Palaeontology Bibliography for the Naracoorte Caves National Park and World Heritage Area

P = Palaeoecology; T = Taxonomy; D = Depositional setting and dating; S = Species Occurrence within/among sites; PC = Palaeoclimate; Taph = Taphonomy; F = Functional Morphology; IF = Five-year impact factor (as at Sept 2014)

**Peer-reviewed scientific publications**


Bestland, E.A. and Rennie, J. 2006. Stable isotope record (δ^{18}O and δ^{13}C) of a Naracoorte Caves speleothem (Australia) from before and after the Last Interglacial. *Alcheringa Special Issue 1*, 19–29. (PC) IF = 1


Dawson, L. 2006. An ecophysiological approach to the extinction of the large marsupial herbivores in middle and late Pleistocene Australia. *Alcheringa Special Issue 1*, 89–114. (P) IF = 1


Easton, L. C. 2006. Pleistocene grey kangaroos from the fossil chamber of Victoria Fossil Cave, Naracoorte, South Australia. *Alcheringa Special Issue 1*, 89–114. (P) IF = 1


Forbes, M.S. and Bestland, E.A. 2006. Guano-derived deposits within the sandy cave fills of Naracoorte, South Australia. *Alcheringa Special Issue 1*, 129–146. (D) IF = 1


Fraser, R.A. and Wells, R.T. 2006. Palaeontological excavation and taphonomic investigation of the late Pleistocene fossil deposit in Grant Hall, Victoria Fossil Cave, Naracoorte, South Australia. *Alcheringa* Special Issue 1, 147–161. (P) IF = 1


Lundelius, E.L. Jr. 1983. Climatic implications of Late Pleistocene and Holocene faunal associations in Australia. *Alcheringa* 7, 125–149. (P) IF = 1

Janis, C.M., Buttrill, K. and Figueirido, B. 2014. Locomotion in extinct giant kangaroos: were Sthenurines hop-less monsters? *PLoS One* 9, e109888. (F) IF = 4

Macken, A.C. and Reed E.H. 2013. Late Quaternary small mammal faunas of the Naracoorte Caves World Heritage Area. *Transactions of the Royal Society of South Australia* 137, 53–67. (S) IF = 0.5


Macken, A.C., Staff, R.A. and Reed, E.H. 2013b. Bayesian age-depth modelling of Late Quaternary deposits from Wet and Blanche caves, Naracoorte, South Australia: a framework for comparative faunal analyses. *Quaternary Geochronology* 17, 26–43. (D) IF = 3.4


Merrilees, D. 1964. Two species of the extinct genus *Sthenurus* Owen (Marsupialia, Macropodidae) from south-eastern Australia, including *Sthenurus gilli* sp. nov. *Journal of the Royal Society of Western Australia* 48, 22–32. (T) No IF


Murray, P.F. 1978. Late Cenozoic monotreme anteaters. *Australian Zoologist* 20, 29–55. (T) IF = 0.9


Pate, F.D., McDowell, M.C., Wells, R.T. and Smith, A.M. 2002. Last recorded evidence for megafauna at Wet Cave, Naracoorte, South Australia 45,000 years ago. *Australian Archaeology* 54, 53–55. (D) No IF

Pate, F.D., McDowell, M.C., Wells, R.T. and Smith, A.M. 2006. Additional AMS radiocarbon dates for Wet Cave and the timing of megafaunal extinctions in the Naracoorte region of South Australia. *Alcheringa Special Issue* 1, 277–279. (D) IF = 1


Reed, E.H. and Bourne, S.J. 2009. Pleistocene fossil vertebrate sites of the south east region of South Australia II. *Transactions of the Royal Society of South Australia* **133**, 30–40. (S) IF = 0.5


Smith, M.J. 1971. Small fossil vertebrates from Victoria Cave, Naracoorte, South Australia. I. Potoroinae (Macropodidae), Petauridae and Burramyidae (Marsupialia). *Transactions of the Royal Society of South Australia* **95**, 185–198. (P) IF = 0.5

Smith, M.J. 1972. Small fossil vertebrates from Victoria Cave, Naracoorte South Australia II. Peramelidae, Thylacinidae and Dasyuridae (Marsupialia). *Transactions of the Royal Society of South Australia* **96**, 125–137. (P) IF = 0.5


Tyler, M.J. 1977. Pleistocene frogs from caves at Naracoorte, South Australia. Transactions of the Royal Society of South Australia **101**, 85–89. (T) IF = 0.5


Wells, R.T., and Nicol, B. 1977. On the manus and pes of Thylacoleo carnifex Owen (Marsupialia). Transactions of the Royal Society of South Australia **101**, 139–146. (F) IF = 0.5


**Theses and unpublished reports**

Adnams-Hodgets, W.A.J. 1988. A partial reconstruction of the musculature and habits of an extinct browsing kangaroo (*Sthenurus occidentalis*). BSc (Hons) Thesis, Flinders University of South Australia. (F)

Brown, S.P. 1998. A geological and palaeontological examination of the Pleistocene Cathedral Cave fossil accumulation, Naracoorte, South Australia. BSc (Hons) Thesis, Flinders University of South Australia. (P)


Gill, R.L. 1996. The application of uranium-series disequilibrium dating to utilise fossil bones as palaeo-environmental indicators in the Naracoorte Caves, South Australia. BSc (Hons) Thesis, Flinders University, South Australia. (D)

Gresham, R. 2000. A palaeontological investigation of the Uranium-series dated deposit in Grant Hall chamber, Naracoorte Caves, South Australia. BSc (Hons) Thesis, Flinders University, South Australia. (P)

Jackson, T.A. 1993. A palaeoecological analysis of the small mammal fauna from Victoria Fossil Cave, Naracoorte, South Australia. BSc (Hons) Thesis. Flinders University, South Australia. (P)

Laslett, T.M. 2006. A palaeoecological study of a Quaternary vertebrate fossil deposit in Blanche Cave, Naracoorte, South Australia. BSc (Hons) Thesis, Flinders University, South Australia. (P)

Macken, A.C. 2009. Palaeoecological investigation of the Grant Hall fossil deposit, Victoria Fossil Cave, Naracoorte, South Australia. BSc (Hons) Thesis. Flinders University, South Australia, Australia. (P)

Macken, A.C. 2013. Natural variation in south-eastern South Australian small mammal communities through the Late Quaternary. PhD Thesis, Flinders University, South Australia. (P)

McCluskey, C. 2012. Cave sediments as palaeoenvironmental indicators: Alexandra Cave, Naracoorte, South Australia. BSc (Hons) Thesis. Australian National University, Australian Capital Territory. (D)

McDowell, M.C. 2001. The analysis of Late Quaternary fossil mammal faunas from Robertson Cave (5U17, 18, 19) and Wet Cave (5U10, 11) in the Naracoorte World Heritage Area, South Australia. M.Sc. Thesis, Flinders University, South Australia. (P)

Parker, E. 2005. Morphological analysis of rodent limb bone proportions to aid in identification of postcranial elements in Quaternary fossil deposits. BSc (Hons) Thesis. Flinders University, South Australia. (T)

Prideaux, G.J. 1991. Functional morphology of the masticatory system of five extinct sthenurine kangaroo species (Macropodidae: Diprotodontia). BSc (Hons) Thesis, Flinders University, South Australia. (F)


Rennie, J. 2001. Palaeoclimatic Interpretation of a high resolution stable isotope record of a Naracoorte speleothem, South Australia. BSc Honours Thesis, Flinders University, South Australia. (PC)

Sargent, G.M. 1993. Phylogenetic analysis of extinct and extant diprotodontian marsupials using DNA sequencing. BSc (Hons) Thesis. Flinders University, South Australia. (T)

Turner, L. 1999. Investigation of the genus Macropus (Marsupialia: Macropodidae) from the Victoria Fossil Cave deposit, Naracoorte. BSc (Hons) Thesis, Flinders University, South Australia. (T)

Woods, J.E. 1858. South Australian Geology No. 3: The Caves at Mosquito Plains. The South Australian Register, March 29th 1858.


Books and book chapters


