) Milk composition in a field population of red kangaroos, *Macropus rufus* (Desmarest) (Macropodidae: Marsupialia). *Australian Journal of Zoology* 44: 165–75.
- Nakazato, R., Nakayama, T. & Nakagawa, S. (1971) Hand rearing agile wallabies *Protemnodon agilis* at Ueno Zoo, Tokyo. *International Zoo Yearbook* 11: 13–16.
- Needham, A.D., Dawson, T.J. & Hales, J.R.S. (1974) Fore-limb blood flow and saliva spreading in the thermoregulation of the red kangaroo (*Megaleia rufa*). *Comparative Biochemistry and Physiology* 49A: 555–65.
- Newsome, A.E. (1964) Anoestrous in the red kangaroo *Megaleia rufa* (Desmarest). *Australian Journal of Zoology* 12: 9–17.
- Newsome, A.E. (1964) Oestrous in the lactating red kangaroo, *Megaleia rufa* (Desmarest). *Australian Journal of Zoology* 12: 315–21.
- Newsome, A.E. (1966) The influence of food on breeding in the red kangaroo in central Australia. *CSIRO Wildlife Research* 11: 187–96.
- Newsome, A.E. (1971) The ecology of red kangaroos. *Australian Zoologist* 16: 32–50.
- Newsome, A.E. (1973) Cellular degeneration in the testis of red kangaroos during hot weather and drought in central Australia. *Journal of Reproduction and Fertility* 19: 191–201.
- Newsome, A.E. (1977) The ages of non-breeding red kangaroos. *Australian Wildlife Research* 4: 7–11.
- Nicholls, D.G. (1971) Daily and seasonal movements of the quokka, *Setonix brachyurus*, (Marsupialia), on Rottnest Island. *Australian Journal of Zoology* 19: 215–26.
- Norbury, G.L., Coulson, G.M. & Walters, B.L. (1988) Aspects of the demography of the western grey kangaroo, *Macropus fuliginosus melanops*, in semiarid north-west Victoria. *Australian Wildlife Research* 15: 257–66.
- Obendorf, D.L. & Munday, B.L. (1983) Toxoplasmosis in wild Tasmanian wallabies. *Australian Veterinary Journal* 60: 62.
- Oglesby, R. (1977) Hand-rearing macropods. *Thylacinus* 2(1–4): 12–14.
- Oglesby, R. (1979) Nutrition of captive marsupials. *Thylacinus* 4(1–4): 17–23.
- Olds, T.J. & Collins, L.R. (1973) Breeding Matschie's tree kangaroo *Dendrolagus matschiei* in captivity. *International Zoo Yearbook* 13: 123–25.
- Osawa, R. (1990) Feeding strategies of the swamp wallaby, *Wallabia bicolor*, on North Stradbroke Island, Queensland. I. Composition of diets. *Australian Wildlife Research* 17: 615–21.

- Parker, S.A. (1971) Notes on the black wallaroo, *Macropus bernardus* (Rothschild, 1904) of Arnhem Land. *Victorian Naturalist* 88: 41–43.
- Pearse, R.J. (1981) Notes on breeding, growth and longevity of the forester or eastern grey kangaroo, *Macropus giganteus* Shaw, in Tasmania. *Australian Wildlife Research* 8: 229–35.
- Pearson, D.J. (1989) The diet of the rufous hare-wallaby (Marsupialia: Macropodidae) in the Tanami Desert. *Australian Wildlife Research* 16: 527–35.
- Pennycuik, C.J. (1978) Identification using natural markings. In B. Stonehouse (Ed.) *Animal Marking*. Macmillan, London, pp. 147–59.
- Perry, J.S. Heap, R.B., Burton, R.D. & Gadsby, J.E. (1976) Endocrinology of the blastocyst and its role in the establishment of pregnancy. *Journal of Reproduction and Fertility Supplement* 25: 85–104.
- Pilton, P.E. (1961) Reproduction in the great grey kangaroo. *Nature* 189: 984–86.
- Poole, W.E. & Pilton, P.E. (1964) Reproduction in the grey kangaroo, *Macropus kanguru*, in captivity. *CSIRO Wildlife Research* 9: 218–34.
- Poole, W.E. (1983) Breeding in the grey kangaroo, *Macropus giganteus*, from widespread locations in eastern Australia. *Australian Wildlife Research* 10: 453–66.
- Poole, W.E., Carpenter, S.M. & Wood, J.T. (1984) Growth of grey kangaroos and the reliability of age determination from body measurements. III. Interspecific comparisons between eastern and western grey kangaroos, *Macropus giganteus* and *M. fuliginosus*. *Australian Wildlife Research* 11: 11–19.
- Poole, W.E. & Merchant, J.C. (1987) Reproduction in captive wallaroos: the eastern wallaroo, *Macropus robustus robustus*, the euro *M. r. erebescens* and the antilopine wallaroo, *M. antilopinus*. *Australian Wildlife Research* 14: 225–42.
- Poole, W.E., Wood, J.T. & Simmons, N.G. (1991) Distribution of the tammar, *Macropus eugenii*, as determined by cranial morphometrics. *Wildlife Research* 18: 625–39.
- Presidente, P.J.A. & Beveridge, I. (1978) Cholangitis associated with species of *Progamotaenia* (Cestoda: Anoplcephalidae) in the bile ducts of marsupials. *Journal of Wildlife Diseases* 14: 371–77.
- Pridell, D. (1986) The diurnal and seasonal patterns of grazing of the red kangaroo, *Macropus rufus*, and the western grey kangaroo, *M. fuliginosus*. *Australian Wildlife Research* 13: 113–20.
- Proctor-Grey, E. (1984) Dietary ecology of the coppery brushtail possum, green ringtail possum and Lumholtz's tree kangaroo. In A.P. Smith and I.D. Hume (Eds) *Possums and Gliders*. Australian Mammal Society, Sydney, pp. 129–35.
- Renfree, M.B. (1981) Embryonic diapause in marsupials. *Journal of Reproduction and Fertility Supplement* 29: 67–78.
- Richards, J.D., Short, J., Prince, R.I.T., Friend, J.A. & McCourtney, J.M. (2001) The biology of banded (*Lagostrophus fasciatus*) and rufous (*Lagorchestes hirsutus*) hare-wallabies (Diprotodontia: Macropodidae) on Dorre and Bernier Islands, Western Australia. *Wildlife Research* 28: 311–22.
- Richardson, B.J. (1975) r and K selection in kangaroos. *Nature* 255: 323–24.
- Richardson, K.C. & Cullen, L.K. (1984) Physical and chemical restraint of small macropods. *International Zoo Yearbook* 23: 215–18.
- Ride, W.D. & Tyndale-Biscoe, C.H. (1962) 'Mammals'. Fisheries Dept. Western Australia. *Fauna Bulletin* 2: 54–97.
- Robertson, G.G. (1986) The mortality of kangaroos in drought. *Australian Wildlife Research* 13: 349–54.
- Rose, R.W. (1986) The control of pouch vacation in the Tasmanian bettong (*Bettongia gaimardi*). *Australian Journal of Zoology* 34: 485–91.
- Rose, R.W. (1986) The habitat, distribution and conservation status of the Tasmanian bettong *Bettongia gaimardi* (Desmarest). *Australian Wildlife Research* 13: 1–6.
- Rose, R.W. (1987) Reproductive energetics of two Tasmanian rat-kangaroos (Potoroinae: Marsupialia). *Symposia of the Zoological Society of London* 57: 149–65.
- Rose, R.W. & Rose, R.K. (1998) *Bettongia gaimardi*. *Mammalian Species* 584: 1–6.
- Rothschild, L. & Dollman, G. (1936) The genus *Dendrolagus*. *Transactions of the Zoological Society of London* 21: 477–548.
- Rudd, C.D. (1994) Sexual behaviour of male and female tammar wallabies (*Macropus eugenii*) at post-partum oestrous. *Journal of Zoology* (London) 232: 151–62.
- Russell, E.M. (1969) Summer and winter observations of the behaviour of the euro *Macropus robustus* (Gould). *Australian Journal of Zoology* 17: 655–64.
- Russell, E.M. (1970) Observations on the behaviour of the red kangaroo (*Megaleia rufa*) in captivity. *Zeitschrift für Tierpsychologie* 27: 385–404.
- Russell, E.M. (1970) Agonistic interactions in the red kangaroo (*Megaleia rufa*). *Journal of Mammalogy* 51: 80–88.
- Russell, E.M. & Richardson, B.J. (1971) Some observations on the breeding, age structure, dispersion and habitat of populations of *Macropus robustus* and *Macropus antilopinus* (Marsupialia). *Journal of Zoology* (London) 165: 131–42.
- Russell, E.M. (1971) Changes in behaviour with temperature in the red kangaroo, *Megaleia rufa*. *Australian Journal of Zoology* 19: 207–13.
- Russell, E.M. (1973) Mother-young relations and early behavioural development in the marsupial, *Macropus eugenii* and *Megaleia rufa*. *Zeitschrift für Tierpsychologie* 33: 163–203.
- Russell, E.M. (1974) The biology of kangaroos. *Mammal Review* 4: 1–59.
- Russell, E.M. & Nicholls, D.G. (1974) Distress vocalisations of young of the red kangaroo, *Megaleia rufa* (Marsupialia: Macropodidae). *Australian Mammalogy* 1: 251–54.
- Russell, E.M. & Giles, C.R. (1974) The effects of the young in the pouch on pouch cleaning in the tammar wallaby, *Macropus eugenii* Desmarest (Marsupialia). *Behaviour* 51: 19–37.

- Russell, E.M. (1979) The size and composition of the groups in the red kangaroo, *Macropus rufus*. *Australian Wildlife Research* 6: 237–44.
- Russell, E.M. (1984) Social behaviour and organisation of marsupials. *Mammal Review* 14: 101–54.
- Sadleir, R.M. & Sheild, J.W. (1960) Delayed birth in a hill-kangaroo, the euro (*Macropus robustus*). *Proceedings of the Zoological Society of London* 135: 642–43.
- Sadleir, R.M. & Sheild, J.W. (1960) Delayed birth in marsupial macropods – the euro, the tammar and the marloo. *Nature* 185: 335.
- Sadleir, R.M. (1965) Reproduction in two species of kangaroo, *Macropus robustus* and *Megaleia rufa* in the arid Pilbara region of Western Australia. *Proceedings of the Zoological Society of London* 145: 239–61.
- Sadowiak, M. (1971) Red-necked wallabies *Protemnodon rufogrisea* at Lodz Zoo. *International Zoo Yearbook* 11: 22.
- Sanson, G.D. (1980) The morphology and occlusions of the molariform cheek teeth in some Macropodinae (Marsupialia: Macropodidae). *Australian Journal of Zoology* 28: 341–65.
- Sanson, G.D. (1982) Predicting the diet of fossil mammals. In P.V. Rich & E.M. Thompson (Eds) *The Fossil Vertebrate Record of Australasia*. Monash University, Melbourne, pp. 201–28.
- Seebeck, J.H. & Rose, R.W. (1989) Potoroidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia*. 1B. Mammalia. Australian Government Publishing Service, Canberra, pp. 716–39.
- Serena, M., Bell, L. & Booth, R.J. (1996) Reproductive behaviour of the long-footed potoroo (*Potorous longipes*) in captivity, with an estimate of gestation length. *Australian Mammalogy* 19: 57–61.
- Sharman, G.B. (1954) The relationships of the quokka (*Setonix brachyurus*). *Western Australian Naturalist* 4: 159–68.
- Sharman, G.B. (1955) Studies on marsupial reproduction. IV. Delayed birth in *Protemnodon eugenii* Desmarest. *Australian Journal of Zoology* 3: 156–61.
- Sharman, G.B., Calaby, J.H. & Poole, W.E. (1966) Breeding kangaroos and wallabies in captivity – comments on an article in Volume 5 of the Yearbook. *International Zoo Yearbook* 6: 138–40.
- Sharman, G.B. & Berger, P.J. (1969) Embryonic diapause in marsupials. *Advances in Reproductive Physiology* 4: 211–40.
- Sharp, A. (1997) The use of shelter sites by yellow-footed rock-wallabies, *Petrogale xanthopus*, in central-western Queensland. *Australian Mammalogy* 19: 239–44.
- Sheild, J. & Woolley, P. (1963) Population aspects of delayed birth in the quokka (*Setonix brachyurus*). *Proceedings of the Zoological Society of London* 141: 783–90.
- Shield, J. (1965) A breeding season difference in two populations of the Australian macropod marsupial (*Setonix brachyurus*). *Journal of Mammalogy* 45: 616–25.
- Shepherd, N.C. (1981) Capture myopathy in the red kangaroo (*Macropus rufus*). In M.E. Fowler (Ed.) *Wildlife Diseases of the Pacific Basin and Other Countries. Proceedings of the 4th International Conference of the Wildlife Disease Association*, Sydney, pp. 239–47.
- Shepherd, N.C., Hopwood, P.R. & Dostine, P.L. (1988) Capture myopathy: two techniques for estimating its prevalence and severity in red kangaroos, *Macropus rufus*. *Australian Wildlife Research* 15: 83–90.
- Short, J. (1989) The diet of the brush-tailed rock-wallaby in New South Wales. *Australian Wildlife Research* 16: 11–18.
- Slater, G. (1987) The long-footed potoroo – a new species in captivity. *Thylacinus* 12(1): 24–28.
- Smith, M.J., Hayman, D.L. & Hope, R.M. (1979) Observations on the chromosomes and reproductive systems of four Macropodinae interspecific hybrids (Marsupialia: Macropodidae). *Australian Journal of Zoology* 27: 959–72.
- Southwell, C.J. (1984) Variability in grouping in the eastern grey kangaroo, *Macropus giganteus*. I. Group density and group size. *Australian Wildlife Research* 11: 423–35.
- Southwell, C.J. (1984) Variability in grouping in the eastern grey kangaroo, *Macropus giganteus*. II. Dynamics of group formation. *Australian Wildlife Research* 11: 437–49.
- Southwell, C.J. & Fletcher, M.S. (1988) Diurnal and nocturnal habitat utilisation by the whiptail wallaby, *Macropus parryi*. *Australian Wildlife Research* 15: 595–603.
- Speare, R., Beveridge, I., Johnson, P.M. & Corner, L.A. (1983) Parasites of the agile wallaby *Macropus agilis* (Marsupialia). *Australian Wildlife Research* 10: 89–96.
- Statham, M. (1994) Electric fencing for the control of wallaby movement. *Wildlife Research* 21: 697–707.
- Stevens, C. (1981) The husbandry of quokkas (*Setonix brachyurus*) at The Royal Melbourne Zoo. *Thylacinus* 6(2): 21–26.
- Stewart, E.C.F. & Setchell, P.J. (1974) Seismic recording of kangaroo activity. *Search* 5: 107–8.
- Stirrat, S.R. (1997) Behavioural responses of agile wallabies (*Macropus agilis*) to darting and immobilisation with tiletamine hydrochloride and zolazepam hydrochloride. *Wildlife Research* 24: 89–95.
- Storr, G.M. (1964) Studies on marsupial nutrition. IV. Diet of the quokka, *Setonix brachyurus* (Quoy & Gaimard), on Rottnest island, Western Australia. *Australian Journal of Biological Sciences* 17: 469–81.
- Storr, G.M. (1968) Diet of kangaroos (*Megaleia rufa* and *Macropus robustus*) and merino sheep near Port Hedland, Western Australia. *Journal of the Royal society of Western Australia* 51: 25–32.
- Taylor, R.J. (1982) Group size in the eastern grey kangaroo, *Macropus giganteus*, and the wallaroo, *Macropus robustus*. *Australian Wildlife Research* 9: 229–37.
- Taylor, R.J. (1983) Association of social classes of the wallaroo, *Macropus robustus* (Marsupialia: Macropodidae). *Australian Wildlife Research* 10: 39–45.
- Taylor, R.J. (1983) The diet of the eastern grey kangaroo and wallaroo in areas of improved and native pasture in the New England Tablelands. *Australian Wildlife Research* 10: 203–11.

- Taylor, R.J. (1992) Seasonal changes in the diet of the Tasmanian bettong (*Bettongia gaimardi*), a mycophagous marsupial. *Journal of Mammalogy* 73: 408–14.
- Taylor, R.J. (1993) Home range, nest use and activity of the Tasmanian bettong, *Bettongia gaimardi*. *Wildlife Research* 20: 87–95.
- Taylor, R.J. (1993) Habitat requirements of the Tasmanian bettong (*Bettongia gaimardi*), a mycophagous marsupial. *Wildlife Research* 20: 699–710.
- Templeton, S. (1990) A report on a rufous hare-wallaby colony at the Territory Wildlife Park. *Thylacinus* 19–22.
- Thomas, O. (1900) Exhibition of a kangaroo from western Australia. *Proceedings of the Zoological Society of London* 1900: 113.
- Tory, M.K., May, T.W., Keane, P.J. & Bennett, A.F. (1997) Mycophagy in small mammals: A comparison of the occurrence and diversity of hypogeal fungi in the diet of the long-nosed potoroo *Potorous tridactylus* and the bush rat *Rattus fuscipes* from southwestern Victoria, Australia. *Australian Journal of Ecology* 22: 460–70.
- Tuttle, J. (1973) A simple method of hand rearing kangaroos. *International Zoo Yearbook* 13: 173–74.
- Tyndale-Biscoe, C.H., Hearn, J.P. & Renfree, M.B. (1974) Control of reproduction in macropodid marsupials. *Journal of Endocrinology* 63: 589–614.
- Tyndale-Biscoe, C.H. (1975) Environment and control of breeding in kangaroos and wallabies. In H. Messer & S.T. Butler (Eds) *Australian Animals and Their Environment*. Shakespeare Head Press, Sydney, pp. 63–79.
- Tyndale-Biscoe, C.H., Stewart, E. & Hinds, L.A. (1984) Some factors in the initiation and control of lactation in the tammar wallaby. *Symposium of the Zoological Society of London* 51: 389–401.
- Uka, D. (1980) The husbandry of the grey dorcopsis wallaby (*Dorcopsis muelleri luctosa*) at the Royal Melbourne Zoological Gardens. Unpublished report from the Australian Society of Zoo Keepers Conference.
- Ullmann, S.L. & Brown, R. (1983) Further observations on the potoroo (*Potorous tridactylus*) in captivity. *Laboratory Animals* 17: 133–37.
- Vernes, K. & Pope, L.C. (2002) Fecundity, pouch young survivorship and breeding season of the northern bettong (*Bettongia tropica*) in the wild. *Australian Mammalogy* 23: 95–100.
- Waite, E.R. (1894) Observations on *Dendrolagus bennettianus*. *Proceedings of the Linnean Society of New South Wales* 9: 571–82.
- Wakefield, N. (1961) Victoria's rock-wallabies. *Victorian Naturalist* 77: 322–32.
- Wakefield, N. (1963) Notes on rock-wallabies. *Victorian Naturalist* 80: 169–76.
- Wakefield, N. (1971) The brushtailed rock-wallaby (*Petrogale penicillata*) in Western Victoria. *Victorian Naturalist* 88: 92–102.
- Wallach, J.D. (1971) Lumpy jaw in captive kangaroos. *International Zoo Yearbook* 11: 13.
- Walraven, E. (1990) *Taronga Zoo's Guide to the Care of Urban Wildlife*. Allen & Unwin, Sydney.
- Watson, D.M., Croft, D.B. & Crozier, R.H. (1992) Paternity exclusion and dominance in captive red-necked wallabies, *Macropus rufogriseus* (Marsupialia: Macropodidae). *Australian Mammalogy* 15: 31–36.
- Wilhelm, P. and Ganslosser, U. (1989) Sequential organisation of social behaviour in captive adult and juvenile *Macropus rufus* (Marsupialia: Macropodidae). *Australian Mammalogy* 12: 5–13.
- Williams, H.D. (no date) *The Year of the Kangaroo*. Reed, Sydney.
- Wilson, G.R., Gerritson, J. & Milthorpe, P.L. (1976) The yellow-footed rock-wallaby, *Petrogale xanthopus* (Macropodidae) in western New South Wales. *Australian Wildlife Research* 3: 73–78.
- Wilson, P. (1971) Hand rearing a dama wallaby *Protemnodon eugenii* at Auckland Zoo. *International Zoo Yearbook* 11: 20.
- Windsor, D.E. & Dagg, A.I. (1971) The gaits of the Macropodinae (Marsupialia). *Journal of Zoology* (London) 163: 165–75.
- Wodzicki, K. & Flux, J.E.C. (1967) Rediscovery of the white-throated wallaby, *Macropus parma* Waterhouse 1846, on Kawau Island, New Zealand. *Australian Journal of Science* 29: 429–30.
- Wood, J.T., Carpenter, S.M. & Poole, W.E. (1981) Confidence intervals for ages of marsupials determined from body measurements. *Australian Wildlife Research* 8: 269–74.
- Wood, J.T., Poole, W.E. & Carpenter, S.M. (1983) Validation of aging keys for eastern grey kangaroos *Macropus giganteus*. *Australian Wildlife Research* 10: 213–17.

## Chapter 10 – Bats

- Allison F.R. (1987) Notes on the bat flies (Diptera: Nycteribiidae) of Australian Megachiroptera (Pteropodidae). *Australian Mammalogy* 10: 111–13.
- Anderson, K. (1917) On the determination of age in bats. *Journal of the Bombay Natural History Society* 25(2): 249–59.
- Armstrong, K.N. (2001) The distribution and roost habitat of the orange leaf-nosed bat, *Rhinonictis aurantius*, in the Pilbara region of Western Australia. *Wildlife Research* 28: 95–104.
- Baer, G.M. (1966) A method for bleeding small bats. *Journal of Mammalogy* 47: 340.
- Baer, G.M. & McLean, R.G. (1972) A new method for bleeding small and infant bats. *Journal of Mammalogy* 53: 231–32.
- Banfield, A.W.F. (1948) Longevity of the big brown bat. *Journal of Mammalogy* 29: 418.
- Banfield, A.W.F. (1950) A further note on the longevity of the big brown bat. *Journal of Mammalogy* 31: 455.

- Barclay, R.M.R. (1995) Does energy or calcium availability constrain reproduction by bats? *Symposia of the Zoological Society of London* 67: 245–58.
- Boles, W.E. (1999) Avian prey of the Australian ghost bat *Macroderma gigas* (Microchiroptera: Megadermatidae): prey and characteristics and damage from predation. *Australian Zoologist* 31: 82–91.
- Bradbury, J.W. (1977) Social organisation and communication. In W.A. Wimsatt (Ed.) *Biology of Bats*. Academic Press, London, pp. 1–72.
- Brock, M., Racey, P.A. & Rayner, J.M.V (Eds) (1987) *Recent Advances in the Study of Bats*. Cambridge University Press, Cambridge.
- Bruce, D.S. & Wiebers, J.E. (1970) Body weight of *Myotis lucifugus* under natural and laboratory conditions. *Journal of Mammalogy* 51: 823–24.
- Buckland-Wright, J.C. & Pye, J.D. (1973) Dietary deficiency in flying-foxes. *International Zoo Yearbook* 13: 271–77.
- Caddle, C.R. & Lumsden, L.F. (1999) Roost selection by the southern myotis (*Myotis macropus*) in southeastern Australia. Abstract. Australian Mammal Society Conference, Sydney.
- Carpenter, R.E. (1978) Bats (Chiroptera). In M.E. Fowler (Ed.) *Zoo and Wild Animal Medicine*. W.B. Saunders Co., Philadelphia, pp. 492–521.
- Carpenter, R.E. (1986) Old world flying-foxes. In M.E. Fowler (ed.) *Zoo and Wild Animal Medicine*. 2nd Edn. Saunders, Philadelphia, pp. 634–37.
- Chant, K., Chan, R., Smith, M., Dwyer, D. & Kirkland, P. (1998) Probable human infection with a newly described virus in the family Paramyxoviridae. *Emerging Infectious Diseases* 2: 273–75.
- Churchill, S.K. (1994) Diet, prey selection and foraging behaviour of the orange horseshoe-bat, *Rhinonycteris aurantius*. *Wildlife Research* 21: 115–30.
- Cockburn, D.K. & Geiser, F. (1996) Daily torpor and energy savings in a subtropical blossom-bat, *Syconycteris australis* (Megachiroptera). In F. Geiser, A.J. Hulbert & S.C. Nicol (Eds) *Adaptations to the Cold: Tenth International Hibernation Symposium*. University of New England, Armidale, pp. 39–45.
- Cockrum, E.L. (1973) Additional longevity records of American bats. *Journal of Arizona Academy of Science* 8: 108–10.
- Compton, A. (1984) Observations of the sheath-tailed bat, *Taphozous saccolaimus* Temminck (Chiroptera: Emballonuridae), in the Townsville region. *Australian Mammalogy* 6: 83–87.
- Constantine, D.G. (1978) Old world flying-foxes. In M.E. Fowler (Ed.) *Zoo and Wild Animal Medicine*. W.B. Saunders Co., Philadelphia, pp. 495–500.
- Cronin, A. & Sanderson, K.J. (1994) The hunting behaviour of some South Australian vespertilionids. *Australian Mammalogy* 17: 113–16.
- Davis, W.H. (1965) Laboratory care of little brown bats at thermal neutrality. *Journal of Mammalogy* 46: 681–82.
- Davis, W.H. & Luckens, M.M. (1966) Use of big brown bats (*Eptesicus fuscus*) in biomedical research. *Laboratory Animal Care* 16: 224–27.
- Davis, W.H. (1986) An *Eptesicus fuscus* lives 20 years. *Bat Research News* 27: 21.
- Dempsey, J.L. (1999) Advances in flying-foxes nutrition. In M.E. Fowler & R. Miller (Eds) *Zoo and Wild Animal Medicine*. W.B. Saunders, Philadelphia, pp. 354–60.
- Dix, W.M. & Billings, S.M. (1969) Technique for permanent vaginal smear preparations from rodents and other mammals. *Georgia Academy of Science* 27: 122–26.
- Douglas, A.M. (1967) The natural history of the ghost bat *Macroderma gigas* (Microchiroptera: Megadermatidae), in Western Australia. *Western Australian Naturalist* 10: 125–37.
- Dwyer, P.D. (1963) Seasonal changes in pelage of *Miniopterus schreibersii blepotis* (Chiroptera) in north-eastern New South Wales. *Australian Journal of Zoology* 11: 290–300.
- Dwyer, P.D. (1964) Seasonal changes in activity and weight of *Miniopterus schreibersii blepotis* (Chiroptera) in north-eastern New South Wales. *Australian Journal of Zoology* 12: 52–69.
- Dwyer, P.D. (1966) Mortality factors of the bent-winged bat. *Victorian Naturalist* 83: 31–36.
- Dwyer, P.D. (1966) Observations on *Chalinolobus dwyeri* (Chiroptera: Vespertilionidae) in Australia. *Journal of Mammalogy* 47: 716–18.
- Dwyer, P.D. (1966) The population pattern of *Miniopterus schreibersii* (Chiroptera) in north-eastern New South Wales. *Australian Journal of Zoology* 14: 1073–137.
- Dwyer, P.D. (1969) Population ranges of *Miniopterus schreibersii* (Chiroptera) in south-eastern Australia. *Australian Journal of Zoology* 17: 665–86.
- Dwyer, P.D. (1970) Foraging behaviour of the Australian large-footed myotis (Chiroptera). *Mammalia* 34: 76–80.
- Dwyer, P.D. (1971) Temperature regulation and cave-dwelling in bats: an evolutionary perspective. *Mammalia* 35: 424–55.
- Dwyer, P.D. & Harris, J.A. (1972) Behavioural acclimatisation to temperature by pregnant *Miniopterus* (Chiroptera). *Physiological Zoology* 45: 14–21.
- Eby, P. (1998) An analysis of diet specialisation in frugivorous *Pteropus poliocephalus* (Megachiroptera) in Australian subtropical rainforest. *Australian Journal of Ecology* 23: 443–56.
- Fenton, M.B. (1982) Echolocation calls and patterns of hunting and habitat use of bats from Chillagoe, north Queensland. *Australian Journal of Zoology* 30: 417–25.
- Fenton, M.B., Racey, P. & Rayner, J.M. (1987) *Recent Advances in the Study of Bats*. Cambridge University Press, Cambridge.
- Fenton, B. (1992) *Bats*. Facts on File, New York.
- Field, H. (2001) Novel viruses of Pteropid bats: Disease emergence and factors contributing to emergence. In A. Martin & L. Vogelneust (2001) *Veterinary conservation*

- biology wildlife health and management in Australasia. *Proceedings of International Joint Conference*. Taronga Zoo, Sydney, Australia. 1–6 July 2001, pp. 237–40.
- Gates, W.H. (1936) Keeping bats in captivity. *Journal of Mammalogy* 17: 268–73.
- Gates, W.H. (1938) Raising the young of red bats on artificial diet. *Journal of Mammalogy* 19: 461–64.
- George, G. & Wakefield, N. (1961) Victorian cave bats. *Victorian Naturalist* 77: 294–302.
- Gleeson, L.J. (1997) Australian bat Lyssavirus – a newly emerged zoonoses? *Australian Veterinary Journal* 75: 188.
- Gonzalez, E. & Close, R. (1999) The maternal behaviour and development of a little red flying-fox *Pteropus scapulatus* in captivity. *Australian Zoologist* 175–80.
- Gould, A.R., Hyatt, A.D., Lunt, R., Kattenbelt, J.A., Hengstberger, S. & Blacksell, S.D. (1998) Characterisation of a novel Lyssavirus isolated from pteropodid bats in Australia. *Virus Research* 54: 165–87.
- Gould, P.J. (1961) Emergence times of *Tadarida* in relation to light intensity. *Journal of Mammalogy* 42: 405–7.
- Grant, J.D.A. (1991) Prey location by two Australian long-eared bats, *Nyctophilus gouldi* and *N. geoffroyi*. *Australian Journal of Zoology* 39: 45–56.
- Green, R.J. (1965) Observations on the little known bat *Eptesicus pumilus* Gray in Tasmania. *Records of the Queen Victoria Museum* 20: 1–16.
- Green, R.J. (1966) Notes on the lesser long-eared bat *Nyctophilus geoffroyi* in northern Tasmania. *Records of the Queen Victoria Museum, Launceston* 22: 1–4.
- Green, R., van Tonder, S.V., Oettle, G.J., Cole, G. & Metz, J. (1975) Neurological changes in flying-foxes deficient in vitamin B12. *Nature* 254: 148.
- Gunnell, A.C., Yani, M. & Kitchener, D.J. (1996) Field observations of *Macroglossus minimus* (Chiroptera: Pteropodidae) on Lombok Island, Indonesia. In D. Kitchener & A. Suyanto (Eds) *Proceedings of the First International Conference on Indonesian-Australian Vertebrate Fauna*. Western Australian Museum, Perth, pp. 127–45.
- Guppy, A. & Coles, R.B. (1983) Feeding behaviour of the Australian ghost bat, *Macroderma gigas* (Chiroptera: Megadermatidae) in captivity. *Australian Mammalogy* 6: 97–99.
- Gustafson, A.W. (1975) An outdoor flight cage suitable for keeping and maintaining insectivorous bats in captivity. *Bat Research News* 16: 23–25.
- Gustafson, A.W. (1979) Male reproductive patterns in hibernating bats. *Journal of Reproduction and Fertility* 56: 317–31.
- Gustafson, A.W. & Damassa, D.A. (1985) Repetitive blood sampling from small peripheral veins in bats. *Journal of Mammalogy* 66: 173–77.
- Gustafson, G. (1950) Age determination on teeth. *Journal of the American Dental Association* 41: 45–54.
- Hall, L.S. & McKean, J.L. (1967) Transfer of new-born offspring in the bat *Miniopterus schreibersi*. *Australian Journal of Science* 30: 145.
- Hall, L.S. (1989) Rhinolophidae. In D.W. Walton & B.J. Richardson (Eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 857–63.
- Hall, L.S. & Richards, G.C. (1991) Flying-fox camps. *Wildlife Australia* 28: 19–22.
- Hamilton-Smith, E. (1975?) The present knowledge of Australian bats. *Australian Mammalogy* 1: 95–108.
- Haeussler, U. & Erkert, H. (1978) Different direct effects of light intensity on the entrained activity rhythms in neotropical bats (Chiroptera, Phyllostomidae). *Behavioural Processes* 3: 223–39.
- Heard, D.J. (1999) Medical management of megachiropterans. In M.E. Fowler & R. Miller (Ed.) *Zoo and Wild Animal Medicine*. Current Therapy 4. W.B. Saunders, Philadelphia, pp. 344–54.
- Hood, C.S. & Smith, J.D. (1989) Sperm storage in a tropical nectar-feeding bat, *Macroglossus minimus* (Pteropodidae). *Journal of Mammalogy* 70: 404–6.
- Hooper, P.T., Fraser, G.C., Foster, R.A. & Storie, G.J. (1999) Histopathology and immunohistochemistry of bats infected by Australian bat Lyssavirus. *Australian Veterinary Journal* 77: 595–99.
- Hosken, D.J., Baily, W.J., O'Shea, J.E. & Roberts, J.D. (1994) Localisation of insect calls by the bat *Nyctophilus geoffroyi* (Chiroptera: Vespertilionidae): a laboratory study. *Australian Journal of Zoology* 42: 177–84.
- Hoyle, S.D., Pople, A.R. & Toop, G.J. (2001) Mark-recapture may reveal more about ecology than about population trends: Demography of a threatened ghost bat (*Macroderma gigas*) population. *Animal Ecology* 26: 80–92.
- Inwards, S. & Phillips, B. (1982) A note on *Mormopterus planiceps* hibernating near Canberra. *Australian Bat Research News* 18: 8–9.
- Jolly, S.E. & Blackshaw, A.W. (1987) Prolonged epididymal sperm storage, and the temporal dissociation of testicular and accessory gland activity in the common sheath-tail bat, *Taphozous georgianus*, of tropical Australia. *Journal of Reproduction and Fertility* 81: 205–11.
- Jolly, S. (1988) A comparison of two banding methods in a common sheath-tailed bat, *Taphozous georgianus*. *Macroderma* 4: 64–66.
- Judes, U. (1988) On the problems of 'rabies' in bats. *Macroderma* 4: 11–33.
- Kabat, A.P. & Kincade, T.J. (2000) A portable device for restraining small bats. *Australian Mammalogy* 21: 249–50.
- Keegan, D.J. (1979) Restraining cage and method for bleeding flying-foxes (*Rousettus aegyptiacus*). *Laboratory Animal Science* 29: 402–3.
- Kitchener, D.J. (1973) Reproduction in the common sheath-tail bat, *Taphozous georgianus* (Microchiroptera:

- Emballonuridae), in Western Australian. *Australian Journal of Zoology* 21: 375–89.
- Koopman, K.F. (1984) Taxonomic and distributional notes on tropical Australian bats. *American Museum Novitates* 2778: 1–48.
- Krutzsch, P.H. (1979) Male reproductive patterns in non-hibernating bats. *Journal of Reproduction and Fertility* 56: 333–344.
- Krutzsch, P.H., & Crichton, E.G. (1990) Reproductive biology of the male bent-winged bat, *Miniopterus schreibersii* (Vespertilionidae) in southeast South Australia. *Acta Anatomica* 139: 109–25.
- Krutzsch, P.H., Young, R.A. & Crichton, E.G. (1992) Observations on the reproductive biology and anatomy of *Rhinolophus megaphyllus* (Chiroptera: Rhinolophidae) in eastern Australia. *Australian Journal of Zoology* 40: 533–49.
- Kulzer, E., Nelson, J.E., McKean, J.L. & Moehres, F.P. (1984) Prey-catching behaviour and echolocation in the Australian ghost bat, *Macroderma gigas* (Microchiroptera: Megadermatidae). *Australian Mammalogy* 7: 37–50.
- Kunz, T.H. (1974) Reproduction, growth and mortality of the vespertilionid bat, *Eptesicus fuscus*, in Kansas. *Journal of Mammalogy* 55: 1–13.
- Kunz, T.H. (Ed.) (1982) *Ecology of Bats*. Plenum, New York.
- Kunz, T.H. & Anthony, E.L.P. (1982) Age estimation and postnatal growth rates in the bat *Myotis lucifugus*. *Journal of Mammalogy* 63: 23–32.
- Kunz, H. (1988) *Ecological and Behavioural Methods for the Study of Bats*. Smithsonian Institution Press, Washington.
- Kunz, T.H. & Stern, A.A. (1995) Maternal investment and post-natal growth in bats. *Symposia of the Zoological Society of London* 67: 123–38.
- Law, B.S. (1992) The maintenance nitrogen requirements of the Queensland blossom bats (*Syconycteris australis*) on a sugar/pollen diet: is nitrogen a limiting resource. *Physiological Zoology* 65: 634–48.
- Law, B.S. & Lean, M. (1992) An observation of little red flying-foxes (*Pteropus scapulatus*) feeding on lerps. *Australian Mammalogy* 15: 143–45.
- Law, B.S. (1992) Physiological factors affecting pollen use by Queensland blossom bats (*Syconycteris australis*). *Functional Ecology* 6: 257–64.
- Law, B.S. (1993) Sugar preferences of the Queensland blossom bat, *Syconycteris australis*: a pilot study. *Australian Mammalogy* 16: 17–21.
- Law, B.S. (1994) Banksia nectar and pollen – dietary items affecting the abundance of the common blossom-bat, *Syconycteris australis*, in southern-eastern Australia. *Australian Journal of Ecology* 19: 425–34.
- Law, B.S. (1995) The effect of energy supplementation on the local abundance of the common blossom-bat, *Syconycteris australis*, in southern-eastern Australia. *Oikos* 72: 42–50.
- Law, B.S. & Anderson, J. (2000) Roost preferences and foraging ranges of the eastern forest bat *Vespadelus pumilus* under two disturbance histories in northern New South Wales, Australia. *Australian Journal of Ecology* 25: 352–67.
- Linhardt, S.B. (1973) Age determination and occurrence of incremental growth lines in the dental cementum of the common vampire bat (*Desmodus rotundus*). *Journal of Mammalogy* 54: 493–96.
- Longbottom, H. (1997) Emerging infectious diseases. *Communicable Disease Intelligence* 21: 89–93.
- Luckhoff, H. (1987) Rearing orphan *Pteropus* spp. (Chiroptera: Pteropodidae) for release to the wild. *Australian Mammalogy* 10: 127–28.
- Lunney, D., Barker, J. Priddel, D. & O'Connell M. (1988) Roost selection by Gould's long-eared bat, *Nyctophilus gouldi* Tomes (Chiroptera: Vespertilionidae), in logged forest on the south coast of New South Wales. *Australian Wildlife Research* 15: 375–84.
- Lunney, D., Barker, J. & Priddel, D. (1988) Movements and day roosts of the chocolate wattled bat *Chalinolobus morio* (Gray) in a logged forest. *Australian Mammalogy* 8: 313–17.
- Lunney, D., Barker, J. Priddel, D. & O'Connell M. (1988) Roost selection by the north Queensland long-eared bat, *Nyctophilus bifax* in littoral rainforest in the Iluka World Heritage Area, New South Wales. *Australian Journal of Ecology* 20: 532–37.
- McComb, W.C. & Noble, R.E. (1981) Microclimates of nest boxes and natural cavities in bottomland hardwoods. *Journal of Wildlife Management* 45: 284–89.
- McManus, J.J. (1974) Activity and thermal preferences of the little brown bat, *Myotis lucifugus*, during hibernation. *Journal of Mammalogy* 55: 844–46.
- McWilliam, A.N. (1986) The feeding ecology of *Pteropus* in north-eastern New South Wales, Australia. *Myotis Mitteilungsblatt Fledermauskundler* 23–24: 201–8.
- Maddock, T.H. & McLeod, A. (1974) Polyoestry in the little brown bat, *Eptesicus pumilus* in central Australia. *South Australian Naturalist* 48: 50–63.
- Maddock, T.H. & McLeod, A.N. (1976) Observations on the little brown bat, *Eptesicus pumilus caurinus* Thomas in the Tennant Creek area of the Northern Territory. Part 1. Introduction and breeding biology. *South Australian Naturalist* 50: 42–50.
- Mills, K.W., Petit, M.G., Lauerman, L.H. & Walton, T. (1976) A method for bleeding vampire bats, *Desmodus rotundus murinus*. *Laboratory Animal Science* 26: 507–8.
- Mitchell-Jones, A.J. (Ed.) (1999) *The Bat Workers Manual*. Joint Nature Conservation Council, Peterborough, United Kingdom.
- Mohos, S.C. (1961) Bats as laboratory animals. *Anatomical Record* 139: 369–78.
- Morrison, D.W. (1980) Efficiency of food utilisation by flying-foxes. *Oecologia* 45: 270–73.
- Myers, P. (1978) A method for determining the age of living small mammals. *Journal of Zoology* (London) 186: 551–56.

- O'Neil, M.G. & Taylor, R.J. (1989) Feeding ecology of Tasmanian bat assemblages. *Australian Journal of Ecology* 14: 19–31.
- Orr, R.T. (1958) Keeping bats in captivity. *Journal of Mammalogy* 39: 339–44.
- Oxberry, B.A. (1979) Female reproductive patterns in hibernating bats. *Journal of Reproduction and Fertility* 56: 359–67.
- Payve, C.R. & Burwell, C.J. (2000) Foraging ecology of three species of hipposiderid bats in tropical rainforest in north-east Queensland. *Wildlife Research* 27: 283–87.
- Palmer, C., Price, O. & Bach, C. (2000) Foraging ecology of the black flying-fox (*Pteropus alecto*) in the seasonal tropics of the Northern Territory, Australia. *Wildlife Research* 27: 169–78.
- Parry-Jones, K.A. & Augee, M.L. (1991) The diet of flying-foxes in the Sydney and Gosford areas of New South Wales, based on sighting reports 1986–1990. *Australian Zoologist* 27: 49–54.
- Parry-Jones, K. & Augee, M.L. (1991) Food selection by grey-headed flying-foxes (*Pteropus poliocephalus*) occupying a summer colony site near Gosford New South Wales. *Wildlife Research* 18: 111–24.
- Phillips, W.R. (1985) The use of bird bands for marking tree-dwelling bats. A preliminary appraisal. *Macroderma* 1: 17–21.
- Phillips, W.R., Tidemann, C.R., Inwards, S.J. & Winderlich, S. (1985) The Tasmanian pipistrelle: *Pipistrellus tasmaniensis* Gould 1858: annual activity and breeding cycles. *Macroderma* 1: 2–11.
- Provic, P. (1983) Seasonal behaviour of *Pteropus scapulatus* (Chiroptera: Pteropodidae). *Australian Mammalogy* 6: 45–46.
- Provic, P. & Tracey, R.A. (1986) Faecal synthesis of vitamin B12 in Australian *Pteropus* species (Chiroptera: Pteropodidae). *Australian Mammalogy* 10: 5–9.
- Provic, P. (1987) Parasites of Australian flying-foxes (Chiroptera: Pteropodidae). *Australian Mammalogy* 10: 107–10.
- Purchase, D. & Hiscox, P.M. (1960) A first report on bat-banding in Australia. *CSIRO Wildlife Research* 5: 44–51.
- Racey, P.A. & Kleiman, D.G. (1970) Maintenance and breeding in captivity of some vespertilionid bats with special reference to the nocturnal *Nyctalus noctula*. *International Zoo Yearbook* 10: 65–70.
- Racey, P.A. (1973) Environmental factors affecting the length of gestation in heterothermic bats. *Journal of Reproduction and Fertility* Supplement 19: 175–89.
- Racey, P.A. (1974) Ageing and assessment of reproductive status of *Pipistrellus pipistrellus*. *Journal of Zoology* (London) 173: 264–71.
- Racey, P.A. (1979) The prolonged storage and survival of spermatozoa in Chiroptera. *Journal of Reproduction and Fertility* 56: 391–402.
- Racey, P.A. & Swift, S.M. (1981) Variations in gestation length in a colony of pipistrelle bats *Pipistrellus pipistrellus* from year to year. *Journal of Reproduction and Fertility* 61: 123–29.
- Ransome, R. (1990) *The Natural History of Hibernating Bats*. Christopher Helm, London.
- Rasweiler, J.J. (1973) The care and management of the long-tongued bat, *Glossophaga soricina* (Chiroptera: Phyllostomatidae) in the laboratory, with observations on estivation induced by food deprivation. *Journal of Mammalogy* 54: 391–404.
- Rasweiler, J.J. (1973) Maintaining frugivorous phyllostomatid bats in the laboratory: *Phyllostomus*, *Artibeus* and *Sturnira*. *Laboratory Animal Science* 23: 56–61.
- Rasweiler, J.J. (1975) Maintaining and breeding neotropical frugivorous, insectivorous and pollenivorous bats. *International Zoo Yearbook* 15: 18–30.
- Rasweiler J.J. (1986) American leaf-nosed bats. In M.E. Fowler (ed.) *Zoo and Wild Animal Medicine*. Second Edition. Saunders, Philadelphia, pp. 638–44.
- Ratcliffe, F.N. (1961) Flying-foxes drinking sea water. *Journal of Mammalogy* 42: 252–53.
- Rhodes, M.P. & Hall, L.S. (1997) Observations on yellow-bellied sheath-tailed bats *Saccolaimus flaviventris* (Peters, 1867) (Chiroptera: Emballonuridae). *Australian Zoologist* 30: 351–56.
- Richards, G.C. (1987) Aspects of the ecology of spectacled flying-foxes, *Pteropus conspicillatus* (Chiroptera: Pteropodidae), in tropical Queensland. *Australian Mammalogy* 10: 87–88.
- Richards, G.C. (1990) The spectacled flying-fox, *Pteropus conspicillatus* (Chiroptera: Pteropodidae), in north Queensland. 1. Roost sites and distribution patterns. *Australian Mammalogy* 13: 17–24.
- Richards, G.C. (1990) The spectacled flying-fox, *Pteropus conspicillatus* (Chiroptera: Pteropodidae), in north Queensland. 2. Diet, seed dispersal and feeding ecology. *Australian Mammalogy* 13: 25–31.
- Richardson, E.G. (1977) The biology and evolution of the reproductive cycle of *Miniopterus schreibersii* and *M. australis* (Chiroptera: Vespertilionidae). *Journal of Zoology* (London) 183: 353–75.
- Robson, S.K. (1984) *Myotis adversus* (Chiroptera: Vespertilionidae): Australia's fish-eating bat. *Australian Mammalogy* 7: 51–52.
- Sanderson, K. & Kirkley, D. (1998) Yearly activity patterns of bats at Belair National Park, in Adelaide, South Australia. *Australian Mammalogy* 20: 369–75.
- Schedvin, N. (1991) Daily and seasonal activity of insectivorous bats in relation to climatic factors and insect abundance in Coranderrk bushland, Healesville. BSc Hons Thesis. La Trobe University, Melbourne.
- Schulz, M. & Menkhorst, K. (1986) Roost preferences of cave bats at Pine creek, Northern Territory. *Macroderma* 2: 2–7.

- Schulz, M. (1986) Vertebrate prey of the ghost bat *Macroderma gigas*, at Pine Creek, Northern Territory. *Macroderma* 2: 59–62.
- Schulz, M. (1995) Utilisation of suspended bird nests by the golden-tipped bat (*Kerivoula papuensis*) in Australia. *Mammalia* 59: 280–83.
- Schulz, M. & Hannah, D. (1996) Notes on the tube-nosed insect bat *Murina florium* from the Atherton Tableland, north-eastern Queensland, Australia. *Mammalia* 60: 312–16.
- Schulz, M. & Wainer, J. (1997) Diet of the golden-tipped bat *Kerivoula papuensis* (Microchiroptera) from north-eastern New South Wales. *Journal of Zoology* (London) 243: 653–58.
- Schulz, M. & Hannah, D. (1998) Relative abundance, diet and roost selection of the tube-nosed insect bat, *Murina florium*, on the Atherton Tablelands, Australia. *Wildlife Research* 25: 261–71.
- Schulz, M. (2000) Diet and foraging behavior of the golden-tipped bat, *Kerivoula papuensis*: a spider specialist? *Journal of Mammalogy* 81: 948–57.
- Schutt, W.A.Jr, Muradali, F., Mondol, N., Joseph, K. & Brockman, K. (1999) Behaviour and maintenance of captive white-winged vampire bats, *Diaemus youngi*. *Journal of Mammalogy* 80: 71–81.
- Seebeck, J.H. & Hamilton-Smith, E. (1967) Notes on a wintering colony of bats. *Victorian Naturalist* 84: 348–51. See also errata included in vol 84, 1968.
- Simmons, J.A. & Stein, R.A. (1980) Acoustic imaging in bat sonar: Echolocation signals and the evolution of echolocation. *Journal of Comparative Physiology* 135: 61–84.
- Simpson, K.G. (1962) A rooftop breeding colony of Gould's wattled bat. *Victorian Naturalist* 78: 325–27.
- Slaughter, B.H. & Walton, D.W. (Eds) (1970) *About Bats: A Chiropteran Symposium*. Southern Methodist University Press, Dallas.
- Spencer, H.J. & Fleming, T.H. (1989) Roosting and foraging behaviour of the Queensland tube-nosed bat, *Nyctimene robinsoni*, Pteropodidae: preliminary radio-tracking observations. *Australian Wildlife Research* 16: 413–20.
- Stager, K.E. & Hall, L.S. (1983) A cave-roosting colony of the black flying-fox (*Pteropus alecto*) in Queensland, Australia. *Journal of Mammalogy* 64: 523–25.
- Steller, D.C. (1986) The dietary energy and nitrogen requirements of the grey-headed flying-fox, *Pteropus poliocephalus* (Temminck) (Megachiroptera). *Australian Journal of Zoology* 34: 339–49.
- Stones, R.C. & Webers, J.E. (1967) A review of temperature regulation in bats (Chiroptera). *American Midland Naturalist* 74: 155–67.
- Studier, E.H., Procter, J.W. & Howell, D.J. (1970) Diurnal body weight loss and tolerance of weight loss in five species of *Myotis*. *Journal of Mammalogy* 51: 302–9.
- Taylor, R.J. & Savva, N.M. (1988) Use of roost sites by four species of bats in state forest in south-eastern Tasmania. *Australian Wildlife Research* 15: 637–45.
- Taylor, R.J. & Savva, N.M. (1990) Annual activity and weight cycles of bats in south-eastern Tasmania. *Australian Wildlife Research* 17: 181–88.
- Thompson, D. & Fenton, M.B. (1982) Echolocation and feeding behaviour of *Myotis adversus* (Chiroptera: Vespertilionidae). *Australian Journal of Zoology* 30: 543–46.
- Tidemann, C.R., Priddel, D., Nelson, J.E. & Pettigrew, J.D. (1985) Foraging behaviour of the Australian ghost bat, *Macroderma gigas* (Microchiroptera: Megadermatidae). *Australian Journal of Zoology* 33: 705–13.
- Tidemann, C.R., Simpson, B.K. & Sherwell, D. (1997) Flying-foxes and tourists: a conservation dilemma in the Northern Territory. *Australian Zoologist* 30: 310–15.
- Towers, F.A. & Martin, L. (1985) Some aspects of female reproduction in the grey-headed flying-fox, *Pteropus poliocephalus* (Megachiroptera: Pteropodidae). *Australian Mammalogy* 8: 257–63.
- Trapido, H. & Crowe, P.E. (1946) The wing banding method in the study of the travels of bats. *Journal of Mammalogy* 27: 224–26.
- Tuttle, M.D. (1974) An improved trap for bats. *Journal of Mammalogy* 55: 475–77.
- Tuttle, M.D. & Hensley, D.L. (1993) *The Bat House Builder's Handbook*, Bat Conservation International, Texas.
- Vestjens, W.J.M. & Hall, L.S. (1977) Stomach contents of forty-two species of bats from the Australian region. *Australian Wildlife Research* 4: 25–35.
- Walton, D.W. & Richardson, B.J. (1989) *Fauna of Australia. Vol. 1B. Mammalia*. Australian Government Publishing Service, Canberra.
- Westerbury, H.A., Hooper, P.T., Selleck, P.W. & Murray, P.K. (1995) Equine morbillivirus pneumonia: susceptibility of laboratory animals to the virus. *Australian Veterinary Journal* 72: 278–79.
- Wilson, D.E. (1997) *Bats in Question*. CSIRO, Melbourne.
- Wimsatt, W.A. (Ed.) (1970) *Biology of Bats*. Academic Press, New York.
- Wimsatt, W.A., Guerriere, A. & Horst, R. (1973) An improved cage design for maintaining vampires (*Desmodus*) and other bats for experimental purposes. *Journal of Mammalogy* 54: 251–54.
- Woodside, D.P. & Long, A. (1984) Observations on the feeding habits of the greater broad-nosed bat, *Nycticeius rueppellii*. *Australian Mammalogy* 7: 121–29.

## Chapter 11 – Rodents

- Barnett, S.A. (1958) An analysis of social behaviour in wild rats. *Proceedings of the Zoological Society of London* 130: 107–52.
- Barnett, S.A., Evans, C.S. & Soddart, R.C. (1968) Influence of females on conflict among wild rats. *Journal of Zoology* (London) 154: 391–96.
- Barnett, S.A. & Soddart, R.C. (1969) Effects of breeding in captivity on conflict among wild rats. *Journal of Mammalogy* 50: 321–25.

- Barnett, S.A. Fox, I.A. & Hocking, W.E. (1982) Some social postures of five species of *Rattus*. *Australian Journal of Zoology* 30: 581–601.
- Barritt, M.K. (1976) Breeding of *Rattus lutreolus* (Gray, 1841) in South Australia. *South Australian Naturalist* 51: 14–15.
- Begg, R. (1975) The agonistic vocalisations of *Rattus villosissimus*. *Australian Journal of Zoology* 23: 597–614.
- Begg, R.J. (1976) Aggressiveness, body weight and injuries in long-haired rats (*Rattus villosissimus*). *Australian Zoologist* 19: 35–43.
- Braithwaite, R.W. (1980) The ecology of *Rattus lutreolus*. III. The rise and fall of a commensal population. *Australian Wildlife Research* 7: 199–215.
- Braithwaite, R.W., Morton, S.R., Burbidge, A.A. & Calaby, J.H. (1995) *Australian Names for Australian Rodents*. Australian Nature Conservation Agency, Canberra.
- Brazener, C.W. (1957) Mitchell's hopping mouse. *Proceedings of the Royal Zoological Society of NSW*. 1956: 57: 19–22.
- Breed, W.G. (1981) Early embryonic development and ovarian activity during concurrent pregnancy and lactation in the hopping mouse *Notomys alexis*. *Australian Journal of Zoology* 29: 589–604.
- Breed, W.G. (1982) Control of mammalian and avian reproduction in the Australian arid zone, with special reference to rodents. In W.R. Barker & P.J.M Green (Eds) *Evolution of the Flora and Fauna of Arid Australia*. Peacock Publications, Frewville, pp. 185–90.
- Breed, W.G. (1983) Sexual dimorphism in the Australian hopping mouse, *Notomys alexis*. *Journal of Mammalogy* 64: 536–39.
- Breed, W.G. (1992) Reproduction of the spinifex hopping mouse *Notomys alexis* in the natural environment. *Australian Journal of Zoology* 40: 57–71.
- Bunn, J. & Craig, J.L. (1989) Population cycles of *Rattus exulans*: population changes, diet and food availability. *New Zealand Journal of Zoology* 16: 409–18.
- Carstairs, J.L. (1979) The effect of captivity on fighting by *Rattus villosissimus*. *Australian Journal of Zoology* 27: 537–45.
- Chaplin, A.K. (1971) Suppression of oestrous in grouped mice: the effect of various densities and the possible nature of the stimulus. *Journal of Reproduction and Fertility* 27: 233–41.
- Cheal, D.C. (1987) The diets and dietary preferences of *Rattus fuscipes* and *Rattus lutreolus* at Walkerville in Victoria. *Australian Wildlife Research* 14: 35–44.
- Christian, J.J. (1971) Population density and reproductive efficiency. *Biology of Reproduction* 4: 248–94.
- Churchill, S.K. (1996) Distribution, habitat and status of the Carpentarian rock-rat, *Zyzomys palatalis*. *Wildlife Research* 23: 77–91.
- Claridge, A.W. & May, T.W. (1994) Mycophagy among Australian mammals. *Australian Journal of Ecology* 19: 251–75.
- Claver, M.C. (1991) Total food consumption of some native Australian small mammals in the laboratory. *Australian Mammalogy* 14: 139–42.
- Cockburn, A. (1980) The diet of the New Holland mouse (*Pseudomys novaehollandiae*) and the house mouse (*Mus musculus*) in a Victorian coastal heathland. *Australian Mammalogy* 3: 31–34.
- Cockburn, A. (1981) Diet and habitat preferences of the silky desert mouse *Pseudomys apodemoides* (Rodentia). *Australian Wildlife Research* 8: 475–97.
- Cockburn, A. (1981) Population regulation and dispersion of the smoky mouse *Pseudomys fumeus* I. Dietary determinants of microhabitat preference. *Australian Journal of Ecology* 6: 231–54.
- Covacevich, J. & Easton, A. (1974) *Rats and Mice in Queensland*. Museum Booklet Number 9, Queensland Museum, Fortitude Valley.
- Dawson, T.J. & Fanning, D.F. (1981) Thermal and energetic problems of semiaquatic mammals: a study of the Australian water rat, including comparisons with the platypus. *Physiological Zoology* 54: 285–96.
- Dawson, T.J. & Dawson, W.R. (1982) Metabolic scope in response to cold of some dasyurid marsupials and Australian rodents. In M. Archer (Ed.) *Carnivorous Marsupials*. Royal Zoological Society of New South Wales, Sydney, pp. 255–60.
- Dewsbury, D.A. (1981) An exercise in the prediction of monogamy in the field from laboratory data on 42 species of muroid rodents. *Biologist* 63: 138–62.
- Dickman, C.R. (1988) Detection of physical contact interactions among free-living mammals. *Journal of Mammalogy* 69: 865–68.
- Dix, W.M. & Billings, S.M. (1969) Technique for permanent vaginal smear preparations from rodents and other mammals. *Georgia Academy of Science* 27: 122–26.
- Drickamer, L.C. (1975) Female mouse maturation: relative importance of social factors and daylength. *Journal of Reproduction and Fertility* 44: 147–50.
- Dunlop, J.N. & Pound, I.R. (1981) Observation on the pebble mound mouse *Pseudomys chapmani* Kitchener, 1980. *Records of the Western Australian Museum* 9: 1–5.
- Fanning, F.D. & Dawson, T.J. (1980) Body temperature variability in the Australian water rat, *Hydromys chrysogaster*, in air and water. *Australian Journal of Zoology* 28: 229–38.
- Fields, B.T. & Cunningham, D.R. (1976) A tail artery technique for collecting one-half millilitre of blood from a mouse. *Laboratory Animal Science* 26: 505–6.
- Finlayson, H.H. (1940) On central Australian mammals. Pt. 1. The Muridae. *Transactions of the Royal Society of South Australia* 64: 125–36.
- Fleay, D. (1964) The rat that mastered waterways. *Australian Wildlife* 1(4): 3–7.

- Fox, B.J., Read, D.G., Jefferys, E. & Luo, J. (1994) Diet of the Hastings River mouse (*Pseudomys oralis*). *Wildlife Research* 21: 491–505.
- Friend, G.R., Dudzinski, M.L. & Cellier, K.M. (1988) *Rattus colletti* (Rodentia: Muridae) in the Australian wet-dry tropics: Seasonal preferences, population dynamics and the effect of buffalo (*Bubulus bubalis*). *Australian Journal of Ecology* 13: 51–66.
- George, H., Parker, G. & Coote, P. (1995) Common Wombats: Rescue Rehabilitation Release. Unpublished manuscript.
- Gilbert, A.N. (1984) Postpartum and lactational estrus: a comparative analysis in Rodentia. *Journal of Comparative Psychology* 98: 232–45.
- Gratte, S. (1972) The stick-nest rat *Leporillus conditor* in the Gibson Desert. *Western Australian Naturalist* 12(3): 50–51.
- Hall, S. (1980) Diel activity of three small mammals coexisting in forests in southern Victoria. *Australian Mammalogy* 3: 67–79.
- Happold, M. (1976) The ontogeny of social behaviour in four conilurine rodents (Muridae) of Australia. *Zeitschrift für Tierpsychologie* 40: 265–78.
- Harris, W.F. (1978) A ecological study of the water rat (*Hydromys chrysogaster* Geoffroy) in south-east Queensland. MSc Thesis. University of Queensland, Brisbane.
- Hughes, R.L. (1964) Effect of changing cages, introduction of the male, and other procedures on the oestrous cycle of the rat. *CSIRO Wildlife Research* 9: 115–22.
- Keith, K. & Calaby, J.H. (1968) The New Holland mouse, *Pseudomys novaehollandiae* (Waterhouse), in the Port Stephens district, New South Wales. *CSIRO Wildlife Research* 13: 45–58.
- Kemper, C.M. (1976) Maturational and seasonal moult in the New Holland mouse, *Pseudomys novaehollandiae*. *Australian Zoologist* 19: 9–17.
- Kemper, C.M., Kitchener, D.J., Humphreys, W.F., How, R.A., Bradley, A.J. & Schmitt, L.H. (1987) The demography and physiology of *Melomys* spp. (Rodentia: Muridae) in the Mitchell Plateau area, Kimberley, Western Australia. *Journal of Zoology* (London) 212: 553–62.
- Knox, E. (1978) A note on the identification of *Melomys* species (Rodentia: Rodentia) in Australia. *Journal of Zoology* (London) 185: 176–77.
- Lee, A.K., Baverstock, P.R. & Watts, C.H. (1981) Rodents – The new invaders. In A Keast (Ed.) *Ecological Biogeography of Australia*. Dr W. Junk, The Hague, pp. 1523–53.
- Longman, H.B. (1916) *Notes on Classification of Common Rodents – With a list of Australian Species*. Commonwealth of Australia Quarantine Service Publication No. 8.
- Luo, J. & Fox, B.J. (1994) Diet of the eastern chestnut mouse (*Pseudomys gracilicaudata*). II. Seasonal and successional patterns. *Wildlife Research* 21: 419–31.
- Luo, J., & Fox, B.J. (1995) Competitive effects of *Rattus lutreolus* presence on food resource use by *Pseudomys gracilicaudatus*. *Australian Journal of Ecology* 20: 556–64.
- McDonald, I.R., Lee, A.K., Than, K.A. & Martin, R.W. (1988) Concentration of free glucocorticoids in plasma and mortality in the Australian bush rat (*Rattus fuscipes* Waterhouse). *Journal of Mammalogy* 69: 740–48.
- McDougall, W.A. (1946) An investigation of the rat-pest problem in Queensland canefields: 5. Populations. *Queensland Journal of Agricultural Science* 3: 157–233.
- McPhee, E.C. (1988) Ecology and diet of some rodents from the lower montane region of Papua New Guinea. *Australian Wildlife Research* 15: 91–102.
- MacMillen, R.E. & Lee, A.K. (1967) Australian desert mice: independence of exogenous water. *Science* 158: 383–85.
- Mahohany, J.A. & Marlow, B.J. (1968) The rediscovery of the New Holland mouse. *Australian Journal of Science* 31: 221–23.
- Morton, C.M. (1991) Diets of three species of tree-rat, *Mesembriomys gouldii* (Gray), *M. macrurus* (Peters) and *Conilurus penicillatus* (Gould) from Mitchell Plateau, Western Australia. Honours Thesis. University of Canberra.
- Murray, B.R. & Dickman, C.R. (1994) Food preferences and seed selection in two species of Australian desert rodents. *Wildlife Research* 21: 647–55.
- Price, M.V., Waser, N.M. & Bass, T.A. (1984) Effects of moonlight on microhabitat use by desert rodents. *Journal of Mammalogy* 65: 353–62.
- Scott, J.P. & Frederick, E. (1951) The causes of fighting in mice and rats. *Physiological Zoology* 24: 273–309.
- Tate, G.H.H. (1951) Results of the Archbold Expedition. No. 65. The rodents of Australia and New Guinea. *Bulletin of the American Museum of Natural History* 97: 183–430.
- Taylor, J.M., Calaby, J.H. & Smith, S.C. (1990) Reproduction in New Guinea *Rattus* and comparison with Australian *Rattus*. *Australian Journal of Zoology* 38: 587–602.
- Tory, M.K., May, T.W. Keane, P.J. & Bennett, A.F. (1997) Mycophagy in small mammals: a comparison of the occurrence and diversity of hypogeal fungi in the diet of the long-nosed potoroo *Potorous tridactylus* and the bush rat *Rattus fuscipes* from southwestern Victoria, Australia. *Australian Journal of Ecology* 22: 460–70.
- Trainor, C.R., Fisher, A., Woinarski, J. & Churchill, S.K. (2000) Multiscale patterns of habitat use by the Carpentarian rock-rat, *Zyzomys palatalis*, and the common rock-rat, *Z. argurus*. *Wildlife Research* 27: 319–32.
- Troughton, E. le G. (1923) The sticknest building rats of Australia. *Australian Museum Magazine* 2: 18–23.
- Van De Graaff, K.M. & Balda, R.P. (1973) Importance of green vegetation for reproduction in the kangaroo rat, *Dipodomys merriami merriami*. *Journal of Mammalogy* 54: 509–12.
- Van Dyck, S. (1992) Parting the reeds on Myora's Xeromys kibbutz. *Wildlife Australia* 29(4): 8–10.
- Van Dyck, S. & Durbidge, E. (1992) A nesting community of false water rats *Xeromys myoides* on the Myora sedgeland, North Stradbroke Island. *Memoirs of the Queensland Museum* 32: 374.
- Van Dyck, S. (1997) Queensland pebble-mound mice: Up from the tailings. *Nature Australia* Spring 40–47.

- Watts, C.H.S. (1975) The neck and chest glands of the Australian hopping-mice, *Notomys*. *Australian Journal of Zoology* 23: 151–7.
- Watts, C.H.S. (1975) Vocalisations of Australian hopping mice (Rodentia: *Notomys*). *Journal of Zoology* (London) 177: 247–63.
- Watts, C.H.S. (1976) Vocalisations of the plains rat *Pseudomys australis* Gray (Rodentia: Muridae). *Australian Journal of Zoology* 24: 95–103.
- Watts, C.H.S. & Braithwaite, R.W. (1978) The diet of *Rattus lutreolus* and five other rodents in southern Victoria. *Australian Wildlife Research* 5: 47–57.
- Watts, C.H.S. (1980) Vocalisations in nine species of Rat (*Rattus*: Muridae). *Journal of Zoology* (London) 191: 531–55.
- Watts, C.H.S. & Morton, S.R. (1983) Notes on the diet of *Mus musculus* and *Pseudomys hermannsburgensis* (Rodentia: Muridae) in western Queensland. *Australian Mammalogy* 6: 81–82.
- Watts, C.H.S. & Kemper, C.M. (1989) Muridae. In D.W. Walton & B.J. Richardson, B.J. (Eds) *Fauna of Australia. Mammalia. Vol. 1B*. Australian Government Publishing Service, Canberra, pp. 939–56.
- Whitten, W.K. (1956) Modifications of the oestrous cycle of the mouse by external stimuli associated with the male. *Journal of Endocrinology* 13: 399–404.
- Whitten, W.K. (1958) Modifications of the oestrous cycle of the mouse by external stimuli associated with the male: changes determined in the oestrous cycle determined by vaginal smears. *Journal of Endocrinology* 17: 307–13.
- Whitten, W.K. (1959) Occurrence of anoestrous in mice caged in groups. *Journal of Endocrinology* 18: 102–7.
- Wilson, B.A. & Bradtke, E. (1999) The diet of the New Holland mouse, *Pseudomys novaehollandiae* (Waterhouse), in Victoria. *Wildlife Research* 26: 439–51.
- Wolfe, J.L. & Summerlin, T. (1989) The influence of lunar light on nocturnal activity of the old-field mouse. *Animal Behaviour* 37: 410–14.
- Bekoff, M. & Wells, M.C. (1981) Behavioural budgeting by wild coyotes: the influences of food resources and social organisation. *Animal Behaviour* 29: 794–801.
- Bekoff, M., Daniels, T.J. & Gittleman, J.L. (1984) Life history patterns and the comparative social ecology of carnivores. *Annual Review of Ecology and Systematics* 15: 191–232.
- Brown, G.W. (1990) Diets of wild canids and foxes in east Gippsland 1983–1987, using predator scat analysis. *Australian Mammalogy* 13: 209–13.
- Catling, P.C. (1979) Seasonal variation in plasma testosterone and the testis in captive male dingoes, *Canis familiaris dingo*. *Australian Journal of Zoology* 27: 939–44.
- Dickman, C.R. & Lunney, D. (Eds) (2001) *A Symposium on the Dingo*. Royal Zoological Society of New South Wales, Sydney.
- Fentress, J.C. (1967) Observations on the behavioural development of a hand-reared male timber wolf. *American Zoologist* 7: 339–51.
- Fox, M.W. (1971) *Behaviour of Wolves, Dogs and Related Canids*. Harper & Row, New York.
- Fox, M.W. (1983) *The Wild Canids – Their Systematics, Behavioural Ecology and Ecology*. Krieger Publishing Co, Malabar, Florida.
- Harrington, F.H. & Mech, L.D. (1979) Wolf howling and its role in territory maintenance. *Behaviour* 68: 207–49.
- Harrington, F.M. & Mech, L.D. (1983) Wolf pack spacing: howling as a territory-independent spacing mechanism in a territorial population. *Behavioural Ecology and Sociobiology* 12: 161–68.
- Harrington, F.M., Mech, L.D. & Fritts, S.H. (1983) Pack size and wolf pack survival: their relationship under varying ecological conditions. *Behavioral Ecology and Sociobiology* 13: 19–26.
- Helldin, J.O. (1997) Age determination of Eurasian pine martins by radiographs by teeth *in situ*. *Wildlife Society Bulletin* 25: 83–88.
- Jean, Y., Berguson, L.M., Bisson, S. & Larocque, B. (1986) Relative age determination of coyotes, *Canis latrans*, from southern Quebec. *Canadian Field Naturalist* 100: 483–87.
- Kleiman, D. (1966) Scent marking in the Canidae. *Symposia of the Zoological Society of London* 18: 167–77.
- Kleiman, D.G. (1967) Some aspects of social behaviour in the Canidae. *American Zoologist* 7: 365–72.
- Kruuk, H. (1972) Surplus killing by carnivores. *Journal of Zoology* (London) 166: 233–44.
- Macdonald, D.W. (1976) Food caching by red foxes and some other carnivores. *Zeitschrift für Tierpsychologie* 42: 170–85.
- Macdonald, D.W. (1983) The ecology of carnivore social behaviour. *Nature* 301: 379–84.
- Macintosh, N.W.G. (1983) The origin of the dingo: an enigma. In M.W. Fox (Ed.) *The Wild Canids: Their Systematics, Behavioural Ecology and Evolution*. Krieger, Florida, pp. 87–106.
- Marsack, P. & Campbell, G. (1990) Feeding behaviour and diet of dingoes in the Nullarbor region, Western Australia. *Australian Wildlife Research* 17: 349–57.

## Chapter 12 – Dingoes

- Anisko, J. (1976) Communication by chemical signals in canids. In R. Doty (Ed.) *Mammalian Olfaction, Reproductive Processes and Behaviour*. Academic Press, New York, pp. 283–93.
- Asa, C.S., Mech, L.D. & Seal, U. (1985) The use of urine, faeces, and anal-gland secretions in scent-marking by a captive wolf (*Canis lupus*) pack. *Animal Behaviour* 33: 1034–36.
- Beach, F.A. & Gilmore, R.W. (1949) Response of male dogs to urine from females in heat. *Journal of Mammalogy* 30: 391–92.
- Bekoff, M. (1979) Scent-marking by free-ranging domestic dogs: olfactory and visual components. *Biology of Behavior* 4: 123–39.

- Newsome, A.E., Corbett, L.K. & Carpenter, S.M. (1980) The identity of the dingo. I. Morphological discriminants of dingo and dog skulls. *Australian Journal of Zoology* 28: 615–25.
- Newsome, A.E. & Corbett, L.K. (1982) The identity of the dingo. II. Hybridisation with domestic dogs in captivity and in the wild. *Australian Journal of Zoology* 30: 365–74.
- Newsome, A.E., Corbett, L.K., Catling, P.C. & Burt, R.J. (1983a) The feeding ecology of the dingo. I. Stomach contents from trapping in south-eastern Australia, and the non-target wildlife also caught in dingo traps. *Australian Journal of Wildlife Research* 10: 477–86.
- Newsome, A.E., Corbett, L.K., Catling, P.C. & Burt, R.J. (1983b) The feeding ecology of the dingo. II. Dietary and numerical relationships with fluctuating prey populations in south-eastern Australia. *Australian Journal of Ecology* 8: 345–66.
- Peters, R.L. & Mech, L.D. (1975) Scent-marking in wolves. *American Scientist* 63: 628–37.
- Pulliaainen, E. (1967) A contribution to the study of the social behaviour of the wolf. *American Zoologist* 7: 313–17.
- Rabb, G.B. (1967) Social relationships in a group of captive wolves. *American Zoologist* 7: 305–11.
- Raymer, J.D., Wiesler, D., Novotny, M., Asa, C., Seal, U.S. & Mech, L.D. (1984) Volatile constituents of wolf (*Canis lupus*) urine as related to gender and season. *Experimentia* 40: 707–9.
- Raymer, J.D., Wiesler, D., Novotny, M., Asa, C., Seal, U.S. & Mech, L.D. (1984) Chemical scent constituents in urine of wolf (*Canis lupus*) and their dependence on reproductive hormones. *Journal of Chemical Ecology* 12: 297–314.
- Robertshaw, J.D. & Harden, R.H. (1985) The ecology of the dingo in north-eastern New South Wales. III. Analysis of macropod bone fragments found in dingo scats. *Australian Wildlife Research* 12: 163–71.
- Root, D.A. & Payne, N.F. (1984) Evaluation of techniques for ageing gray fox. *Journal of Wildlife Management* 48: 926–33.
- Scott, J.P. (1967) The evolution of social behaviour in dogs and wolves. *American Zoologist* 7: 373–81.
- Shepherd, N.C. (1981) Predation of red kangaroos, *Macropus rufus*, by the dingo, *Canis familiaris dingo* (Blumenbach), in north-western New South Wales. *Australian Wildlife Research* 8: 255–62.
- Theberge, J.B. & Falls, J.B. (1967) Howling as a means of communication in timber wolves. *American Zoologist* 7: 331–38.
- Thomson, P.C. (1992) The behavioural ecology of dingoes in north-western Australia. I. The Fortescue River study area and details of captured dingoes. *Wildlife Research* 19: 509–18.
- Thomson, P.C. (1992) The behavioural ecology of dingoes in north-western Australia. III. Hunting and feeding behaviour, and diet. *Wildlife Research* 19: 531–41.
- Thomson, P.C. (1992) The behavioural ecology of dingoes in north-western Australia. VI. Temporary extraterritorial movements and dispersal. *Wildlife Research* 19: 585–95.
- Whitehouse, S.J.O. (1977) The diet of the dingo in Western Australia. *Australian Wildlife Research* 4: 145–50.
- Woodall, P.F., Pavlov, P. & Tolley, L.K. (1993) Comparative dimensions of testes, epididymides and spermatozoa of Australia dingoes (*Canis familiaris dingo*) and domestic dogs (*Canis familiaris familiaris*): some effects of domestication. *Australian Journal of Zoology* 41: 133–40.
- Woodall, P.F., Pavlov, P. & Twyford, K.L. (1996) Dingoes in Queensland, Australia: skull dimensions and the identity of wild canids. *Wildlife Research* 23: 581–87.
- Woolpy, J.H. & Ginsburg, B.E. (1967) Wolf socialisation: A study of temperament in a wild social species. *American Zoologist* 7: 357–63.
- Zimen, E. (1976) On the regulation of pack size in wolves. *Zeitschrift für Tierpsychologie* 40: 300–41.