

# Great Artesian Basin and Great Artesian Basin Springs Bibliography

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Government of South Australia  
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## Introduction

The Great Artesian Basin lies under one third of the landmass of the continent of Australia. It is the most significant body of fresh water in Australia and as such is of extreme importance ecologically, geologically and economically. Befitting the importance of the Great Artesian Basin (GAB) there exists a large body of literature relating to this topic. Much of this literature is “grey literature” and difficult to obtain. The term grey literature refers to unpublished reports, manuscripts and theses etc. It is also often difficult to access literature through existing databases as most of them are subject specific (i.e. Biological Abstracts, GeoRef). Previous attempts have been made to document GAB literature but they have been limited in their scope. The Mound Spring Researchers Forum published a mound spring bibliography that was updated after each meeting, however it was primarily focused on biological literature. The Great Artesian Basin Consultative Council (GABCC) funded the development of a web based bibliography that while useful in concept did not capture much of the available literature. The purpose of this bibliography is to capture as much of the available GAB literature as is possible and to present it in a searchable database on a DVD. We also intend to include PDF reprints of as many unpublished reports as we can (copyright issues not withstanding). Presented here is the current bibliography, it is expected that the number of references included will grow further as more references come to light.

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ABARE, AGSO, and BRS. (1996). *Lake Eyre basin: An economic and resource profile of the South Australian portion*. Report Number 96.1. ABARE Research Report, Canberra.

Acworth, R. I., and Timms, W. A. (2003). Hydrogeological investigation of mud-mound springs developed over a weathered basalt aquifer on the Liverpool Plains, New South Wales, Australia. *Hydrogeology Journal*. **11**: pp 659-672.

Adams, M. (2004). *An assessment of the genetic affinities of the Hardyheads in the Willochra Catchment*. Unpublished Report. Prepared by South Australian Museum for Rangelands INRM, Adelaide.

Adlam, R., and Kuang, K. S. (1988). *An investigation of structures controlling discharge of spring waters in the south western Great Artesian Basin*. Report Book. Report Number 88/4. Department of Mines and Energy South Australia, Adelaide.

Ah Chee, D. (2002). Kwatye, Indigenous peoples connection with kwatye (water) in the Great Artesian Basin. *Environment SA*. **9**: pp 20-21.

Airey, P., Bentley, H., Davis, S., Phillips, F., and Elmore, D. (1983a).  $^{36}\text{Cl}$  investigation of the Great Artesian Basin, Australia. *EOS, Transactions of the American Geophysics Union*. **64**: p 466.

Airey, P. L., Bentley, H., Calf, G. E., Davis, S. N., Elmore, D., Gove, H., Habermehl, M. A., Phillips, F., Smith, J., and Torgersen, T. (1983b). Isotope hydrology of the Great Artesian Basin, Australia. In, *Papers of the International conference on groundwater and Man; Volume 1, The investigation and assessment of groundwater resources*. Australian Water Resources Council, Canberra. pp 1-11.

Airey, P. L., Calf, G. E., Campbell, B. L., Hartley, P. E., Roman, D., and Habermehl, M. A. (1979). Aspects of the isotope hydrology of the Great Artesian Basin, Australia. In, *Proceedings of the International symposium on isotope hydrology 1978; Volume 1*. International Atomic Energy Agency, Vienna, International. pp 205-219

Airey, P. L., Calf, G. E., Hartley, P. E., and Roman, D. (1980). Aspects of the isotope hydrology of two sandstone aquifers in arid Australia. In J. C. Fontes, editor, *Arid-zone hydrology; investigations with isotope techniques*. International Atomic Energy Agency, Vienna, Austria. pp 93-111

Alcock, C. R., editor. (1985). *Alien and weedy plants*. Nature Conservation Society of South Australia Inc, Adelaide.

Adlam, R., and Kuang, K. S. (1989). An investigation of structures controlling natural discharge of artesian waters in the southwestern Great Artesian Basin. *Quarterly Geological Notes - Geological Survey of South Australia*. **109**: pp 2-9.

- Alexandrov, G. A. (1988). A spatially distributed model of raised bog relief. In W. J. Mitsch, M. Straskraba, and S. E. Jorgenson, editors, *Wetland Modelling, Developments in Environmental Modelling, No 12*. Elsevier, Amsterdam, New York
- Allchurch, P. D., Wopfner, H., Harris, W. K., and McGowran, B. (1973). *Cootanoorina No. 1 Well*. Report of Investigations. Report Number 40. South Australian Department of Mines and Energy, Geological Survey, Adelaide.
- Allen, R. J. (1976). Surat Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria
- Ambrose, G. J., Flint, R. B., and Webb, A. W. (1981). Precambrian and Palaeozoic geology of the Peake and Denison ranges. *Bulletin of the Geological Survey of South Australia*. **50**: p 71.
- Andrews, H., and Leys, M. (1984). Geophysical well logging. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney. pp 241-265
- Andrews, J. N., and Fontes, J. (1993a). Comment on "Chlorine 36 Dating of Very Old Groundwater, 3, Further Results on the Great Artesian Basin, Australia" by Torgersen et al. *Water Resources Research*. **29**.
- Andrews, J. N., and Fontes, J. C. (1993b). Chlorine 36 dating of very old groundwater; 3, Further results on the Great Artesian Basin, Australia; discussion and reply. *Water Resources Research*. **29**: pp 1871-1877.
- Andrews, K. T., and Patel, B. K. C. (1996). *Fervidobacterium gondwanense* sp. nov., a new thermophilic anaerobic bacterium isolated from nonvolcanically heated geothermal waters of the Great Artesian Basin of Australia. *International Journal of Systematic Bacteriology*. **46**: pp 265-269.
- Andrews, K. T., Patel, B. K. C., and Clarke, F. M. (1998). Fgol, a type II restriction endonuclease from the thermoanaerobe *Fervidobacterium gondwanense* AB39T. *Anaerobe*. **4**: pp 227-232.
- Anon. (1970). *A proposal to establish a National Park at Dalhousie Springs*. Unidentified Document. From the files of the Nature Conservation Society of South Australia, Adelaide.
- Anon. (1995). Strangways Springs: a place rich in history. *State Heritage Newsletter*. **7**.
- Anon. (2005). SA Minesite worth up to \$90m a year. in *The Advertiser*, Adelaide. Issue Date 16th February.

Anon. (undated). *Pipe the bores - Conserve the Great Artesian Basin and improve land management*. Publicity Brochure. Queensland Department of Primary Industry & Queensland Department of Lands, Brisbane.

Arditto, P. A. (1983). Mineral-groundwater interactions and the formation of authigenic kaolinite within the southeastern intake beds of the Great Australian (Artesian) Basin, New South Wales, Australia. *Sedimentary Geology*. **35**: pp 249-261.

Armstrong, D. (1991). Water and mining in the arid zone (Abstracts; Arid zone water conference). *BMR Journal of Australian Geology and Geophysics*. **12**: pp 266-267.

Artesian Water. *Report on the 3rd Interstate Conference on Artesian Water, (year unknown)*. Report on Proceedings. South Australian Government Printer, Adelaide.

Artesian Water. (1913). *Report on the Interstate Conference on Artesian Water, 1912*. Report of Proceedings. New South Wales Government Printer, Sydney.

Artesian Water. (1914). *Report on the 2nd Interstate Conference on Artesian Water, 1914*. Report of Proceedings. Queensland Government Printer, Brisbane.

Artesian Water. (1925). *Report on the 4th Interstate Conference on Artesian Water, 1924*. Report of Proceedings. West Australian Government Printer, Perth.

Artesian Water. (1929). *Report on the 5th Interstate Conference on Artesian Water, 1928*. Report of Proceedings. New South Wales Government Printer, Sydney.

Artesian Water Investigation Committee. (1954). *Artesian water supplies in Queensland*. Majority Report. Department of the Co-ordinator General of Public Works, Brisbane.

Ashley, G. M., Goman, M., Hover, V. C., Owen, R. B., Renaut, R. W., and Muasya, A. M. (2002). Artesian blister wetlands, a perennial water resource in the semi-arid rift valley of East Africa. *Wetlands*. **22**: pp 686-695.

Auchincloss, G. (1976). Adavale Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 309-315

Audibert, M., and Wilson, S. H. (1975). Notes from "Hydrological study of the Great Artesian Basin". *Newsletter of the New Zealand Geochemical Group*. **40**: pp 65-66.

Australian Nature Conservation Agency. (1996). *A directory of important wetlands in Australia*, 2nd edition. Australian Nature Conservation Agency, Canberra.

Babbage, B. H. (1858). *Northern explorations. Reports from Messrs Babbage and Warburton, and Police Trooper Burt, on exploration into the north and north-western interior of South Australia*. South Australian Parliamentary Paper. Report Number 151/1858. Adelaide.

- Badman, F. J. (1979). Birds of the Southern and Western Lake Eyre Drainage. *South Australian Ornithologist*. **28**: pp 29-81.
- Badman, F. J. (1987). *Boredrains and the birds of inland South Australia. A study of the relationships of boredrains to native bird populations in the far-north of South Australia*. Nature Conservation Society of South Australia, Adelaide.
- Badman, F. J. (1989). *The Birds of Middle and Lower Cooper Creek in South Australia*. Nature Conservation Society of South Australia, Adelaide.
- Badman, F. J. (1999). The Vegetation of the Lake Eyre South Catchment. In W. J. H. Slater, editor, *The Lake Eyre South Monograph Series*. Royal Geographical Society of Australia of South Australia Inc, Adelaide. pp 1-225
- Badman, F. J. (2000). Aboriginal Occupation of Mound Springs in the Lake Eyre South Area. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide. pp 3-13.
- Badman, F. J., Arnold, B. K., and Bell, S. L. (1991). *A natural history of the Lake Eyre Region: A visitors guide*. NPWS Northern Consultative Committee, Pt Augusta.
- Baillie, J., and Goombridge, B. (1996). *1996 IUCN red list of threatened animals*. IUCN, Gland, Switzerland.
- Baker, S. (1995). An obituary for Priscilla. *Environment South Australia*. **4**: pp 22-23.
- Ball, L. C. (1918). A mound spring at Crystalbrook. *Queensland Government Mining Journal*. **19**: pp 508-509.
- Banks, M. R. (1978). Correlation chart for the Triassic system of Australia. *Bulletin - Australia, Bureau of Mineral Resources, Geology and Geophysics*. **156c**: p 39.
- Barclay, H. V. (1907). *Explorations in Central Australia. Unpublished manuscript*. State Library of South Australia, Archival Collection, Microfilm, D7438(L).
- Bartholomai, A. (1969). The lower Cretaceous elopoid fish *Pachyrhizodus marathonensis* (Etheridge Jnr.). In K. S. W. Campbell, editor, *Stratigraphy and palaeontology; essays in honour of Dorothy Hill*. Australian National University Press, Canberra, Australia. pp 249-263
- Bartholomai, A. (1985). *Kronosaurus queenslandicus* Longman, 1930; the giant fish lizard. In V. Rich Pat, G. F. van Tets, and F. Knight, editors, *Kadimakara; extinct vertebrates of Australia*. Pioneer Design Studio, Lilydale, Victoria, Australia. pp 147-151
- Battersby, D. G. (1976). Cooper Basin gas and oil fields. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3*,



*Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 321-368

Bayly, I. A. E., and Williams, W. D. (1973). *Inland Waters and their Ecology*. Longman, Australia.

Bell, C. J. E., Finlayson, B. L., and Kershaw, A. P. (1989). Pollen Analysis And Dynamics Of A Peat Deposit In Carnarvon National Park Central Queensland Australia. *Australian Journal of Ecology*. **14**: pp 449-456.

Bembrick, C. S. (1976). Coonamble Embayment. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 303-305

Bennett, S. (1998). Witjira - a place of healing. *Ranger*. **43**: pp 24-25.

Benstead, W. L. (1976). Mimosa Syncline area (Surat Basin and underlying Bowen Basin) petroleum fields. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 273-279

Bentley, H. W., Phillips, F. M., Davis, S. N., Habermehl, M. A., Airey, P. L., Calf, G. E., Elmore, D., Gove, H. E., and Torgersen, T. (1986). Chlorine 36 Dating of Very Old Groundwater 1. The Great Artesian Basin, Australia. *Water Resources Research*. **22**: pp 1991-2001.

Berry, K. A., and Armstrong, D. (1996). Eromanga basin water supply development for Olympic Dam operations. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 60-66

Bethke, C. M., Zhao, X., and Torgersen, T. (1999). Groundwater flow and the <sup>4</sup>He distribution in the Great Artesian Basin of Australia. *Journal of Geophysical Research-Solid Earth*. **104**: pp 12999-13011.

Beyerle, U., Aeschbach, H. W., Peeters, F., and Kipfer, R. (2000). Accumulation rates of radiogenic noble gases and noble gas temperatures deduced from the Great Artesian Basin, Australia. In J. D. Woodhead, J. M. Hergt, and W. P. Noble, editors, *Beyond 2000; new frontiers in isotope geoscience (incorporating ACOG 4); abstracts and proceedings*. University of Melbourne. Parkville, Victoria, Australia. 2000.

Bierwirth, P. N., and Welsh, W. D. (2000). *Delineation of recharge beds in the Great Artesian Basin using airborne gamma-radiometrics and satellite remote sensing*. Pages: 34. 2000.

- Bird, J. R., Davie, R. F., Chivas, A. R., Fifield, L. K., and Ophel, T. R. (1991). Chlorine-36 production and distribution in Australia. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 1991. 84(1-4), pp 299-307.
- Black, R. E., and Woolard, C. A. (1985). Measurement of flows from the mound springs of the Great Artesian Basin. In J. D. Lawson and E. M. Laurenson, editors, *21st Congress, International Association for Hydraulic Research: Theme A; Subsurface flow, pollutant transport, and salinity*. Institution of Engineers, Australia, Melbourne. pp 89-95.
- Bleys, A., Cohen, B., Stone, M., and Tunstill, S. (1990). *Petroleum exploration in environmentally sensitive areas: Dalhousie Springs, SA, a case study*. Unpublished report for South Australian Department of Environment and Planning, South Australian Department of Mines and Energy and Santos Limited, Adelaide.
- Blick, R. (1997). Managing rangelands better by managing artesian water. In C. Copeland and D. Lewis, editors, *Saving Our Natural Environment: the role of science in managing Australia's ecosystems*. Halstead Press, Sydney. pp 229-245
- Boucaut, J. M., Dunstan, N. C., Krieg, G. W., and Smith, P. C. (1986). *The Geology and Hydrogeology of the Dalhousie Springs, Witjira National Park*. Report Book. Report Number 83/13. South Australian Department of Mines and Energy, Adelaide.
- Boucaut, W. R., and Beal, J. C. (1977). *Great Artesian Basin in South Australia: The Importance of Rehabilitation of Uncontrolled Flowing Wells*. Report Number Report Book No. 77/109. Department of Mines and Energy South Australia, mound spring.
- Bowering, O. J. W. (1982). Hydrodynamics and hydrocarbon migration; a model for the Eromanga Basin. In P. N. Jamieson, editor, *Technical papers, 1982 APEA conference*. Australian Petroleum Exploration Association, Sydney, N.S.W., Australia. pp 227-236
- Boyd, W. E. (1990a). Mound Springs. In M. J. Tyler, C. R. Twidale, M. Davies, and C. B. Wells, editors, *Natural History of the North East Deserts*. Royal Society of South Australia, Adelaide. pp 107-118
- Boyd, W. E. (1990b). Quaternary pollen analysis in the arid zone of Australia: Dalhousie springs, Central Australia. *Review of Palaeobotany and Palyn.* **64**: pp 331-341.
- Boyd, W. E. (1994). Quaternary pollen analysis in the arid zone of Australia: Further results from Dalhousie springs, central Australia. *Australian Geographic Studies*. **32**: pp 274-280.
- Brady, G. S. (1886). Notes on the freshwater Entomostraca from South Australia. *Proceedings of the Zoological Society, London*. **54**: pp 82-93.
- Brake, L. (1998). Assessment of environmental and productive GAB flows. In N. D.P., editor, *Proceedings of the Second Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

- Brake, L. A., and Williams, A. (2000). Comparative Valuation Of Great Artesian Basin Flows. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heratige and Aboriginal Affairs, Adelaide. pp 29-31.
- Brookes, I. A. (1993). Geomorphology and Quaternary Geology of the Dakhla Oasis Region, Egypt. *Quaternary Science Reviews*. **12**: pp 529-552.
- Broughton, P. L. (1979). Economic geology of Australian gemstone deposits. *Minerals Science and Engineering*. **11**: pp 3-20.
- Brown, D. S. (2001). Freshwater snails of the genus *Gyraulus* (Planorbidae) in Australia: taxa of the mainland. *Molluscan Research*. **21**: pp 17-107.
- Brown, E. T. (2003). Water for a sustainable minerals industry. *Mining Environmental Management*. **11**: pp 6-8, 10.
- Brown, H. Y. L. (1892). *Government geologists report on country in the neighbourhood of Lake Eyre*. South Australian Parliamentary Paper. Report Number 141/1892. Adelaide.
- Brown, H. Y. L. (1894). *Report on the geology of the country along the route from Strangways Springs to Wilgena, and on the gold discovery near Wigena*. South Australian Parliamentary Paper. Report Number 25/1894. Adelaide.
- Bryan, S., Constantine, A., Stephens, C., Ewart, T., Schon, R., and Parianos, J. (1996). The Whitsunday volcanic province (central Queensland) and the Otway/ Gippsland basins (Victoria); a comparison of Early Cretaceous rift-related volcano-sedimentary successions. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 124-133
- Bryan, S. E., Constantine, A. E., Stephens, C. J., Ewart, A., and Parianos, J. (1997a). Comparison of Early Cretaceous volcano-sedimentary successions along the eastern Australian continental margin; implications for the break-up of eastern Gondwana. In T. Bernecker, editor, *Advances in sedimentology; abstracts*. Geological Society of Australia, Sydney, N.S.W., Australia. p 3
- Bryan, S. E., Constantine, A. E., Stephens, C. J., Ewart, A., Schon, R. W., and Parianos, J. (1997b). Early Cretaceous volcano-sedimentary successions along the eastern Australian continental margin: implications for the break-up of eastern Gondwana. *Earth and Planetary Science Letters*. **153**: pp 85-102.
- Bureau of Mineral Resources, and Geology and Geophysics Petroleum Exploration Branch. (1965). *Summary of data and results, Great Artesian Basin, Queensland and South Australia, Alton Downs gravity survey, Birdsville-Lake Frome gravity survey of Delhi Australian Petroleum Ltd*. Publications of the Bureau of Mineral Resources, Geology and Geophysics. Bureau of Mineral Resources, Geology and Geophysics, Canberra, A.C.T., Australia.

Bureau of Mineral Resources, and Geology and Geophysics Petroleum Exploration Branch. (1966). Summary of data and results, Great Artesian Basin, South Australia, Delhi-Santos Gidgealpa No. 2 and No. 3 wells, of Delhi Australian Petroleum Ltd and Santos Limited. *Publications of the Bureau of Mineral Resources, Geology and Geophysics*. **74**: p 25.

Burger, D. (1973). Spore zonation and sedimentary history of the Neocomian, Great Artesian Basin, Queensland. In, *Mesozoic and Cainozoic Palynology; Essays in Honour of Isabel Cookson; stratigraphic, palaeoecological, and palaeobotanical aspects of spore-pollen floras*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 87-118

Burger, D. (1976). Some early Cretaceous plant microfossils from Queensland. *Bulletin - Australia, Bureau of Mineral Resources, Geology and Geophysics*. **160**: pp 1-22.

Burger, D. (1986). Palynology, cyclic sedimentation, and palaeoenvironments in the Late Mesozoic of the Eromanga Basin. In D. Gravestock, P. S. Moore, and G. M. Pitt, editors, *Contributions to the geology and hydrocarbon potential of the Eromanga Basin*. Geological Society of Australia, Special Publication 12, Sydney. pp 53-70

Burger, D. (1990). Early Cretaceous angiosperms from Queensland, Australia. *Review of Palaeobotany and Palynology*. **65**: pp 153-163.

Burgess, I. R. (1984). Carpentaria Basin; a regional analysis with reference to hydrocarbon potential. In C. R. Bardon, editor, *Innovation in exploration*. Australian Petroleum Exploration Association, Sydney, N.S.W., Australia. pp 7-18

Butcher, R. J. (1999). Assessing biodiversity in temporary and permanent wetlands. In W. Ponder and D. Lunney, editors, *The Other 99%: The Conservation and Biodiversity of Invertebrates*. Transactions of the Royal Zoological Society of New South Wales, Sydney. pp 50-53

Byers, H. K., Patel, B., and Stackerbrandt, E. (1997). Design and application of four oligonucleotide probes specific for *Thermus* species. *Systematic and Applied Microbiology*. 1997; **20**(2): 248-254.

Byers, H. K., Stackerbrandt, E., Hayward, C., and Blackall, L. L. (1998). Molecular investigation of a microbial mat associated with the Great Artesian basin. *Fems Microbiology Ecology*. **25**: pp 391-403.

Byrnes, J. G. (1984). Sedimentology of the Cretaceous marine sequence in the Eromanga Basin. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 125-142

Calf, G. E. (1978). An investigation of recharge to the Namoi Valley aquifers using environmental isotopes. *Australian Journal of Soil Research*. **16**: pp 197-207.

Calf, G. E., and Habermehl, M. A. (1983). Isotope hydrology and hydrochemistry of the Great Artesian Basin, Australia. In, *Isotope hydrology 1983*. International Atomic Energy Agency, Vienna, International. pp 397-413.

Callen, R. A., and Nanson, G. C. (1992). Discussion - formation and age of dunes in the Lake Eyre depocentres. *Geologische Rundschau*. **81**: pp 589-593.

Cameron, J. C. (1959). Hydrodynamics and drape folding; some considerations affecting oil and gas accumulation in Australia. *Queensland Government Mining Journal*. **60**: pp 425-426.

Cameron, J. C. (1962). Basement features in relation to sedimentation in the Great Artesian Basin.

Cameron, J. C. (1967). Australia's oil and gas potential; a review of the main sedimentary basins. *Proceedings - World Petroleum Congress / Actes et Documents - Congres Mondial du Petrole*. **2**: pp 151-160.

Canaple, J., and Smith, L. (1965). The pre-Mesozoic geology of the western Great Artesian Basin. *The APEA Journal*. **5**: pp 107-110.

Casey, J. N., and Stephenson, A. E. (1996). Putting geology into tourism; some tips and practical experiences. In M. Kennard John, editor, *Geoscience for the community; 13th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. p 79

Casperson, K. C. (1979). *Mound Springs of South Australia. Part 1, Physical features, history, biota and conservation requirements*. Report Number 20, 1-23. South Australian Dept. of Environment and Planning SADE, Adelaide.

Castro, M. C., Jambon, A., de Marsily, G., and Schlosser, P. (1998). Noble gases as natural tracers of water circulation in the Paris Basin 1. Measurements and discussion of their origin and mechanisms of vertical transport in the basin. *Water Resources Research*. **34**: pp 2443-2466.

Centre, R. S. (1996). *The impact of Natham Dam on Bogomosses and regional Hydrogeology*. Queensland Government Unpublished report.

Chant, I. J., and Hastie, L. M. (1993). A comparison of the stability of stationary and non-stationary magnetotelluric analysis methods. *Geophysical Journal International*. **115**: pp 1143-1147.

Chapman, W. S. (1914). Analyses of samples of water from bores and springs, Great Artesian Basin. In: Scientific notes on an expedition into the interior of Australia carried out by Capt. S.A. White, MBOU, from July to October, 1913, p. 472. *Transactions of the Royal Society of South Australia*. **38**: pp 407-474.

Chilton, C. (1922). A new isopod from Central Australia belonging to the Phreatoicidae. *Transactions of the Royal Society of South Australia*. **46**: pp 23-33.

Chivas, A. R., Barnes, I., Lupton, J. E., and Collerson, K. (1984). Isotopic studies of South-east Australian CO (sub 2) -rich discharges; deep sources and shallow sources. In R. A. Binns, editor, *Geoscience in the development of natural sciences, the 7th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 94-95.

Chivas, A. R., Keywood, M. D., Fifield, L. K., and Allan, G. L. (1996). Chlorine-36 in Australian rainfall and playas and the residence time of chloride in the Australian landscape. In M. Kennard John, editor, *Geoscience for the community; 13th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. p 86

Chugg, R. I. (1957). *The hydrology of the Great Artesian Basin near the Peake and Denison ranges*. Report of Investigations. Report Number 10. South Australia, Department of Mines and Energy, Geological Survey, Adelaide, South Aust., Australia.

Cobb, M. A. (1975). *Sampling and measurement of mound springs, Great Artesian Basin, South Australia, Progress Report No. 2, Marree, Curdimurka and Billa Kalina sheets*. Report Number Report Book 75/90. Department of Mines, Adelaide.

Cockshell, C. D. (1990). Geophysical investigation; southwestern Great Artesian Basin. *Mines and Energy Review - South Australia*. **157**: pp 62-67.

Colgan, D. J., and Ponder, W. F. (1994). The evolutionary consequences of restrictions in gene flow: examples from hydrobiid snails. *Nautilus Supplement*. **2**: pp 25-43.

Colgan, D. J., and Ponder, W. F. (2000). Incipient speciation in aquatic snails in an arid-zone spring complex. *Biological Journal of the Linnean Society*. **71**: pp 625-641.

Collerson, K. D., Ullman, W. J., and Torgersen, T. (1984). Sr/ Ca and Sr isotopic evolution of groundwaters from the Great Artesian Basin, Australia. In, *The Geological Society of America, 97th annual meeting (Abstracts and Program)*. Geological Society of America (GSA), Boulder, CO, United States. p 475.

Collerson, K. D., Ullman, W. J., and Torgersen, T. (1988). Ground waters with unradiogenic  $^{87}\text{Sr}/^{86}\text{Sr}$  ratios in the Great Artesian Basin, Australia. *Geology*. **16**: pp 59-63.

Collon, P., Kutschera, W., Loosli, H. H., Lehmann, B. E., Purtschert, R., Love, A., Sampson, L., Anthony, D., Cole, D., Davids, B., Morrissey, D. J., Sherril, B. M., Steiner, M., Pardo, R. C., and Paul, M. (2000).  $^{81}\text{Kr}$  in the Great Artesian Basin, Australia: a new method for dating very old groundwater. *Earth and Planetary Science Letters*. **182**: pp 103-113.

Collon, P., Kutschera, W., and Lu, Z. T. (2004). Tracing noble gas radionuclides in the environment. *Annual Review Of Nuclear And Particle Science*. **54**: pp 39-67.

- Collyer, M. L., and Stockwell, C. A. (2004). Experimental evidence for costs of parasitism for a threatened species, White Sands pupfish (*Cyprinodon tularosa*). *Journal of Animal Ecology*. **73**: pp 821-830.
- Commonwealth Scientific and Industrial Research Organisation. (2001). *Key to Families of Australian Aquatic Molluscs: Lefthanded Pond Snails, Flat-Coils and Ramshorns*. Australian Aquatic Invertebrates Lucid Web Key, Last accessed on 9/8/05 2005, at <http://www.lucidcentral.com/keys/lwrrdc/public/Aquatics/aemoll/html/about.htm>.
- Conley, D. (1984). Depth of the Curie point beneath Australia. In R. A. Binns, editor, *Geoscience in the development of natural sciences, the 7th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 109-110.
- Connolly, G. R., and Patel, B. K. C. (2002). Development of fluorescent adjacent hybridization probes and their application in real-time PCR for the simultaneous detection and identification of *Fervidobacterium* and *Caloramator*. *International Journal of Systematic and Evolutionary Microbiology*. **52**: pp 1837-1843.
- Coppin, R. J., Hall, J. M., and Milton, B. E. (1971). *Great Artesian Basin in South Australia; Bouguer gravity anomaly map*. Color gravity survey maps. 1:1,000,000. Geological Survey of South Australia, Adelaide.
- Coppin, R. J., Hall, J. M., and Milton, B. E. (1972). *Great Artesian Basin in South Australia; contours of magnetic intensity and interpreted depths to magnetic basement*. Magnetic Survey. 1:1,000,000. Geological Survey of South Australia, Adelaide.
- Cox, R., and Barron, A. (1998a). *Great Artesian Basin: Resource study*. The Great Artesian Basin Consultative Council.
- Cox, R., and Barron, A. (1998b). The nature and use of the Great Artesian Basin. In, *Outlook 98, Proceedings of the National Agriculture and Resource Outlook Conference, Canberra, 3-5 February, 1998, Commodity markets and resource management*. ABARE, Canberra. pp 117-126.
- Cramsie, J. N., and Hawke, J. M. (1984a). Introduction; Structural subdivision of the Great Australian Basin in New South Wales. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 1-22
- Cramsie, J. N., and Hawke, J. M. (1984b). Notes on economic geology. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 215-239
- Crespin, I. (1945). Some lower Cretaceous Foraminifera from bores in the great artesian basin, northern New South Wales. *Journal and Proceedings of the Royal Society of New South Wales*. **78**: pp 17-24.

- Crespin, I. (1953). Lower Cretaceous Foraminifera from the Great Artesian basin, Australia. *Contributions from the Cushman Foundation for Foraminiferal Research*. **4**: pp 26-36.
- Crespin, I. (1956). Distribution of lower Cretaceous foraminifera in bores in the great artesian basin, northern New South Wales. *Journal and Proceedings of the Royal Society of New South Wales*. **89**: pp 78-84.
- Crespin, I. (1963). *Lower Cretaceous arenaceous Foraminifera of Australia*. Bulletin - Australia, Bureau of Mineral Resources, Geology and Geophysics. Australian Geological Survey Organization, Canberra, A.C.T., Australia.
- Cresswell, R., Wischusen, J., Jacobson, G., and Fifield, K. (1999a). Assessment of recharge to groundwater systems in the arid southwestern part of Northern Territory, Australia, using chlorine-36. *Hydrogeology Journal*. **7**: pp 393-404.
- Cresswell, R. G., Jacobson, G., Wischusen, J., and Fifield, L. K. (1999b). Ancient groundwaters in the Amadeus Basin, Central Australia: evidence from the radio-isotope Cl-36. *Journal of Hydrology*. **223**: pp 212-220.
- Crettenden, P. P., Flintoft, M. W., Ewen, S. J., and Watkins, D. C. (1982). The opal industry in South Australia. *Mineral Resources Review - South Australia Department of Mines and Energy*. **151**: pp 18-29.
- Crow, H., and Walker, E. (2005). *Witjira National Park date palm removal project*. Aboriginal heritage assessment report (Confidential). Department of Aboriginal Affairs and Reconciliation, The Government of South Australia.
- Crowley, L. E. L. M., and Ivantsoff, W. (1990). A second hardyhead, Craterocephalus (Piscies: Antherinidae), from Dalhousie springs, central Australia. *Ichthyological Explorations of Freshwaters*. **1**: pp 113-122.
- CSIRO. (1999). *Media Release - Ref 1999/266: Eagle eye spying out Australia's wealth and health*. CSIRO, Last accessed on 12 June 2006 2006, at [www.csiro.au/files/mediaRelease/mr1999/Hymap.htm](http://www.csiro.au/files/mediaRelease/mr1999/Hymap.htm).
- Cull, J. P. (1985a). Geothermal energy in Australia. In C. Stone, editor, *1985 International symposium on geothermal energy; International volume*. Geothermal Resource Council, United States. pp 33-34.
- Cull, J. P. (1985b). Self-potential and current channelling. *Geophysical Prospecting*. **33**: pp 460-467.
- Cull, J. P., and Conley, D. (1983). Geothermal gradients and heat flow in Australian sedimentary basins. *BMR Journal of Australian Geology and Geophysics*. **8**: pp 329-337.



Cull, J. P., and Tucker, D. H. (1986). Telluric currents and magnetic anomalies. *Geophysical Research Letters*. **13**: pp 941-944.

Cumming, D. (2004). Plugging the Great Artesian Basin. *Australian Landcare*. **June 2004**: pp 33-36.

Davey, A. G., Davies, J., and Helman, P. M. (1985). *Mount Dare: A conservation and management appraisal of the former Mount Dare Station in relation to the proposed national park at Dalhousie Springs, far northern South Australia*. Report prepared for the South Australian National Parks and Wildlife Service. Applied Natural Resource Management, Canberra.

Davidson, M. R., and Airey, P. L. (1982). The effect of dispersion on the establishment of a paleoclimatic record from groundwater. *Journal of Hydrology*. **58**: pp 131-147.

Davies, R. J.-P. (2000a). Conservation Biology Of The Nationally Endangered Mound Spring Endemic, *Eriocaulon carsonii* (Eriocaulaceae). In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heratige and Aboriginal Affairs, Adelaide. pp 37-42.

Davies, R. J.-P. (2000b). *Population trends for threatened plant species in parks and pastoral leases in South Australia*. Unpublished Report. Biodiversity Conservation Programs, Biodiversity Branch, Department for Environment and Heritage, Adelaide.

Davies, R. J.-P. (2001). Trial regeneration burns of the nationally endangered mound spring endemic *Eriocaulon carsonii* (Eriocaulaceae). In, *Proceedings of the 4th Mound Spring Researchers Forum, 23 Feb 2001*. Department of Environment and Heritage, Adelaide

Davis, S. N. (1986). Isotopic studies of extensive aquifers. In, *Geological Society of America, 99th annual meeting*. Geological Society of America (GSA), Boulder, CO, United States. p 581.

Davis, S. N., Bentley, H. W., Phillips, F. M., and Elmore, D. (1984). Chlorine-36 research applied to arid-zone hydrology. In, *The Geological Society of America, 97th annual meeting (Abstracts and Program)*. Geological Society of America (GSA), Boulder, CO, United States. p 484.

Davis, S. N., Bentley, H. W., and Zito, R. (1983). Dating ground water; an evaluation of its use in the assessment of HLW repositories. In D. H. Alexander and G. F. Birchard, editors, *Proceedings of the U. S. Nuclear Regulatory Commission; NRC nuclear waste geochemistry '83*. U. S. Nuclear Regulatory Commission, Washington DC. pp 375-412.

Day, R. W. (1969). The lower Cretaceous of the Great Artesian Basin. In K. S. W. Campbell, editor, *Stratigraphy and palaeontology; essays in honour of Dorothy Hill*. Australian National University Press, Canberra, Australia. pp 140-173

Day, W., and Australian Water Resources Council, A. (1988). Allocation of groundwater in Queensland. In D. Woolley, editor, *Proceedings of the AWRC workshop on Groundwater allocation*. Australian Water Resources Council, Canberra, A.C.T., Australia. pp 53-57

de Caritat, P., and Kirste, D. (2004). *Teilita regolith project; groundwater geochemistry*. Open File Report. Cooperative Research Centre for Landscape Evolution and Mineral Exploration, Wembley, Western Australia.

De Deckker, P. (1979). Ostracods from the mound springs area between Strangways and Curdimurka, South Australia. *Transactions of the Royal Society of South Australia*. **103**: pp 155-168.

De Deckker, P. (1981). Taxonomy and ecological notes of some Ostracods from Australian inland waters. *Transactions of the Royal Society of South Australia*. **105**: pp 91-138.

De Deckker, P. (1986). What happened to the Australian aquatic biota 18 000 years ago? In P. DeDeckker and W. D. Williams, editors, *Limnology in Australia*. CSIRO, Melbourne and Dr W. Junk, Dordrecht. pp 487-496

Debney, G. L. (1881). Notes on the physical and geological features around Lake Eyre. *Transactions of the Royal Society of South Australia*. **4**: pp 145-146.

Delhi Australian Petroleum Ltd. (1965). Innamincka-betoota aeromagnetic survey-summary of data and results. *Publications of the Bureau of Mineral Resources, Geology and Geophysics*. **69**: pp 1-8.

Department of Environment and Planning. (1983). *Olympic Dam Project, assessment of the environmental impact*. South Australian Department of Environment and Planning, Adelaide.

Department of the Environment and Heritage. (2001). *The community of native species dependent on natural discharge of groundwater from the Great Artesian Basin*. Australian Government, Last accessed on 26th of June 2006, at <http://www.deh.gov.au/cgi-bin/sprat/public/publicshowcommunity.pl?id=26&status=Endangered>.

Dettmann, M. E. (1963). Upper Mesozoic microfloras from south- eastern Australia. *Proceedings of the Royal Society of Victoria*. **77**: pp 1-138.

Dobrinski, I. (1994). *Mound springs in South Australia: potential effects from aquifer drawdown due to mining*. Report Number Report Book No. 94/15. Dept. Mines and Energy South Australia, Adelaide.

Draper, J. J., and Jensen, A. R. (1976). The Geochemistry of Lake Frome, a playa lake in South Australia. *BMR Journal of Australian Geology and Geophysics*. **1**: pp 83-104.

Duane, M. J., and Reimold, W. U. (1989). The Simpson Desert depression; an ancient impact basin? In, *Abstracts of papers submitted to the Twentieth lunar and planetary science conference*. Lunar and Planetary Science Conference, Houston, TX, United States. pp 252-253.

Dulhunty, J. A. (1973). Origin of Ferruginous Outcrops in Jurassic Sediments of New South Wales. *Search (Sydney)*. **4**: pp 116-117.

Dulhunty, J. A. (1982). Holocene sedimentary environments in Lake Eyre, South Australia. *Journal of the Geological Society of Australia*. **29**: pp 437-442.

Durkee, E. F. (1965). Geology of the north-east margin of the Great Artesian Basin, Queensland, Australia. *The APEA Journal*. **5**: pp 179-185.

Eamus, D., and Farrer, S. L., editors. (2006). *Australian Journal of Botany Special Issue: Groundwater-Dependent Ecosystems*. **54**. CSIRO, Collingwood, Victoria.

East, J. J. (1889). On the geological structure and physical features of central Australia. *Transactions of the Royal Society of South Australia*. **7**: pp 31-53.

Eden, R. N. (1970). The Great Artesian Basin; present condition and future development. In, *Water problems in tropical Queensland*. Water Research Foundation of Australia, Kingsford, N.S.W., Australia. p 5

Eigeland, N., and Joshua, E. (1996). Managing the Great Artesian Basin. *Australian Journal of Soil and Water Conservation*. **9**: pp 21-26.

Eigeland, N. M., and Jones, M. (1993). Managing the Great Artesian Basin. In N. Chowdhury Robin and M. Sivakumar, editors, *Environmental management, geo-water and engineering aspects; proceedings of the international conference*. A.A. Balkema, Rotterdam, Netherlands. pp 425-429.

Environment Australia. (2001a). *The community of native species dependent on natural discharge of ground water from the Great Artesian Basin: recommendation to the Minister for the Environment and Heritage from the Threatened Species Scientific Committee (TSSC) on a public nomination for an ecological community listing on the Environmental Protection and Biodiversity Conservation Act 1999 (the Act)*.

Environment Australia, Last accessed on 14th February 2006, at <http://www.ea.gov.au/biodiversity/threatened/communities/gabsprings.html>.

Environment Australia. (2001b). *A directory of important wetlands in Australia*.

Environment Australia, Last accessed on 26th of June 2006, at <http://www.deh.gov.au/water/wetlands/database/directory/index.html>.

Environment Australia. (2001c). *A directory of important wetlands in Australia, third edition*. Environment Australia, Canberra.

Evans, P. A. (1996). Fluoride anomalies in aquifers of Queensland sector of the Great Artesian Basin and their significance. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 172-178.

Evans, R. (1998). Groundwater management of the Great Artesian Basin - transition from theory to practice. In, *Outlook 98, Proceedings of the National Agriculture and Resource Outlook Conference, Canberra, 3-5 February, 1998, Commodity markets and resource management*. ABARE, Canberra. pp 113-116.

Fabryka-Martin, J., Bentley, H. W., Elmore, D., and Airey, P. L. (1985). Natural iodine-129 as an environmental tracer. *Geochimica Et Cosmochimica Acta*. **49**: pp 337-347.

Fabryka-Martin, J. T. (1985). Natural iodine-129 as a ground-water tracer. *The NSS Bulletin*. **45**: p 46.

Fabryka, M. J., Bentley, H., Elmore, D., and Airey, P. (1984). Possible time-related changes of dissolved iodine-129 in old ground water. *EOS, Transactions of the American Geophysics Union*. **65**: p 886.

Fairfax, R. J., and Fensham, R. J. (2002). In the footsteps of J. Alfred Griffiths: a cataclysmic history of Great Artesian Springs in Queensland. *Australian Geographical Studies*. **40**: pp 210-230.

Fairfax, R. J., and Fensham, R. J. (2003). Great Artesian Basin Springs in southern Queensland 1911-2000. *Memoirs of the Queensland Museum*. **49**: pp 285-293.

Falkner, A. J., Fielding, C. R., and Saunders, B. J. (1988). The Ipswich and Walloon coal measures. In H. Hamilton Lloyd, editor, *Field excursions handbook for the Ninth Australian geological convention*. Geological Society of Australia, Queensland Division, Brisbane, Australia. pp 81-93

Fatchen Environmental Pty. Ltd. (1995). *Spring and Bore Vegetation in the Wangianna and Marree Spring Complexes*. Kinhill Engineers Pty Ltd, Adelaide.

Fatchen, T. J. (1998). Hard questions and harder answers: what are we managing mound springs for? In D. P. Niejalke, editor, *Proceedings of the 2nd Mound Spring Researchers Forum and Spring Management Workshop*. Mound Spring Researchers Group, Adelaide. pp 33-34.

Fatchen, T. J. (1999). *SA Government mound spring fencing: management issues, strategies and prescriptions. Discussion draft, prepared for SA Department of Environment Heritage and Aboriginal Affairs, Adelaide, September 1999*. Fatchen Environmental, Adelaide.

Fatchen, T. J. (2000a). *Mound Springs Management Planning: Management Issues, Strategies and Prescriptions for Mound Springs in Far North South Australia*. Prepared

for South Australian Department for Environment and Heritage July 2000. Fatchen Environmental, Adelaide.

Fatchen, T. J. (2000b). A Regional Management Plan For Mound Springs. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide. pp 32-36.

Fatchen, T. J. (2001). Vegetated Wetland Area as an Index of Mound Spring Flows. In, *Proceedings of the 4th Mound Springs Researchers Forum, Adelaide, 2001*. Department of Environment and Heritage South Australia, Adelaide.

Fatchen, T. J., and Associates. (1983). *Analytical description of mound spring vegetation in the Hermit Hill region, South Australia. Report prepared for Roxby Management Services*. TJ Fatchen & Associates, Adelaide.

Fatchen, T. J., and Fatchen, D. H. (1993). *Dynamics of Vegetation on Mound Springs in the Hermit Hill Region, Northern South Australia*. Prepared for WMC (Olympic Dam Operations) Pty Ltd July 1993. TJ Fatchen & Associates, Adelaide.

Fatchen, T. J., and Fatchen, D. H. (1998). *Olympic Dam Corporation mound spring vegetation monitoring 1998 General report. Consultant's report to WMC (Olympic Dam Corporation)*. Consultant's report to WMC (Olympic Dam Corporation). Fatchen Environmental Pty Ltd, Adelaide.

Fensham, R. J. (1998). Mound springs in the Dawson River valley, Queensland. Vegetation-environment relations and the consequence of a proposed impoundment on botanical values. *Pacific Conservation Biology*. **4**: pp 42-54.

Fensham, R. J. (2000). Water of life: the natural springs of the Great Artesian Basin. *Wildlife Australia*: pp 12-14.

Fensham, R. J., and Fairfax, R. J. (2002). *Springs of Queensland - distribution and assesment*. Database (available on CD). Queensland Herbarium and Environmental Protection Agency, Brisbane.

Fensham, R. J., and Fairfax, R. J. (2003). Spring Wetlands of the Great Artesian Basin, Queensland, Australia. *Wetlands Ecology and Management*. **11**: pp 343-362.

Fensham, R. J., Fairfax, R. J., Pocknee, D., and Kelley, J. (2004a). Vegetation patterns of permanent spring wetlands of arid Australia. *Australian Journal Of Botany*. **52**: pp 719-728.

Fensham, R. J., Fairfax, R. J., and Ponder, W. F. (2005). *Recovery plan for 'The community of native species dependent on natural discharge of groundwater from the Great Artesian Basin'*. 2006-2010. Draft Report for Stakeholder Comment. Australian Government, Canberra.

Fensham, R. J., Fairfax, R. J., and Sharpe, P. R. (2004b). Spring wetlands in seasonally arid Queensland: floristics, environmental relations, classification and conservation values. *Australian Journal Of Botany*. **52**: pp 583-595.

Fensham, R. J., and Price, R. J. (2004). Ranking spring wetlands in the Great Artesian Basin of Australia using endemism and isolation of plant species. *Biological Conservation*. **119**: pp 41-50.

Fensham, R. J., and Wilson, B. A. (1997). *Bogomosses in the Dawson River Valley, Queensland*. Qld. Department of Natural Resources Report, Brisbane.

Ferguson, D. (1985). The mound springs: lens on a looming tragedy for Australia's desert lands. *Habitat Australia*. **13**: pp 32-33.

Fernandezmontraveta, C., Lahozbeltra, R., and Ortega, J. (1991). Spatial-Distribution of *Lycosa-Tarentula-Fasciiventris* (Araneae, Lycosidae) in a Population from Central Spain. *Journal of Arachnology*. **19**: pp 73-79.

Fielding, C. R. (1988). Sedimentary environments of the Middle Jurassic Walloon Coal Measures in the Rosewood-Walloon Coalfield, Southeast Queensland. In R. Allen, editor, *Achievements in Australian geoscience*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 135-136

Fielding, C. R., Gray, A. R. G., Harris, G. I., and Salomon, J. A. (1990). The Bowen Basin and overlying Surat Basin. In D. M. Finlayson, editor, *The Eromanga-Brisbane geoscience transect; a guide to basin development across Phanerozoic Australia in southern Queensland*. Australian Geological Survey Organization, Canberra, A.C.T., Australia. pp 105-116

Fincke, T., Tiling, K., Paul, R., and Linzen, B. (1986). Relations between respiration and circulation in the tarantula, *Eurypelma californicum*. In B. Linzen, editor, *Invertebrate Oxygen Carriers*. Springer-Verlag, Berlin, Heidelberg. pp 327-331

Firman, J. B. (1970). Late Cainozoic Stratigraphic Units in the Great Artesian Basin, South Australia. *Quarterly Geological Notes - South Australia, Geological Survey*. **36**: pp 1-4.

Flood, P. G. (1983). Tectonic setting and development of the Bowen Basin. In J. B. Waterhouse, editor, *Permian of the Biloela-Moura-Cracow area*. Adam Advertising, Australia. pp 7-21

Florek, S. M. (1987). The archaeological variability of mound springs sites at Lake Eyre South, South Australia: work in progress. *Australian Archaeology*. **24**: pp 27-31.

Florek, S. M. (1993). *Archaeology of the Mound Spring Campsites Near Lake Eyre in South Australia*. Unpublished PhD Thesis. School of Archaeology, The University of Sydney, Sydney.

Foerstner, U. (1977). Mineralogy and geochemistry of sediments in arid lakes of Australia. *Geologische Rundschau*. **66**: pp 146-156.

Fontes, J. C., and Andrews, J. N. (1993). Reinterpretation of  $^{36}\text{Cl}$  data; physical processes, hydraulic interconnections and age estimates in groundwater systems; discussion. *Applied Geochemistry*. **8**: pp 663-666.

Forbes, B. G. (1958). *A survey of mound springs between Marree and Strangways Springs*. Report Number Report Book 47/164. Department of Mines, South Australia, Adelaide.

Forbes, B. G. (1961). Boring on mound springs near Coward Springs. *Mining Review of South Australia*. **111**: pp 145-149.

Forbes, B. G. (1966a). Features of Palaeozoic tectonism in South Australia. *Transactions of the Royal Society of South Australia*. **90**: pp 45-56.

Forbes, B. G. (1966b). *The geology of the Marree 1:250,000 map area*. Report of Investigations. Report Number 28. Department of Mines and Energy, Geological Survey, Adelaide.

Forbes, B. G. (1986). Margin of the Eromanga Basin, South Australia: a review. In D. Gravestock, P. S. Moore, and G. M. Pitt, editors, *Contributions to geology and hydrocarbon potential of the Eromanga Basin*. Geological Society of Australia, Special Publications 12, Sydney. pp 85-95

Forkasiewicz, J. (1982). Grand bassin artésien australien. *Bulletin du Bureau de Recherches Géologiques et Minières. Section 3: Hydrologie, Géologie de l'Ingenieur*. **2**: pp 197-212.

Framenau, V. W., Gotch, T. B., and Austin, A. D. (In Press). The wolf spiders of Artesian Springs and bore drains in South Australia, with a revalidation of *Tetrallycosa Roewer, 1960* (Araneae, Lycosidae). *Journal of Arachnology*.

Framenau, V. W., and Vink, C. J. (2001). Revision of the wolf spider genus *Venatrix* Roewer (Araneae: Lycosidae). *Invertebrate Taxonomy*. **15**: pp 927-970.

Freebairn, J. (2003). Principles for the allocation of scarce water. *Australian Economic Review*. **36**: pp 203-212.

Freeman, R. N. (1963). Highlights of recent developments in the central and western areas of the Great Artesian Basin. *The APEA Journal*. **3**: pp 29-34.

Freeman, R. N. (1964). Oil exploration in the western Great Artesian Basin. *Proceedings - Australasian Institute of Mining and Metallurgy*. **211**: pp 85-114.

Freeman, R. N. (1966). The Lake Frome Embayment area. *The APEA Journal*. **6**: pp 93-99.

GABCC. (1998a). *Draft Great Artesian Basin strategic management plan*. Great Artesian Basin Consultative Council, Fortitude Valley, Queensland.

GABCC. (1998b). *Great Artesian Basin resource study*. Great Artesian Basin Consultative Council, Fortitude Valley, Queensland.

Gerges, N. Z. (1984). The Stuart Highway; a case study in groundwater supplies in an arid environment. In R. A. Binns, editor, *Geoscience in the development of natural sciences, the 7th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 182-184.

Ghassemi, F., Jacobson, G., and Jakeman, A. J. (1991). Major Australian aquifers; potential climatic change impacts. *Water International*. **16**: pp 38-44.

Giblin, A. M. (1987). Applications of groundwater geochemistry to genetic theories and exploration methods for early Tertiary sediment-hosted uranium deposits in Australia. In B. Poty and M. Pagel, editors, *Concentration mechanisms of uranium in geological environments*. Elsevier, Amsterdam-New York, Netherlands. pp 165-186

Glover, C. J. M. (1970). *The taxonomy and biology of Chamydogobius eremius (Zeitz, 1896)*. Unpublished M.Sc. Thesis, The University of Adelaide, Adelaide.

Glover, C. J. M. (1973). Adaptations of a central Australian gobiid fish. *Bulletin of the Australian Society of Limnology*. **5**: p 38268.

Glover, C. J. M. (1979). Studies on central Australian fishes: further observations and records, Part 1. *South Australian Naturalist*. **53**: pp 58-62.

Glover, C. J. M. (1982). Adaptations of fishes in arid Australia. In W. R. Barker and P. J. M. Greenslade, editors, *Evolution of the Flora and Fauna of arid Australia*. Peacock Publications, Adelaide

Glover, C. J. M. (1989). Aquatic Fauna. In C. W. Bonython and A. S. Fraser, editors, *The great filling of Lake eyre in 1974*. Royal Geographical Society of Australasia, Adelaide. pp 94-96

Glover, C. J. M. (1990). Fishes. In M. J. Tyler, C. R. Twidale, M. Davies, and C. B. Wells, editors, *Natural History of the North East Deserts*. Royal Society of South Australia, Adelaide

Glover, C. J. M., and Inglis, W. G. (1971). Freshwater fish of South Australia. *South Australian Yearbook*. **1**: pp 27-34.

Glover, C. J. M., and Sim, T. C. (1978a). Studies on central Australian fishes: A progress report. *South Australian Naturalist*. **52**: pp 35-39.

Glover, C. J. M., and Sim, T. C. (1978b). A Survey of Central Australian Ichthyology. *The Australian Zoologist*. **19**: pp 245-256.



Golubev, S. M., and Panteleyev, I. Y. (1976). Bol'shoy Sakharskiy artezianskiy basseyn i yego gidrogeologicheskoye rayonirovaniye v predelakh alzhira. In K. V. Nikiforova, I. K. Ivanova, I. I. Krasnov, I. M. Khoreva, M. Sergeev Ye, F. V. Kotlov, I. S. Komarov, V. D. Lomtadze, V. S. Shibakova, V. N. Kunin, V. V. Ivanov, V. S. Kovalevskiy, A. A. Konoplyantsev, L. Minkin Ye, and N. A. Ogil vi, editors, *Geologiya chetvertichnogo perioda; inzhenernaya geologiya; problemy gidrogeologii aridnoy zony*. Izd. Nauka, Moscow. pp 344-352

Gotch, T. B. GAB and Spring Distribution Map. in.

Gotch, T. B. (2000). *Wolf spider assemblages in the mound springs and bore drains of South Australia*. Unpublished B. EM (Honours) Thesis. Department of Applied and Molecular Ecology, The University of Adelaide, Adelaide.

Gotch, T. B. (2001). Wolf spider assemblages of the mound springs and bore drains of South Australia. In, *4th Mound Springs Researchers Forum*. Department of Environment and Heritage South Australia, Adelaide. pp 46-54.

Gotch, T. B. (2005). *Checklist of significant species associated with GAB Springs in South Australia*. prepared for Dr Rod Fensham and the National GAB Spring Recovery Program, Adelaide.

Gotch, T. B., Framenau, V. W., and Austin, A. D. (2003). The wolf spiders of the South Australian Mound Springs: their identity revealed (Abstract Only). In, *34th Australian Entomological Society and the 6th Invertebrate Biodiversity and Conservation Combined Conference Program and Abstracts*. Australian Entomological Society, Hobart, Tasmania. p 97.

Gotch, T. B., Noack, D. H., and Axford, G. B. (2005). Feral tree invasions of desert springs. In, *9th ISAAC National Conference*. International Society of Arborists and Arboriculturalists, Launceston, Tasmania. pp 1-22.

Goyder, G. W. (1860). *Mr Goyder's report on northern triangulation. Dispatch to Hon Surveyor General from Chambers Creek, 17 September 1860*. Report Number No. 177/1860. South Australian Parliamentary Paper, Adelaide.

Graham, S. (1998). An assessment of the effects of reduced flow on the invertebrate fauna of the Hermit Hill spring complex. In N. D.P, editor, *Proceedings to the 2nd Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Gravestock, D., Griffiths, M., and Hill, A. (1983). The Hutton Sandstone; two separate reservoirs in the Eromanga Basin, South Australia. In B. R. Griffith, editor, *Developing for the future*. Australian Petroleum Exploration Association, Sydney, N.S.W., Australia. pp 109-119

Green, J. H., Harris, J., Neuhaus, J. W. G., Sewell, D. K. B., and Watson, M. (1965). University of New South Wales radiocarbon dates I. *Radiocarbon*. **7**: pp 162-165.

Greenslade, J., Joseph, L., and Reeves, A., editors. (1985). *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide.

Greenslade, P. (1985). Terrestrial Invertebrates of the mound spring bores, creek beds and other habitats. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. pp 64-77

Greenslade, P. J. M. (1994). *Australian Heritage Commission, nomination for the register of the national estate. Neales River Spring complex, west of Lake Eyre*.

Griffin, R. J. (1963). *The underground water resources of New South Wales*. Geological Survey of New South Wales, Geological Survey Report. New South Wales Department of Mines, Sydney, Australia.

Groves, R. D. (1976). Roma Shelf petroleum fields. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 280-302

Habermehl, H. A., Ransley, T., McNee, A., and van der Voort, A. (2004). *Improved management and protection of endangered groundwater dependent ecosystems within the Great Artesian Basin, Australia*. Report on the pilot Project. Bureau of Rural Sciences for Environment Australia, Canberra.

Habermehl, M. A. (1980). The Great Artesian Basin, Australia. *BMR Journal of Australian Geology and Geophysics*. **5**: pp 9-38.

Habermehl, M. A. (1982a). The Eromanga Basin within the Great Artesian Basin. In P. S. Moore and T. J. Mount, editors, *Eromanga Basin symposium; summary papers*. Petroleum Exploration Society of Australia, Adelaide. pp 384-397.

Habermehl, M. A. (1982b). *Investigations of the geology and hydrology of the Great Artesian Basin 1878-1980*. Report Book. Report Number 234. Australian Geological Survey Organisation, Canberra.

Habermehl, M. A. (1982c). *Springs in the Great Artesian Basin, Australia; their origin and nature*. Report Book. Report Number 235. Australian Geological Survey Organisation, Canberra.

Habermehl, M. A. (1983a). Hydrogeology and hydrochemistry of the Great Artesian Basin, Australia. In, *Papers of the International conference on groundwater and man; Volume 3, Groundwater and development*. Australian Water Resources Council, Canberra. pp 83-98.

Habermehl, M. A. (1983b). Hydrogeology of the Great Artesian Basin. In C. R. Lawrence, M. A. Habermehl, and M. V. Walker, editors, *Project No 184*,

*Palaeohydrology of low-latitude deserts; Australian meeting.* International Geological Correlation Programme, Canberra. pp 26-31

Habermehl, M. A. (1984a). Hydrochemistry of the Great Artesian Basin. In R. A. Binns, editor, *Geoscience in the development of natural sciences, the 7th Australian geological convention.* Geological Society of Australia, Sydney, N.S.W., Australia. p 204.

Habermehl, M. A. (1984b). Hydrogeology and development of groundwater resources of the Great Artesian Basin. In R. A. Binns, editor, *Geoscience in the development of natural sciences, the 7th Australian geological convention.* Geological Society of Australia, Sydney, N.S.W., Australia. pp 204-205.

Habermehl, M. A. (1986a). The Great Artesian Basin; a groundwater resource. In C. D. Branch, editor, *Proceedings of the Eighth Australian geological convention; Geological Society of Australia; Earth resources in time and space.* Geological Society of Australia, Sydney, N.S.W., Australia. p 91.

Habermehl, M. A. (1986b). Mound spring deposits of the Great Artesian Basin. In C. D. Branch, editor, *Proceedings of the Eighth Australian geological convention; Geological Society of Australia; Earth resources in time and space.* Geological Society of Australia, Sydney, N.S.W., Australia. p 90.

Habermehl, M. A. (1986c). Mound spring deposits of the Great Artesian Basin, Australia. In, *Sediments down-under; 12th international sedimentological congress.* Bureau of Mineral Resources, Geology and Geophysics, Canberra, Australia. pp 128-129.

Habermehl, M. A. (1986d). Regional groundwater movement, hydrochemistry and hydrocarbon migration in the Eromanga Basin (Australia). In D. Gravestock, P. S. Moore, and G. M. Pitt, editors, *Contributions to the geology and hydrocarbon potential of the Eromanga Basin.* Geological Society of Australia, Special Publications 12, Sydney. pp 353-376

Habermehl, M. A. (1987). The Great Artesian Basin; its groundwater development and natural and artificial discharge. In Australian Water Resources Council, editor, *Proceedings of the International Conference on Groundwater Systems under Stress Brisbane, Australia, 11 to 16 May 1986.* Australian Government Publishing Service, Canberra. pp 127-129

Habermehl, M. A. (1989). Hydrogeology of the Great Artesian Basin, Australia. In, *Twenty-eighth international geological congress; abstracts.* International Geological Congress, Washington, DC, United States. pp 2.2-2.3.

Habermehl, M. A. (1998a). Geology, hydrogeology, isotope hydrology and age dating of springs and spring deposits in the southwestern (South Australian) part of the Great Artesian Basin. In N. D.P, editor, *Proceedings to the 2nd Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998.* Mound Spring Researchers Group, Adelaide.

Habermehl, M. A. (1998b). Hydrogeology, hydrochemistry, isotope hydrology and age dating of springs and spring deposits in the southwestern (South Australian) part of the Great Artesian Basin. In D. Niejalke, editor, *Proceedings of the 2nd Mound Spring Researchers Forum and Spring Management Workshop, 24 November 1998*. Mound Spring Researchers Group, Adelaide.

Habermehl, M. A. (2000a). Great Artesian Basin Springs, Inventory And Assessment. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide. pp 14-16.

Habermehl, M. A. (2000b). Hydrogeology and environmental geology of the Great Artesian Basin, Australia. In C. G. Skilbeck and C. T. Hubble Thomas, editors, *Understanding planet Earth; searching for a sustainable future; on the starting blocks of the third millennium; abstracts*. Geological Society of Australia. Sydney, N.S.W., Australia. 2000.

Habermehl, M. A. (2001a). Hydrogeology and environmental geology of the Great Artesian Basin, Australia. In V. A. Gostin, editor, *Gondwana to greenhouse; Australian environmental geoscience*. Geological Society of Australia. Sydney, N.S.W., Australia. 2001.

Habermehl, M. A. (2001b). *Wire-line logged waterbores in the Great Artesian Basin*. AGSO Bulletin. 2001. Australian Geological Survey Organisation, Canberra, A.C.T., Australia.

Habermehl, M. A., and Lau, J. E. (1997a). *Hydrogeology of the Great Artesian Basin, Australia*. Australian Geological Survey Organisation, Department of Primary Industries and Energy, Canberra, Australia.

Habermehl, M. A., and Lau, J. E. (1997b). *Hydrogeology of the Great Artesian Basin, Australia (Map at scale 1: 2 500 000)*. Australian Geological Survey Organisation, Canberra.

Habermehl, M. A., Lau, J. E., MacKenzie, D. E., and Wellman, P. (1996). Sources of fluoride in groundwater in North Queensland, Australia. In M. Kennard John, editor, *Geoscience for the community; 13th Australian geological convention*. Geological Society of Australia, Sydney, N.S.W., Australia. p 176

Habermehl, M. A., and Morrissey, J. A. (1983). *Index of geophysical well logs acquired by BMR from waterwells in the Great Artesian Basin 1960-1975 (Australia)*. Report Book. Report Number 241. Australian Bureau of Mineral Resources, Canberra.

Habermehl, M. A., and Prescott, J. R. (2002). Artesian springs of the Great Artesian Basin and their ages. In V. P. Preiss, editor, *Geoscience 2002; expanding horizons; abstracts of the 16th Australian geological convention*. Geological Society of Australia. Sydney, N.S.W., Australia. 2002.

- Habermehl, R. (1996). Groundwater movement and hydrochemistry of the Great Artesian Basin, Australia. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 228-236
- Habermehl, R., and Pestov, I. (2002). Geothermal resources of the Great Artesian Basin, Australia. *Quarterly Bulletin - Oregon Institute of Technology. Geo-Heat Center*. **23**: pp 20-26.
- Hall, J. M., and Townsend, I. J. (1971). Helicopter Gravity Survey of Areas Marginal to the Western Great Artesian Basin. *Mineral Resources Review - South Australia Department of Mines and Energy*. **130**: pp 70-79.
- Hammer, M. (2002). Natural habitat, spawning and rearing of the Dalhousie Catfish. *Fishes of Sahul*. **16**: pp 820-827.
- Hammer, M. P., and Walker, K. F. (2004). A catalogue of South Australian freshwater fishes, including new records, range extensions and translocations. *Transactions of the Royal Society of South Australia*. **128**: pp 85-97.
- Hannington, P. (1993). *Environmental change during the recent geological past at Dalhousie Springs - Central Australia*. Lismore.
- Harrington, H. J., Brakel, A. T., and Hunt, J. H. (1984). Permian coal basins of eastern Australia and their tectonics. In, *Solid fuel mineral deposits*. V.N.U. Science Press BV, Utrecht, Netherlands. pp 153-155
- Harrington, H. J., and Korsch, R. J. (1985). Deformation associated with the accretion of the Gympie Terrane in eastern Australia. In E. C. Leitch and E. Scheibner, editors, *Third Circum-Pacific terrane conference; extended abstracts*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 104-108.
- Harris, C. R. (1981). Oases in the desert: the mound springs of northern South Australia, The Presidential Address, 1981. *Proceedings of the Royal Geographic Society of Australia (South Australian Branch)*. **81**: pp 26-39.
- Harris, C. R. (1985a). The mound springs of South Australia, a postscript to the 1978 survey. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. p 94
- Harris, C. R. (1985b). South Australia's mound springs: some introductory notes. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. pp 1-2
- Harris, C. R. (1992). Mound springs: South Australian conservation initiatives. *Rangelands Journal*. **14**: pp 157-173.
- Harris, H. I., and Mott, W. D. (1960). Australia's oil hunt in the Great Artesian Basin. *World Petroleum*. **31**: pp 40-42.

Harris, W. K. (1970). An Upper Jurassic microflora from the western margin of the Great Artesian Basin, South Australia. *Quarterly Geological Notes - South Australia, Geological Survey*. **35**: pp 3-8.

Harrison, J., and Higginbotham, G. T. (1966). Delhi-Santos Gidgealpa No. 1 well, South Australia, of Delhi Australian Petroleum Ltd. and Santos Limited. *Publications of the Bureau of Mineral Resources, Geology and Geophysics*. **73**: p 127.

Harvey, M. S. (1990). A review of the water mite family Anisitsiellidae in Australia (Acarina). *Invertebrate Taxonomy*. **3**: pp 629-646.

Haskell, T. R. (1970). Dinoflagellate species *Dingodinium cerviculum*, *Odontochitina operculata* and *Muderongia tetracantha* in lower Cretaceous strata of the Great Artesian Basin, Australia. *Proceedings of the Royal Society of Queensland*. **81**: pp 57-67.

Hawke, J. M. (1984). Geophysical surveys. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 267-284

Hawke, J. M., and Bourke, D. J. (1984). Stratigraphy. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 23-124

Hawke, J. M., Bourke, D. J., Cramsie, J. N., and Macnevin, A. A. (1975). Great Artesian Basin. In N. L. Markham and H. Basden, editors, *The Mineral Deposits of New South Wales*. Dept. of Mines, Geological Survey of New South Wales, Sydney. pp 513-537

Hawke, J. M., and Cramsie, J. N. (1984). *Contributions to the geology of the Great Australian Basin in New South Wales*. Bulletin - Geological Survey of New South Wales. Geological Survey of New South Wales, Sydney, N.S.W., Australia.

Hawlder, H. M. (1990a). Diagenesis and reservoir potential of volcanogenic sandstones - Cretaceous of the Surat basin, Australia. *Sedimentary Geology*. **1990**. **66**: pp 181-195.

Hawlder, H. M. (1990b). Diagenesis and reservoir potential of volcanogenic sandstones; Cretaceous of the Surat Basin, Queensland, Australia. In, *Fifth Circum-Pacific energy and mineral resources conference; abstracts*. American Association of Petroleum Geologists, Tulsa, OK, United States. p 977.

Haworth, R. J., and Ollier, C. D. (1992). Continental rifting and drainage reversal: the Clarence River of eastern Australia. *Earth Surface Processes and Landforms*. **1992**. **17**(4), pp 387-397.

Hazel, C. P. (1991a). Great Artesian Basin rehabilitation program. In G. Jacobson, editor, *Abstracts; Arid zone water conference*. Australian Geological Survey Organization, Canberra, A.C.T., Australia. pp 271-273

- Hazel, C. P. (1991b). Great Artesian Basin rehabilitation program. *BMR. Journal of Australian Geology and Geophysics*. **12**: pp 271-273.
- Henderson, R. A. (1988). Albian-Cenomanian biogeography of Australasian ammonites; a Mid-Cretaceous first fleet and its palaeoceanographic interpretation. In R. Allen, editor, *Achievements in Australian geoscience*. Geological Society of Australia, Sydney, N.S.W., Australia. p 185
- Henderson, R. A. (1998). Eustatic and palaeoenvironmental assessment of the mid-Cretaceous Bathurst Island Group of the Money Shoals Platform, northern Australia. *Palaeogeography Palaeoclimatology Palaeoecology*. **138**: pp 115-138.
- Henderson, R. A. (2002). Living on the edge; palaeoecology of a Mid-Cretaceous black shale fauna from the Toolebuc Formation, Eromanga Basin, Queensland. In A. Brock Glenn and A. Talent John, editors, *First international palaeontological congress; abstracts*. Geological Society of Australia. Sydney, N.S.W., Australia. 2002.
- Henderson, R. A. (2004). A mid-cretaceous association of shell beds and organic rich shale: Bivalve exploitation of nutrient-rich anoxic sea-floor environment. *Palaios*. **19**: pp 156-169.
- Henderson, R. A., and McKenzie, E. D. (2002). Idanoceras, a new heteromorph ammonite genus from the Late Albian of eastern Australia. *Journal of Paleontology*. **76**: pp 906-909.
- Hercus, L., and Sutton, P. (1985). *The assessment of aboriginal cultural significance of mound springs in South Australia*. Prepared for Kinhill-Stearns, Adelaide.
- Herczeg, A. L., Torgersen, T., Chivas, A. R., and Habermehl, M. A. (1991). Geochemistry of Ground Waters from the Great Artesian Basin, Australia. *Journal of Hydrology*. **126**: pp 225-245.
- Herczeg, A. L., Torgersen, T., Chivas, A. R., and Habermehl, M. A. (1987). Geochemical evolution of groundwaters from the Great Artesian Basin, Australia. *EOS, Transactions of the American Geophysics Union*. **68**: pp 1275-1276.
- Herczeg, A. L., Torgersen, T., Habermehl, M. A., and Chivas, A. R. (1988). Geochemical evolution of groundwaters from the Great Artesian Basin, Australia. In R. Allen, editor, *Achievements in Australian geoscience*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 186-187
- Hernandez-Eugenio, G., Fardeau, M. L., Cayol, J. C., Patel, B. K. C., Thomas, P., Macarie, H., Garcia, J. L., and Ollivier, B. (2002). *Sporanaerobacter acetigenes* gen. nov., sp nov., a novel acetogenic, facultatively sulfur-reducing bacterium. *International Journal of Systematic and Evolutionary Microbiology*. **52**: pp 1217-1223.
- Heyl, G. R., and Thomas, N. M. (1964). Relationships of geothermal gradients to geological features in the Great Artesian Basin, Australia. In, *Proceedings of the*

*International Geological Congress, India*. International Geological Congress, India. pp 137-145.

Hillier, J. (1996a). *The Great Artesian Basin management of water resources after 100 years of development*. Report Number No. 43. Geol. Soc. of Aust. Extended Abstracts.

Hillier, J. (1996b). The Great Artesian Basin; management of the water resources after 100 years of development. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 251-255

Hillier, J. R. (1991). Monitoring the performance of the Great Artesian Basin. In, *Proceedings of the International Conference on Groundwater in Large Sedimentary Basins, Perth 1990*. *Australian Water Resources Conference Series*, 20. pp 226-235

Hills, E. S. (1964). *Water resources, use and management; proceedings of a symposium held at Canberra by the Australian Academy of Science, 9-13 September 1963*. Australian Academy of Science, Canberra.

Hind, M., Dulhunty, J. A., Beddoes, L. R., and Stafford, P. T. (1966). Stratigraphic problems on the edge of the Great Artesian basin [Australia]. *Journal and Proceedings of the Royal Society of New South Wales*. **98**: p 190.

Hind, M. C., and Helby, R. J. (1969). The Great Artesian Basin in New South Wales. *Journal of the Geology Society of Australia: The geology of New South Wales*. **16**: pp 481-497.

Hogetoorn, D. J. (1967). Jurassic reservoirs of the Surat Basin. *Proceedings - World Petroleum Congress / Actes et Documents - Congres Mondial du Petrole*. **2**: pp 161-170.

Holbourn, A. E. L., and Kaminski, M. A. (1995). *Saccamina crespinae*, nom. nov., a new name for *Psammospaera parva* Crespin, 1963. In A. Kaminski Michael, S. Geroch, and M. A. Gasinski, editors, *Proceedings of the fourth international workshop on Agglutinated Foraminifera*. The Grzybowski Foundation, Cracow, Poland. p 158

Holland, J. M. (1998). The effectiveness of exclusion barriers for polyphagous predatory arthropods in wheat. *Bulletin of Entomological Research*. **88**: pp 305-310.

Hollingsworth, R. J. S. (1987). Discoveries, development and future prospects; Eromanga Basin, Australia. In M. K. Horn, editor, *Transactions of the Fourth Circum-Pacific energy and mineral resources conference*. Circum-Pacific Council for Energy and Mineral Resources, Singapore. pp 143-158.

Holmes, J. W., Williams, A. F., Hall, J. W., and Henschke, C. J. (1981). Measurement of discharge from some of the mound springs in the desert of northern South Australia. *Journal of Hydrology*. **49**: pp 329-339.



Holmes, W. B. K. (1982). The Middle Triassic flora from Benolong near Dubbo, central-western New South Wales. *Alcheringa*. **6**: pp 1-33.

Hossack, B. (1992). *Oral history record for Currawinya National Park. Interviewee: Mr Bob Hossack, manager, Currawinya and Caiwarroo Stations 1947-1972. Interviewed by: Mr Frank Manthey, Ranger, QDEH, Charleville.* Unpublished Record held on DEH File. Queensland Department of Environment and Heritage, Charleville.

Hughes, P. J., and Lampert, R. J. (1985). *The assessment of aboriginal significance of mound springs in South Australia.* Prepared for Kinhill-Stearns, Adelaide.

Isaacs, K. N., Curtis, C. E., and Terry, S. A. (1965). Summary of data and results, Great Artesian Basin, Queensland and South Australia, Innamincka-Betoota aeromagnetic survey, Oodnadatta aeromagnetic survey of Delhi Australian Petroleum Ltd. *Publications of the Bureau of Mineral Resources, Geology and Geophysics*. **69**: p 19.

Ivanstovff, W., Unmack, P. J., Saeed, B., and Crowley, L. (1991). A redefined blue-eye, a new species and genus of the family Pseudomulgilidae from central western Queensland. *Fishes of Sahul*. **6**: pp 277-282.

Ivantsoff, W., and Glover, C. J. M. (1974). *Craterocephalus dalhousiensis* n.sp., a Sexually Dimorphic Freshwater Teleost (Atherinidae) from South Australia. *The Australia Zoologist*. **18**.

Jack, R. L. (1923). The composition of waters of the Great Artesian Basin in South Australia and its significance. *Transcripts of the Proceedings of the Royal Society of South Australia*. **47**: pp 316-321.

Jensen, A., Zwar, J., and Niejalke, D. (1998a). Protecting oases in the desert: responsible use of precious resources from the Great Artesian Basin. In A. J. McComb and J. A. Davis, editors, *Wetlands for the Future*. Gleneagles Publishing, Adelaide. pp 109-120

Jensen, A., Zwar, J., and Niejalke, D. (1998b). Protecting oases in the desert; responsible use of precious water resources from the Great Artesian Basin. In A. J. McComb and J. A. Davis, editors, *Wetlands for the future*. Gleneagles Publishing, Glen Osmond, South Aust., Australia. pp 109-120

Jensen, H. I. (1926). *Geological reconnaissance between Roma, Springsure, Tambo and Taroom (The Canarvon Ranges and Buckland Tablelands).* Report Number 277. Queensland Geological Survey Publication, Brisbane.

Johns, R. K., and Ludbrook, N. H. (1963). *Investigations of Lake Eyre.* Report of Investigations. Report Number 27. Geological Survey of South Australia, Adelaide.

Johnston, T. H. (1943). Aboriginal names and the utilization of the fauna in the Eyrean region. *Transactions of the Royal Society of South Australia*. **55**: pp 244-311.

Kanso, S., Greene, A. C., and Patel, B. K. C. (2002). *Bacillus subterraneus* sp nov., an iron- and manganese-reducing bacterium from a deep subsurface Australian thermal aquifer. *International Journal of Systematic and Evolutionary Microbiology*. **52**: pp 869-874.

Kanso, S., and Patel, B. K. C. (2003). *Microvirga subterranea* gen. nov., sp nov., a moderate thermophile from a deep subsurface Australian thermal aquifer. *International Journal of Systematic and Evolutionary Microbiology*. **53**: pp 401-406.

Kanso, S., and Patel, B. K. C. (2004). *Phenylobacterium lituiforme* sp nov., a moderately thermophilic bacterium from a subsurface aquifer, and emended description of the genus *Phenylobacterium*. *International Journal of Systematic and Evolutionary Microbiology*. **54**: pp 2141-2146.

Keeling, J. L. (1980). Opal mining in Australia. In J. T. Woodcock, editor, *Mining and metallurgical practices in Australasia*. Australasian Institute of Mining and Metallurgy, Melbourne, Victoria, Australia. pp 721-724

Kellett, J. R., Evans, W. R., Allan, G. L., and Fifield, L. K. (1993). Reinterpretation of <sup>36</sup>Cl data; physical processes, hydraulic interconnections and age estimates in groundwater systems; discussion. *Applied Geochemistry*. **8**: pp 653-661.

Kemp, J., Ogilvie, C., and Whitehouse, F. W. (1954). *Artesian water supplies in Queensland; report following first interim report (1945) of the committee appointed by the Queensland government to investigate certain aspects relating to the great artesian basin (Queensland portion) with particular reference to the problem of diminishing supply*.

Kemp, J. R., and Whitehouse, F. W. (1945). *Artesian water supplies; first interim report of committee appointed by Queensland Government to investigate certain aspects relating to the Great Artesian Basin (Queensland section) with particular reference to the problem of diminishing supply*. Interim report. Queensland State Government, Brisbane.

Kendrick, P. (2000). *Exotic palm control at Millstream-Chichester National Park*. Unpublished interim management guidelines. National Parks Nature Conservation Authority, Perth.

Ker, D. S. (1963). *Hydrology of the Great Artesian Basin in South Australia - A preliminary report*. Unpublished Report. Report Number RB 57/52. South Australian Department of Mines, Adelaide.

Kerr, R. C., and Turner, J. S. (1996). Crystallization and gravitationally controlled ponding during the formation of mound springs, terraces, and "black smoker" flanges. *Journal of Geophysical Research-Solid Earth*. **101**: pp 25125-25137.

Kimber, R., Smith, W., and Lowe, B. B. (1986). Journey to Dalhousie Springs. *This Australia*. **5**: pp 40-46.

Kingsford, R. T., and Halse, S. A. (1998). Waterbirds as the "flagship" for the conservation of arid zone wetlands? In A. J. McComb and J. A. Davis, editors, *Wetlands for the Future*. Gleneagles Publishing, Adelaide. pp 139-160

Kinhill-Stearns Roger. (1982). *Olympic Dam project. Draft Environmental Impact Statement*. Prepared by Kinhill-Stearns Roger Joint Venture, Adelaide.

Kinhill Engineers Pty. Ltd. (1995). *Survey and assessment report: Supplementary environmental studies, Borefield B Development*. Kinhill Engineers Pty. Ltd.

Kinhill Engineers Pty. Ltd. (1997). *Olympic Dam Expansion Project environmental impact statement. Produced for WMC (Olympic Dam Corporation)*. Kinhill Engineers Pty. Ltd.

Kinhill Stearns. (1983). *Olympic Dam project. Supplement to the Draft Environmental Impact Statement*. Prepared by Kinhill Stearns for Roxby Management Services, Adelaide.

Kinhill Stearns. (1984a). *Assessment of exploration and post-European settlement significance of the mound springs of South Australia*. Prepared for Donovan and Associates, Adelaide.

Kinhill Stearns. (1984b). *Olympic Dam Project supplementary environmental studies: mound springs*. Prepared for Roxby Management Services Pty Ltd, Adelaide.

Kinhill Stearns. (1984c). *Olympic Dam project. Supplementary Environmental Studies: mound springs*. Prepared by Kinhill Stearns for Roxby Management Services, Adelaide.

Kinhill Stearns. (1985). *The assessment of aboriginal archaeological significance of mound springs in South Australia*. Mound Springs Heratige Survey. Prepared for South Australian Department of Environment and Planning, Adelaide.

Kinhill Stearns. (1986a). *Data Sheets for European Settlement Assessment of South Australian Mound Springs. Volume 1*. Data Sheets. Prepared for the Department of Environment and Planning, Adelaide.

Kinhill Stearns. (1986b). *Data Sheets for European Settlement Assessment of South Australian Mound Springs. Volume 2*. Data Sheets. Prepared for the Department of Environment and Planning, Adelaide.

Knight, M. J., Saunders, B. J., Williams, R. M., and Hillier, J. (1989). Geologically induced salinity at Yelarbon, Border Rivers area, New South Wales, Queensland. In C. M. Brown, editor, *Papers from Murray Basin 88; geology, groundwater and salinity management conference*. Australian Geological Survey Organization, Canberra, A.C.T., Australia. pp 355-362.

Kodric-Brown, A., and Brown, J. H. (1993a). Highly structured fish communities in Australian desert springs. *Ecology*. **74**: pp 1847-1855.

Kodric-Brown, A., and Brown, J. H. (1993b). Incomplete data sets in community ecology and biogeography: a cautionary tail. *Ecological Applications*. **3**: pp 736-742.

Krieg, G. W. (1973). Helicopter Geological Survey of the Western Great Artesian Basin, 1971. *Mineral Resources Review - South Australia Department of Mines and Energy*. **135**: pp 124-145.

Krieg, G. W. (1978). *Dalhousie Springs*. File No. FN.5. Geological Society of Australia, South Australian Division, Adelaide.

Krieg, G. W. (1985). *Dalhousie, South Australia*. 1:250 000 Geological Series - Sheet SA/53-11, Explanatory Notes. Geological Survey of South Australia, Adelaide.

Krieg, G. W. (1989). Geology. In W. Zeidler and W. F. Ponder, editors, *Natural History of Dalhousie Springs*. South Australian Museum, Adelaide. pp 19-26

Krieg, G. W. (2000). The geology and landscape. In W. J. H. Slaytor, editor, *Lake Eyre South, Monograph Series Volume 5*. Royal Geographical Society of South Australia Inc, Adelaide. pp 1-34

Krieg, G. W., Callen, R. A., Gravestock, D. I., and Gatehouse, C. G. (1990). Geology. In M. J. Tyler, C. R. Twidale, M. Davies, and C. B. Wells, editors, *Natural History of the North East Deserts*. Royal Society of South Australia, Adelaide. pp 1-26

Krommelbein, K. (1975). Ostracoden aus der Kreide des Great Artesian Basin, Queensland, Australien. *Senckenbergiana Lethaea*. **55**: pp 455-483.

Krommelbein, K. (1976). The tribus Majungaellini (Ostracoda, Cyprideinae?). In H. Loeffler, editor, *International symposium on ecology and zoogeography of Recent and fossil Ostracoda; programme, abstracts, list of participants*. Facultas-Verlag, Vienna. p 50

Kulongoski, J. T., Hilton, D. R., and Izbicki, J. A. (2003). Helium isotope studies in the Mojave Desert, California: implications for groundwater chronology and regional seismicity. *Chemical Geology*. **202**: pp 95-113.

Laing, A. C. M., and Toth, J. (1996). Hydraulic continuity in large sedimentary basins; discussion and reply. *Hydrogeology Journal*. **4**: pp 96-98.

Lamb, K.-J. (1998a). Spiders and grazing in mound springs. In N. D.P, editor, *Proceedings to the 2nd Mound Springs Researchers Forum and Spring Management Workshop Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Lamb, K. J. (1998b). *Cattle grazing impacts on mound spring spider communities (Arachnida: Araneae)*. Unpublished BSc (Honours) Thesis, Flinders University, Adelaide.

- Lambert, G., and Scheibnerova, V. (1974). Albian foraminifera of Zululand (South Africa) and Great Artesian Basin (Australia). *Micropaleontology*. **20**: pp 76-96.
- Lamers, L. P. M., Farhoush, C., van Groenendael, J. M., and Roelofs, J. G. M. (1999). Calcareous groundwater raises bogs; the concept of ombiotrophy revisited. *Journal of Ecology*. **87**: pp 639-648.
- Lampert, R. (1985). Archaeological reconnaissance on a field trip to Dalhousie Springs. *Australian Archaeology*. **21**: pp 57-62.
- Langford, S. T., editor. (1978). *Silcrete in Australia*. Department of Geography, University of New England, Armidale, NSW.
- Langford, S. T. (1983). New perspectives on the Australian deserts. *Australian Geographer*. **15**: pp 269-284.
- Larson, H. (1995). A review of the Australian endemi gobiid fish genus *Chlamydogobius*, with description of five new species. *The Beagle*. **12**: pp 19-51.
- Lehmann, B. E. (2001). Counting radioactive noble gas atoms: lasers, accelerators or decay counters? *AIP Conference Proceedings*: pp 52-8.
- Lehmann, B. E., Love, A., Purtschert, R., Collon, P., Loosli, H. H., Kutschera, W., Beyerle, U., Aeschbach-Hertig, W., Kipfer, R., Frape, S. K., Herczeg, A., Moran, J., Tolstikhin, I. N., and Groning, M. (2003a). A comparison of groundwater dating with Kr-81, Cl-36 and He-4 in four wells of the Great Artesian Basin, Australia. *Earth and Planetary Science Letters*. **211**: pp 237-250.
- Lehmann, B. E., Love, A., Purtschert, R., Collon, P., Loosli, H. H., Kutschera, W., Beyerle, U., Aeschbach, H. W., Kipfer, R., Frape, S. K., Herczeg, A., Moran, J., Tolstikhin, I. N., and Groening, M. (2003b). A comparison of groundwater dating with <sup>81</sup>Kr, <sup>36</sup>Cl and <sup>4</sup>He in four wells of the Great Artesian Basin, Australia. *Earth and Planetary Science Letters*. **211**: pp 237-250.
- Lehmann, B. E., Purtschert, R., Loosli, H. H., Love, A., Collon, P., Kutschera, W., Beyerle, U., Aeschbach, H. W., Kipfer, R., and Frape, S. K. (2002). <sup>81</sup>Kr-calibration of <sup>36</sup>Cl- and <sup>4</sup>He-evolution in the western Great Artesian Basin, Australia. In, *Abstracts of the 12th annual V. M. Goldschmidt conference*. Pergamon. Oxford, International. 2002.
- Leidescher, T., and Linzen, B. (1986). Detection of conformational changes in tarantula (*Eurypelma californicum*) hemocyanin by means of fluorescent probes. In B. Linzen, editor, *Invertebrate Oxygen Carriers*. Springer-Verlag, Berlin, Heidelberg. pp 425-428
- Leigh, J., Bowden, R., and Briggs, J. (1984). *Extinct and endangered plants of Australia*. Macmillan, Melbourne.
- Levington, K. R. (1959). Spring Deposit, Saxby Downs. *Queensland Government Mining Journal*. **60**: pp 717-719.

Lewis, J. (1899). *Unpublished letters to Essington Lewis*. Collection of private letters. Royal Geographic Society of Australia (South Australian Branch) Library, State Library of South Australia, Adelaide.

Lewis, J. W. (1875a). *Journal of Mr Lewis's Lake Eyre expedition, 1874-5*. South Australian Parliamentary Paper. Report Number 19/1875. Adelaide.

Lewis, J. W. (1875b). *Report on the Lake Eyre expeditions*. South Australian Parliamentary Paper. Report Number 114/1875. Adelaide.

Lewis, S. (2001). Department for Environment and Heritage mound springs protection program. In L. Halliday, editor, *Proceedings of the 4th Mound Springs Researchers Forum, Adelaide*. Department for Environment and Heritage, Adelaide. pp 28-30.

Lewis, S., Dickens, G. R., Henderson, R., and Coxhell, S. (2002). Sedimentology and geochemistry of the Julia Creek vanadium deposit, Toolebuc Formation (Albian), Great Artesian Basin. In V. P. Preiss, editor, *Geoscience 2002; expanding horizons; abstracts of the 16th Australian geological convention*. Geological Society of Australia. Sydney, N.S.W., Australia. 2002.

Liebenberg, P. J., and Zaid, A. (2002). Date Palm Irrigation. In A. Zaid, editor, *Date Palm Cultivation: FAO Plant Production and Protection Papers, 156 Rev. 1*. Food and Agriculture Organisation of the United Nations (FAO), Rome. pp 131-144

Lippmann, J., Stute, M., Torgersen, T., Moser, D. P., Hall, J. A., Lin, L., Borcsik, M., Bellamy, R. E. S., and Onstott, T. C. (2003). Dating ultra-deep mine waters with noble gases and Cl-36, Witwatersrand Basin, South Africa. *Geochimica Et Cosmochimica Acta*. **67**: pp 4597-4619.

Love, A. J., Herczeg, A. L., Sampson, L., Cresswell, R. G., and Fifield, L. K. (2000a). Sources of chloride and implications for <sup>36</sup>Cl dating of old groundwater, southwestern Great Artesian Basin, Australia. *Water Resources Research*. **36**: pp 1561-1574.

Love, A. J., Herczeg, A. L., Sampson, L., Cresswell, R. G., and Fifield, L. K. (2000b). Sources of chloride and implications for Cl-36 dating of old groundwater, southwestern Great Artesian Basin, Australia. *Water Resources Research*. **36**: pp 1561-1574.

Love, C. A., Love, A., Patel, B. K. C., Nichols, P. D., and Stackebrandt, E. (1993a). *Desulfotomaculum australicum*, a thermophilic sulfate-reducing bacterium isolated from the Great Artesian Basin of Australia. *Systematic and Applied Microbiology*. **16**: pp 244-251.

Love, C. A., Love, A., Patel, B. K. C., Nichols, P. D., and Stackebrandt, E. (1993b). *Desulfotomaculum australicum*, Sp-Nov, a Thermophilic Sulfate-Reducing Bacterium Isolated from the Great-Artesian-Basin of Australia. *Systematic and Applied Microbiology*. **16**: pp 244-251.

Ludbrook, N. H. (1966). Cretaceous biostratigraphy of the Great Artesian Basin in South Australia. *Bulletin - Geological Survey of South Australia*. **40**: p 223.

Ludbrook, N. H. (1985). Trigonoididae Mollusca Bivalvia From The Cretaceous Of Lake Eyre North South Australia. *Transactions of the Royal Society of South Australia*. **109**: pp 77-82.

Lyons, C. M. (1902). Some notes on the Lake Eyre district. *Emu*. **2**: pp 133-138.

Mack, J. E., Jr., and Keller, A. S. (1965). Subsurface geology of the Crowder-Moonie area, Surat Basin, Queensland, Australia. In, *8th Commonwealth Mining and Metallurgical Congress*. Melbourne. pp 139-145.

Mackay, D. A., Whalan, M. A., and Niejalke, D. P. (1998). Thoughts on worts found on mounds. In N. D.P, editor, *Proceedings to the 2nd Mound Springs Researchers Forum and Spring Management Workshop Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Mahara, Y. (2002). Groundwater dating using dissolved helium and  $^{36}\text{Cl}/\text{Cl}$ . In, *Abstracts of the 12th annual V. M. Goldschmidt conference*. Pergamon. Oxford, International. 2002.

Marsden, S. (unknown-a). Mound Springs- Thematic history of the region and Exploration in the mound spring area, Part 1. *The Trans-Australia Explorer*. **67**: pp 8-10.

Marsden, S. (unknown-b). Mound Springs- Thematic history of the region and Exploration in the mound spring area, Part 2. *The Trans-Australia Explorer*. **68**: pp 7-8.

Marsden, S. (unknown-c). Mound Springs- Thematic history of the region and Exploration in the mound spring area, Part 3. *The Trans-Australia Explorer*. **69**: pp 8-9.

Marsden, S. (unknown-d). Mound Springs- Thematic history of the region and Exploration in the mound spring area, Part 4. *The Trans-Australia Explorer*. **70**: pp 6-8.

Marsden, S. (unknown-e). Mound Springs- Thematic history of the region and Exploration in the mound spring area, Part 5. *The Trans-Australia Explorer*. **71**: pp 8-9.

Mavroudis, D. (2001). *Downhole environmental risks associated with drilling and well completion practices in the Cooper/ Eromanga Basins*. Report Book. Department of Primary Industries and Resources South Australia, Adelaide, South Australia.

Maybury, C. A., and Whatley, R. C. (1995). On *Artesiocythere artesica* Krommelbein. *Stereo Atlas of Ostracod Shells*. **22**: pp 25-28.

Maybury, C. A., Whatley, R. C., and Ballent, S. (1995). On *Allaruella australiensis* Krommelbein. *Stereo Atlas of Ostracod Shells*. **22**: pp 29-32.

- Mazor, E. (1992). Reinterpretation of  $^{36}\text{Cl}$  data; physical processes, hydraulic interconnections and age estimates in groundwater systems. *Applied Geochemistry*. **7**: pp 351-360.
- Mazor, E. (1993a). Chlorine-36 data and basic concepts of hydrology; comment on F. M. Phillips' comment, with special reference to the Great Artesian Basin. *Applied Geochemistry*. **8**: pp 649-651.
- Mazor, E. (1993b). Some basic principles of  $^{36}\text{Cl}$  hydrology; a reply to the discussion by Kellett, Evans, Allan and Fifield. *Applied Geochemistry*. **8**: pp 659-662.
- Mazor, E. (1995). Stagnant aquifer concept; Part 1, Large-scale artesian systems; Great Artesian Basin, Australia. *Journal of Hydrology*. **173**: pp 219-240.
- Mazor, E., and Nativ, R. (1992). Hydraulic Calculation of Groundwater-Flow Velocity and Age - Examination of the Basic Premises. *Journal of Hydrology*. **138**: pp 211-222.
- Mazor, E., and Nativ, R. (1994). Stagnant groundwater stored in isolated aquifers; implications related to hydraulic calculations and isotopic dating; reply. *Journal of Hydrology*. **154**: pp 409-418.
- McBryde, I. (1982). *Report on the Archaeological Features of Some Mythological and Historic Sites in the Lake Eyre South Region*. Unpublished report prepared for Kinhill Pty. Kinhill Pty. Ltd., Adelaide.
- McElroy, C. T. (1962). The geology of the Clarence-Moreton Basin. *Memoirs of the Geological Survey of New South Wales*. **9**: p 140.
- McGowan, B. (1990). The Oodnadatta Track and the Ghan Railway. *Heritage Australia*. **9**: p 38201.
- McHenry, C. (1998). The osteology and taxonomic status of *Kronosaurus queenslandicus* Longman 1924 (Brachaucheniidae; Plesiosauria). In, *Geoscience for the new millennium; abstracts*. Geological Society of Australia, Sydney, N.S.W., Australia. p 302
- McKenzie, E. D. (1994). Validation of *Aleteceras Whitehouse* as a crioceratid coiled subgenus of *Myloceras Spath* (Ammonoidea). *Journal of Paleontology*. **68**: pp 408-410.
- McKenzie, E. D. (1998). Weird western whorlies. In, *Geoscience for the new millennium; abstracts*. Geological Society of Australia, Sydney, N.S.W., Australia. p 304
- McKenzie, E. D. (1999). A new early to middle Albian (Cretaceous) ammonite fauna from the Great Artesian Basin, Australia. *Proceedings of the Royal Society of Queensland*. **108**: pp 57-88.



- McKenzie, K. G. (1978). Ostracoda (Crustacea: Podocopida) from southern Australian salt lakes, with the description of *Reticypriis* new genus. *Transactions of the Royal Society of South Australia*. **102**: pp 175-190.
- McLaren, N., Wiltshire, D., and Lesslie, R. (1985). *Biological assessment of South Australian mound springs*. Unpublished Report. Prepared for the South Australian Department of Environment and Planning, Adelaide.
- McLean, W., and Jankowski, J. (2001). The use of trace elements and stable isotopes as indicators of recharge regimes and groundwater mixing in an alluvial aquifer. In P. Seiler Klaus and S. Wohnlich, editors, *New approaches characterizing groundwater flow; proceedings*. A.A. Balkema. Lisse, Netherlands. 2001.
- McLean, W., Jankowski, J., and Lavitt, N. (2000). Groundwater quality and sustainability in an alluvial aquifer, Australia. In O. Sililo, S. Appleyard, M. Barrett, E. Braune, W. Burgess, L. Cave, h. Chiang Wen, J. Chilton, C. Colvin, J. Conrad, I. Dennis, J. de Beer, J. Dillon Peter, J. Dottridge, M. Eiswirth, P. Engelbrecht, L. Fraser, B. Frengstad, N. Gale Ian, C. Harris, S. Hughes, N. Lerner David, R. Meyer, K. Morton, R. Murray, R. Parsons, M. Rivett, I. Saayman, N. Stevens, A. S. Talma, R. Taylor, J. Tellam, G. Tredoux, J. Weaver, J. van Tonder Gerrit, B. Verhagen, A. Woodford, A. Fielies, R. Robyntjies, and K. Pretorius, editors, *Groundwater; past achievements and future challenges*. A.A.Balkema. Rotterdam, Netherlands. 2000.
- McMahon, C. A. (1993). *Dalhousie Mound Springs: a visitor profile and the implications for management*. M.Env.St. Mawson Graduate Centre for Environmental Studies, University of Adelaide.
- McNeil, V., and Cox, M. (1996). Discrimination of groundwaters in the Great Artesian Basin, Queensland, using the Cl/ Mg ratio. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 383-389
- McVeigh, C. W. (1998). *Changes in the Eyre: Monitoring Mound Springs with Modern and Fossil Diatoms*. Unpublished Honours Thesis. Department of Geography, The University of Adelaide, Adelaide.
- Miller, A. C., Ponder, W. F., and Clark, S. A. (1999). Freshwater snails of the genera *Fluvidona* and *Austropyrgus* (Gastropoda, Hydrobiidae) from northern New South Wales and southern Queensland, Australia. *Invertebrate Taxonomy*. **13**: pp 461-493.
- Milton, B. E. (1969). Geophysical investigations of basins marginal to the western Great Artesian Basin. *The APEA Journal*. **9**: pp 127-135.
- Milton, B. E. (1976a). Arckaringa Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy Monograph Series - Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 369-371

- Milton, B. E. (1976b). Frome Embayment. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. p 369
- Milton, B. E., and Morony, G. K. (1975). *A regional interpretation of 1:1 000 000 gravity and aeromagnetic maps of the Great Artesian Basin in South Australia*. Report of Investigations. Report Number 46. South Australia, Department of Mines and Energy, Geological Survey, Adelaide.
- Minerals Council of Australia. (1999). Sustaining the Great Artesian Basin. In, *Mining into the next century: environmental opportunities and challenges, Proceedings of the 24th annual environmental workshop*. 1999. Townsville. pp 155-160.
- Mitchell, B. D. (1985). Limnology of mound springs and temporary pools, south and west of Lake Eyre. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. pp 51-63
- Mollemans, F. H. (1989). Terrestrial and semi-aquatic plants. In W. Zeidler and W. F. Ponder, editors, *Natural History of Dalhousie Springs*. South Australian Museum, Adelaide. pp 57-70
- Moore, P. S., and Pitt, G. M. (1984). Cretaceous of the Eromanga Basin - Implications for hydrocarbon exploration. *The APEA Journal*. **24**: pp 358-376.
- Morelli, J., and De Jong, M. (1996). South Australia. In B. Blackley, S. Usback, and K. Langford, editors, *A directory of important wetlands in Australia*. ANCA, Canberra. pp 435-531
- Morgan, R. (1977). Elucidation of Diconodinium and its stratigraphic range in Australia. In R. L. Pierce, editor, *Proceedings of the Eighth annual meeting of the American Association of Stratigraphic Palynologists*. American Association of Stratigraphic Palynologists, Dallas. p 175.
- Morgan, R. (1984). Palynology. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 143-160
- Morton, S. R., Doherty, M. D., and Barker, R. D. (1995a). *Natural Heritage Values of the Lake Eyre Basin in South Australia: World Heritage Assessment*. CSIRO Div. Wildlife and Ecology, Canberra.
- Morton, S. R., Short, J., Barker, R. D., Griffin, G. F., and Pearce, G. (1995b). *Refugia for biological diversity in arid and semi-arid Australia. A report to the biodiversity unit of the Department of Environment, Sport and Territories*. CSIRO, Canberra.

Mudd, G. M. (2000). Mound Springs of the Great Artesian Basin in South Australia: a case study from Olympic Dam. *Environmental Geology*. **39**: pp 463-476.

Muller, P. J. (1989). *Hydrology of the south-western Eromanga Basin, Queensland*. Queensland Department of Mines Record Series. Report Number 1989/16. Queensland Department of Mines, Brisbane.

Munir, A. A. (1993). A taxonomic revision of the genus *Phyla* Lour. (Verbenaceae) in Australia. *Journal of the Adelaide Botanic Gardens*. **15**: pp 109-128.

Murphy, D. (1985). Mound springs: Threatened outback ecosystem. *Australian Conservation Foundation Newsletter*. **17**: p 8.

Murray, C. G. (1990a). Summary of geological developments along the Eromanga-Brisbane Geoscience Transect. *Bulletin of the Bureau of Mineral Resources, Geology and Geophysics*. **232**: pp 11-20.

Murray, C. G. (1990b). Summary of geological developments along the Eromanga-Brisbane geoscience transect. In D. M. Finlayson, editor, *The Eromanga-Brisbane geoscience transect; a guide to basin development across Phanerozoic Australia in southern Queensland*. Australian Geological Survey Organization, Canberra, A.C.T., Australia. pp 11-20

Nance, C., and Lewis, S. (1998). Recovery of mound springs. *Environment South Australia*. **7**: p 10 and 42.

Neuzil, C. E. (1995). Abnormal pressures as hydrodynamic phenomena. *American Journal of Science*. **295**: pp 742-786.

Newland, S. (1887). *The far north country*. Burden and Bonython, Adelaide.

Newland, S., editor. (1902). *Land-grant railway across central Australia: the Northern Territory of the state of South Australia as a field for enterprise and capital: boundless resources; pastoral, agricultural, mineral, natural harbors, navigable rivers*. Hussey & Gillingham for the South Australian Government, Adelaide.

Niejalke, D., and Berry, K. A. (1988). *Water management at Olympic Dam: a response to Mudd 1988*. Olympic Dam Environmental Consultative Committee and the Olympic Dam Community Consultative Forum, Roxby Downs.

Niejalke, D. J., and Farrington, V. (2000a). Mound Spring Protection: The Wabma Kadarbu Conservation Park Extension. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide. p 22.

Niejalke, D. J., and Farrington, V. (2000b). WMC bore drain closure assistance program. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers*

*Forum*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide. pp 20-21.

Niejalke, D. P. (1998). Some notes on the fishes from mound springs between Marree and Oodnadatta in South Australia. *Newsletter of the SA Native Fish Group January-March 1998*.

Niejalke, D. P., and Richards, J. (1998). Population biology of some spring snails. In N. D.P, editor, *Proceedings of the 2nd Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Niejalke, D. P., and Tap, P. (In Prep). Distribution and conservation of aquatic invertebrates endemic to artesian springs in arid South Australia. *Royal Geographical Society of Australia*.

Noack, D. (1993). The mound springs of South Australia. *Environment South Australia*. **2**: p 38174.

Noack, D. (2002). *Introduced plant species at Dalhousie Springs*. Unpublished Report. Department of Geographical and Environmental Studies, The University of Adelaide, Adelaide.

Noack, D. H. (1994). Date palms and the exotic flora of Dalhousie Springs. *Proceedings of the Royal Geographical Society of Australia, SA Branch*. **93**: pp 81-90.

Noack, D. H. (1996). Dalhousie Springs: changes and challenges in this desolate locality. In S. R. Morton and D. J. Mulvaney, editors, *Exploring Central Australia: Society, the Environment and the 1894 Horn Expedition*. Surrey Beatty and Sons, Chipping Norton. pp 322-340

Noble, J. C., Habermehl, M. A., James, C. D., Landsberg, J., Langston, A. C., and Morton, S. R. (1998a). Biodiversity implications of water management in the Great Artesian Basin. *Rangelands Journal*. **20**: pp 275-300.

Noble, J. C., Landsberg, J., Langston, A., and Morton, S. R. (1998b). Biophysical and cultural values of the Great Artesian Basin. In, *Outlook 98, Proceedings of the National Agriculture and Resource Outlook Conference, Canberra, 3-5 February, 1998, Commodity markets and resource management*. ABARE, Canberra. pp 103-112.

Nugent, O. W. (1969). Sedimentation and petroleum potential of the Jurassic sequence in the southwestern Great Artesian Basin. *The APEA Journal*. **9**: pp 97-107.

O' Driscoll, E. S. T. (1983). Deep tectonic foundations of the Eromanga Basin. In B. R. Griffith, editor, *Developing for the future*. Australian Petroleum Exploration Association, Sydney, N.S.W., Australia. pp 5-17

Ogilvie, C. (1954). *The hydrology of the Queensland portion of the Great Artesian Basin. Appendix H, The artesian water supplies in Queensland*. Queensland

Parliamentary Paper. Report Number A56-1955. Queensland Department of the Coordinators General of Public Works, Brisbane.

Olgers, F. (1964). *Birdsville, Qld.; 1:250,000 geological series, sheet SG/ 54-5, international index, explanatory notes*. Australian Bureau of Mineral Resources, Geology and Geophysics, Canberra.

Ollier, C. (1993). Tectonics and landscape evolution in southeast Australia. *Geografia Fisica e Dinamica Quaternaria*. **16**: pp 159-170.

Ollier, C. D. (1995a). Tectonics and Landscape Evolution in Southeast Australia. *Geomorphology*. **12**: pp 37-44.

Ollier, C. D. (1995b). Tectonics and landscape evolution in Southeast Australia. In K. Lidmar Bergstrom, editor, *Preglacial landforms*. Elsevier, Amsterdam, Netherlands. pp 37-44

Owens, H. M., and Read, J. L. (1999). Mammals of the Lake Eyre South Region. In, *Lake Eyre South Monograph Series*. Royal Geographical Society of South Australia, Inc., Adelaide. pp 53-109

Pailthorpe, W., Wardell, J., and Morony, G. (1975). Some computing techniques for storage, retrieval and interpretation of gravimetric data. *The APEA Journal*. **15**: pp 87-91.

Palmer, J. R., and MacNamara, P. E. (1991). Artesian bore reconditioning and case histories in Queensland. In H. Ventriss, editor, *Proceedings of the International conference on Groundwater in large sedimentary basins*. Australian Water Resources Council, Canberra, A.C.T., Australia. pp 236-245

Paul, R. (1986). Gas exchange and gas transport in the tarantula *Eurypelma californicum* - an overview. In B. Linzen, editor, *Invertebrate Oxygen Carriers*. Springer-Verlag, Berlin, Heidelberg. pp 321-326

Peake-Jones, K. (1952). Mound springs in Lake Frome. *Proceedings of the Royal Geographical Society of Australia, SA Branch*. **53**: pp 19-23.

Pegler, L., Moore, R., and Bentley, D. (2002). Bore Drain Replacement in south-west Queensland: Benefits and costs for land managers. *Rangeland Journal*. **24**: pp 185-206.

Perez, K. E., Ponder, W. F., Colgan, D. J., Clark, S. A., and Lydeard, C. (2005). Molecular phylogeny and biogeography of spring-associated hydrobolid snails of the Great Artesian Basin, Australia. *Molecular Phylogenetics And Evolution*. **34**: pp 545-556.

Person, M., Morin, P., Toupin, D., Eadington, P., and Warner, D. (1995). Finite element analysis and scientific visualization of the petroleum hydrogeology of the Great Artesian

Basin. In, *Geological Society of America, 1995 annual meeting*. Geological Society of America (GSA), Boulder, CO, United States. p 23

Person, M., Slawinski, D., Toupin, D., Eadington, P., and Warner, D. (1994). Computer animation of ancient groundwater flow systems within the Great Artesian Basin, Australia. In, *Geological Society of America, 1994 annual meeting*. Geological Society of America (GSA), Boulder, CO, United States. p 80

Pestov, I. (2000). Thermal convection in the Great Artesian Basin, Australia. *Water Resources Management*. **14**: pp 391-403.

Phillips, F. M. (1993). Reinterpretation of  $^{36}\text{Cl}$  data; physical processes, hydraulic interconnections and age estimates in groundwater systems; discussion. *Applied Geochemistry*. **8**: pp 643-647.

Phillips, F. M., Bentley, H. W., and Elmore, D. (1986). Chlorine-36 dating of old ground water in sedimentary basins. In B. Hitchon, S. Bachu, and M. Sauveplane Claude, editors, *Hydrogeology of sedimentary basins; application to exploration and exploitation. Proceedings - Canadian/American Conference on Hydrogeology*. National Water Well Association, Dublin, OH, United States. pp 143-150.

Pickard, J. (1992a). *Artesian springs in the Western Division of New South Wales*. Report Number Working Paper No. 9202. The Graduate School of the Environment, Macquarie University.

Pickard, J. (1992b). *Conservation recovery plan, management phase. Eriocaulon carsonii. Final report on contract with NSW National Parks and Wildlife Service*. NSW National Parks and Wildlife Service, Canberra.

Pickard, J. (1992c). *Conservation research statement, Eriocaulon carsonii. Final report on contract with NSW National Parks and Wildlife Service*. NSW National Parks and Wildlife Service, Canberra.

Pickard, J. (1992d). *Recovery plan research phase. Eriocaulon carsonii. Final report on contract with NSW National Parks and Wildlife Service*. NSW National Parks and Wildlife Service, Canberra.

Pirlo, M. C. (2004). Hydrogeochemistry and geothermometry of thermal groundwaters from the Birdsville Track Ridge, Great Artesian Basin, South Australia. *Geothermics*. **33**: pp 743-774.

Pittman, E. F. (1908). *Problems of the Artesian Water Supply of Australia: with special reference to Professor Gregory's theory*. Department of Mines, Sydney.

Pittman, E. F. (1914). *The Great Australian Artesian Basin and the Source of its Water*. Geological Survey of New South Wales, Sydney.

- Pittman, E. F. (1915). *The Composition and Porosity of the Intake Beds of the Great Australian Artesian Basin*. Department of Mines, Sydney.
- Pittman, E. F., and David, T. W. E. (1903). Irrigation geologically considered with special reference to the artesian area of New South Wales. *Journal and Proceedings of the Royal Society of New South Wales*. **37**: pp 103-153.
- Playford, G., Haig, D. W., and Dettmann, M. E. (1975). A mid-Cretaceous microfossil assemblage from the Great Artesian Basin, northwestern Queensland. *Neues Jahrbuch fuer Geologie und Palaeontologie. Abhandlungen*. **149**: pp 333-362.
- Polak, E. J., and Horsfall, C. J. (1978). Geothermal gradients in the Great Artesian Basin, Australia. In, *Symposium on geophysics, mineral exploration and utilization*. Blackwell Scientific Publications on behalf of the Australian Society of Exploration Geophysicists, Melbourne. p 184.
- Polak, E. J., and Horsfall, C. L. (1979). Geothermal gradients in the Great Artesian Basin, Australia. *Bulletin of the Australian Society of Exploration Geophysics*. **10**: pp 144-148.
- Ponder, W. F. (1985). South Australian mound springs. Relict faunas in the desert. *Australian Natural History*. **21**: pp 352-355.
- Ponder, W. F. (1986a). Mound spring snails of the Australian Great Artesian Basin. In K. E. Alison, editor, *Proceedings of a symposium held at the 9th International Malacological Congress, Edinburgh, Scotland*.
- Ponder, W. F. (1986b). Mound springs of the Great Artesian Basin. In D. De Deckker and W. D. Williams, editors, *Limnology in Australia*. CSIRO, Melbourne
- Ponder, W. F. (1991). Australian Hydrobiidae - an overview based on current research. In, *Proceedings of the 10th International Malacological Congress, Tubingen*. pp 525-528.
- Ponder, W. F. (1994). Australian freshwater Mollusca: Conservation priorities and indicator species. *Memoirs of the Queensland Museum*. **36**: pp 191-196.
- Ponder, W. F. (1995a). Mound spring snails of the Australian Great Artesian Basin. In E. A. Kay, editor, *The conservation biology of molluscs*. IUCN, Gland Switzerland. pp 13-18
- Ponder, W. F. (1995b). Mound spring snails of the Australian Great Artesian Basin. *Occasional Papers of the IUCN Species Survival Commission*. **9**: pp 13-18.
- Ponder, W. F. (1997a). Conservation status, threats and habitat requirements of Australian terrestrial and freshwater Mollusca. *Memoirs of the Museum of Victoria*. **56**: pp 421-430.

- Ponder, W. F. (1997b). Nomenclatural rectifications in Australian Hydrobiidae. *Molluscan Research*. **18**: pp 67-68.
- Ponder, W. F. (1998a). Conservation. In P. L. Beesley, G. J. B. Ross, and A. Wells, editors, *Mollusca: The Southern Synthesis*. CSIRO Publishing, Melbourne. pp 105-115
- Ponder, W. F. (1998b). Mound spring molluscs - Current work in the Australian Museum. In N. D.P, editor, *Proceedings to the Second Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.
- Ponder, W. F. (2003). Monograph of the Australian Bithyniidae (Caenogastropoda: Rissooidea). *Zootaxa*. **230**: pp 1-126.
- Ponder, W. F. (2004a). Desert Springs of the Australian Great Artesian Basin. In, *Spring-fed Wetlands: Important Scientific and Cultural Resources of the Intermountain Region, 2002*. Desert Research Institute, Las Vegas. <http://www.wetlands.dri.edu>.
- Ponder, W. F. (2004b). Endemic aquatic macroinvertebrates of artesian springs of the Great Artesian Basin - progress and future directions. *Records of the South Australian Museum*. **7**: pp 101-110.
- Ponder, W. F., and Clark, G. A. (1990). A radiation of hydrobiid snails in threatened artesian springs in Western Queensland. *Records of the Australian Museum*. **42**: pp 301-363.
- Ponder, W. F., and Colgan, D. J. (2002). What makes a narrow-range taxon? Insights from Australian freshwater snails. *Invertebrate Systematics*. **16**: pp 571-582.
- Ponder, W. F., Colgan, D. J., Terzis, T., Clark, S. A., and Miller, A. C. (1996). Three new morphologically and genetically determined species of hydrobiid gastropods from Dalhousie Springs, northern South Australia, with the description of a new genus. *Molluscan Research*. **17**: pp 49-109.
- Ponder, W. F., Egger, P., and Colgan, D. J. (1995). Genetic differentiation of aquatic snails (Gastropoda: Hydrobiidae) from artesian springs in arid Australia. *Biological Journal of the Linnean Society*. **56**: pp 553-596.
- Ponder, W. F., and Hershler, R. (1984). *Hydrobiid studies. In: Olympic Dam Project. Supplementary studies, mound springs*. Prepared by Kinhill Stearns for Roxby Management Services, Adelaide.
- Ponder, W. F., Hershler, R., and Jenkins, B. (1989). An endemic radiation of hydrobiid snails from artesian springs in northern South Australia: Their taxonomy, physiology, distribution and anatomy. *Malacologia*. **31**: pp 1-140.
- Ponder, W. F., Jefferys, E., and Studdert, J. (2005). *Queensland mound spring aquatic invertebrates. A report on the Western and Northern spring supergroups associated*



*with the Queensland part of the Great Artesian Basin*. Unpublished Report. Department for the Environment and Heritage, Canberra.

Ponder, W. F., and O' Callaghan, J. (2003). *Queensland mound spring aquatic invertebrates*. Unpublished Report. Department of the Environment and Heritage, Australian Government, Canberra.

Ponder, W. F., O' Callaghan, J., and Studdert, J. (2004). *Queensland mound spring aquatic invertebrates. A report on the Barcaldine and Eulo supergroups*. Unpublished Report. Department for the Environment and Heritage, Canberra.

Ponder, W. F., and Walker, K. F. (2003). From mound springs to mighty rivers: The conservation status of freshwater molluscs in Australia. *Aquatic Ecosystem Health and Management*. **6**: pp 19-28.

Potency, V. (1978). *Survey of mound springs between Marree and William Creek. Notes compiled for the Senior Environmental officer (Projects)*. Department of Environment and Planning, Adelaide.

Power, P. E., and Devine, S. B. (1968). Some amendments of the Jurassic stratigraphic nomenclature in the Great Artesian Basin. *Queensland Government Mining Journal*. **69**: pp 194-195.

Queensland Geological Survey. (1962). Geology and mineral resources of Queensland. *Queensland Government Mining Journal*. **63**: pp 321-328.

Queensland Geological Survey. (1966). *Petroleum exploration in Queensland during 1964*. Report Number 299. Geological Survey of Queensland, Brisbane.

Queensland Government. (1954). *Artesian water supplies in Queensland*. Queensland Parliamentary Paper. Report Number A56/1955. Queensland Department of the Coordinators General of Public Works, Brisbane.

Rade, J. (1954). Geology and sub-surface waters of the Coonamble Basin, N.S.W. *Journal and Proceedings of the Royal Society of New South Wales*. **87**: pp 77-88.

Radke, B. M., Ferguson, J., Cresswell, R. G., Ransley, T. R., and Habermehl, M. A. (2000). *Hydrochemistry and implied hydrodynamics of the Cadna-owie-Hooray Aquifer, Great Artesian Basin, Australia*. Report. Bureau of Rural Sciences, Canberra.

Randal, M. A. (1978). *Hydrogeology of the southeastern portion of the Georgina basin and environs, Queensland and the Northern Territory*. Geological Survey of Queensland Publication. Report Number 366. Geological Survey of Queensland, Brisbane.

Ransley, T. R., and Habermehl, H. A. (2003). *Great Artesian Basin Spring Database and GIS*. CD of Spring Database, GIS and Spring Images. Bureau of Rural Sciences, Canberra.

- Ravot, G., Ollivier, B., Fardeau, M. L., Patel, B. K. C., Andrews, K. T., Magot, M., and Garcia, J. L. (1996). L-alanine production from glucose fermentation by hyperthermophilic members of the domains Bacteria and Archaea: A remnant of an ancestral metabolism? *Applied and Environmental Microbiology*. **62**: pp 2657-2659.
- Read, J. L. (1997). Stranded on desert islands? Factors shaping animal populations in Lake Eyre South. *Global Ecology and Biogeography Letters*. **6**: pp 431-438.
- Read, J. L., and Badman, F. J. (1999). Birds. In, *Lake Eyre South Monograph Series 3*. Royal Geological Society Inc, Adelaide. pp 1-82
- Read, J. L., and Niejalke, D. P. (1996). Broilgas: Storks of the mound springs. *Xanthopus*. **13**.
- Reader, P. A. (1985). *Lake Eyre, the Mound Springs, Cooper Lakes, related drainage system and adjoining desert wilderness: a World Heritage Area*. Conservation Council of S.A., Adelaide.
- Redburn, A. C., and Patel, B. K. C. (1994). *Desulfovibrio longreachii* Sp-Nov, a Sulfate-Reducing Bacterium Isolated from the Great Artesian Basin of Australia. *Fems Microbiology Letters*. **115**: pp 33-38.
- Reid, J. L. (1997). Stranded on desert islands? Factors shaping animal populations in Lake Eyre South. *Global Ecology and Biogeography Letters*. **6**: pp 431-438.
- Reif, T. (2000). Honeymoon uranium project update. *MESA Journal*. **19**: pp 4-7.
- Reschke, W. (1985). World Wildlife Fund focusses on SA and makes plea: Save far north minor miracaes. Page 51 in *Sunday Mail*, Adelaide. Issue Date 28/4/1985.
- Reyenga, P. J., Habermehl, M. A., and Howden, S. M. (1998). *The Great Artesian Basin - Bore Rehabilitation, Rangelands and Groundwater Management*. Bureau of Resource Sciences, Canberra.
- Robinson, A. C., and Casperson, K. D. (1986). *The biology of the Dalhousie springs complex, Witjira National Park, South Australia*. South Australian National Parks and Wildlife Service Report, Adelaide.
- Roxby Management Services. (1984). *Supplementary Environmental Studies: Mound Springs*. Unpublished Report. Prepared by Kinhill Stearns, Adelaide.
- Royal Botanic Gardens. (1999). *Fusarium wilt of palms in Australia*. Plant Disease Diagnostic Unit, Plant Pathology and Entomology, Royal Botanic Gardens, Last accessed on May 2005 2005, at <http://www.rbgsyd.gov.au/RGB/Hortbot/phoenix.html>.
- Rubenach, M. J. (1978). Northernmost section of the Tasman orogenic zone. In M. J. Rubenach, editor, *Third Australian geological convention; excursions handbook*. Geological Society of Australia, Queensland Division, Brisbane. pp 43-67

- Rudd, E. A. (1961). Petroleum developments in southwest Pacific region during 1960. *Bulletin of the American Association of Petroleum Geologists*. **45**: pp 1244-1248.
- Rudd, E. A. (1963). Petroleum developments in southwest Pacific region during 1962. *Bulletin of the American Association of Petroleum Geologists*. **47**: pp 1785-1793.
- Rumph, B. (1976). The implications of regional gravity and magnetic data in the central Great Artesian Basin, Australia. In, *25th International Geological Congress, Abstracts / Congres Geologique Internationale, Resumes*. International Geological Congress, Sydney. pp 404-405.
- Sampson, L. (1996). The Great Artesian Basin well rehabilitation program 1977-95. *MESA Journal*. **2**: pp 18-19.
- Sass, J. H. (1964). Heat-flow values from eastern Australia. *Journal of Geophysical Research*. **69**: pp 3889-3893.
- Scheibnerova, V. (1970). Some notes on palaeoecology and palaeogeography of the Great Artesian Basin, Australia, during the Cretaceous. *Search*. **1**: pp 125-126.
- Scheibnerova, V. (1971a). The Great Artesian Basin, Australia, a type area of the austral biogeoprovince of the Southern Hemisphere, equivalent to the boreal biogeoprovince of the Northern Hemisphere. In, *Proceedings of the International Planktonic Conference*. Rome. pp 1129-1138.
- Scheibnerova, V. (1971b). *Lingulogavelinella* (Foraminifera) in the Cretaceous of the Great Artesian Basin, Australia. *Micropaleontology*. **17**: pp 109-116.
- Scheibnerova, V. (1971c). Palaeoecology and palaeogeography of Cretaceous deposits of the Great Artesian Basin (Australia). *Records of the Geological Survey of New South Wales*. **13**: pp 5-48.
- Scheibnerova, V. (1972a). *Bilingulogavelinella australis* n. gen. n. sp (foraminifera) from the marine Cretaceous of the Great Artesian Basin, Australia. *Journal of Foraminiferal Research*. **1**: pp 122-125.
- Scheibnerova, V. (1972b). Some interesting foraminifera from the Cretaceous of the Great Artesian Basin, Australia. *Micropaleontology*. **18**: pp 212-222.
- Scheibnerova, V. (1974). The ecology of *Scutuloris* and other important genera from the Early Cretaceous of the Great Artesian Basin (Australia). *Revista Espanola de Micropaleontologia*. **6**: pp 229-255.
- Scheibnerova, V. (1978a). Austral foraminifera and their importance for Cretaceous biostratigraphy and paleogeography. *Actes du VI Colloque Africain de micropaleontologie*. **28**: pp 153-160.

Scheibnerova, V. (1978b). Depth habitats of Cretaceous foraminifera with special reference to globotruncanids. *Actes du VI Colloque Africain de micropaleontologie*. **28**: pp 147-151.

Scheibnerova, V. (1986). Marine Cretaceous of the Great Australian Basin; foraminiferal and palynological zonations reconciled. In D. I. Gravestock, P. S. Moore, and G. M. Pitt, editors, *Contributions to the geology and hydrocarbon potential of the Eromanga Basin*. Geological Society of Australia, Special Publication 12, Sydney, N.S.W., Australia. pp 115-118

Schofield, S., and Jankowski, J. (2004). Hydrochemistry and isotopic composition of Na-HCO<sub>3</sub>-rich groundwaters from the Ballimore region, central new South Wales, Australia. *Chemical Geology*. **211**: pp 111-134.

Schulz, R. J. P. (1993). Calcite-cemented zones in the Eromanga Basin; clues to petroleum migration and entrapment? In O. M. G, editor, *1993 APEA conference; technical papers*. Australian Petroleum Exploration Association, Sydney, N.S.W., Australia. pp 63-76

Scouler, G. (1886). Sketch of the geology of the southern and western parts of the Lake Eyre Basin. *Transactions of the Royal Society of South Australia, 1885-86*. **5**: pp 39-54.

Seidel, G. (1980). Application of the GABHYD groundwater model of the Great Artesian Basin, Australia. *BMR Journal of Australian Geology and Geophysics*. **5**: pp 39-45.

Seidel, G. E. (1977). Playing with the 'GABHYD' hydraulic model of the Great Artesian Basin. *BMR Journal of Australian Geology and Geophysics*. **2**: p 237.

Senior, B. R. (1996). Exploration for precious opal within the Eromanga and Surat basins, Queensland and New South Wales. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 501-506

Senior, D. (1973). *Goondiwindi, Queensland & New South Wales, Explanatory Notes*. Geological Map. 1:250,000. Australian Bureau of Mineral Resources, Geology and Geophysics, Canberra.

Shepherd, E. M. (1950). Some factors in the hydrology of Queensland (presidential address). *Proceedings of the Royal Society of Queensland*. **60**: pp 3-23.

Shepherd, R. G. (1978). *Underground Water Resources of South Australia*. Report Number Bulletin 48. Department of Mines and Energy, Geological Survey of South Australia Government Printer, South Australia, Adelaide.

Sherman, E. G. (1986). The Australian opal fields. In B. Hicks, editor, *The proceedings of the 20th international gemmological conference; Part 2*. Gemmological Association of Australia, Sydney, N.S.W., Australia. p 129.

- Sibenaler, X. (1996). The Great Artesian Basin; a 25 year water use scenario. *MESA Journal*. **2**: pp 18-19.
- Skwarko, S. K. (1967). Mesozoic Mollusca from Australia and New Guinea; 1, Lower Cretaceous Mollusca of the Great Artesian Basin type in the Gibson Desert, central Western Australia. *Bulletin - Australia, Bureau of Mineral Resources, Geology and Geophysics*. **75**: pp 1-25.
- Slansky, E. (1984). Clay mineralogy. In J. M. Hawke and J. N. Cramsie, editors, *Contributions to the geology of the Great Australian Basin in New South Wales*. Geological Survey of New South Wales, Sydney, N.S.W., Australia. pp 179-214
- Sluys, R. (1986). First representative of the Order Macrostromida in Australia (Platyhelminthes, Macrostromidae). *Records of the South Australian Museum*. **19**: pp 400-404.
- Sluys, R., Grant, L. J., and Blair, D. (in preparation). Freshwater planarians from artesian springs in queensland, Australia (Platyhelminthes, Tricladida, Paludicola).
- Smith, P. C., Read, R. E., and Rogers, P. A. (1985). Geology and hydrogeology of Clayton-2 stratigraphic well. *Quarterly Geological Notes - Geological Survey of South Australia*. **96**: pp 7-11.
- Smyth, M., and Fielding, C. R. (1991). The Walloon Coal Measures; integration of clastic and organic facies as a guide to oil potential. In W. Jamieson and T. Pippett, editors, *Exploration in a changing environment; abstracts of the Australian Society of Exploration Geophysicists 8th conference and exhibition and the Geological Society of Australia exploration symposium*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 59-60
- Social and Ecological Assessment. (1985). *Biological Assessment of South Australian Mound Springs. Report prepared for South Australian Department of Environment and Planning*. South Australian Department of Environment and Planning, Adelaide.
- Social and Ecological Assessment. (1986). *Data Sheets for Biological Assessment of South Australian Mound Springs. Report prepared for South Australian Department of Environment and Planning*. South Australian Department of Environment and Planning, Adelaide.
- Sokal, A. (1987). Yabbies at Dalhousie Springs, Northern South Australia: morphological evidence for long term isolation. *Transactions of the Royal Society of South Australia*. **111**: pp 207-209.
- South Australian Department of Environment and Planning. (1986). Mount Dare Station. *Action Outdoor*. **2**: pp 12-13.

South, B. G. (1958). *A survey of mound springs between Marree and Strangway's Springs*. Report Number Report Book 47/164. Department of Mines, South Australia, Adelaide.

Spanevello, M. D., and Patel, B. K. C. (2004). The phylogenetic diversity of *Thermus* and *Meiothermus* from microbial mats of an Australian subsurface aquifer runoff channel. *Fems Microbiology Ecology*. **50**: pp 63-73.

Spanevello, M. D., Yamamoto, H., and Patel, B. K. C. (2002). *Thermaerobacter subterraneus* sp nov., a novel aerobic bacterium from the Great Artesian Basin of Australia, and emendation of the genus *Thermaerobacter*. *International Journal of Systematic and Evolutionary Microbiology*. **52**: pp 795-800.

Sprigg, R. C. (1958a). Australian oil hunt. *World Petroleum*. **29**: p 66.

Sprigg, R. C. (1958b). Petroleum prospects of western parts of Great Australian Artesian Basin. *Bulletin of the American Association of Petroleum Geologists*. **42**: pp 2465-2491.

Sprigg, R. C. (1961). On the structural evolution of the Great Artesian Basin. *The APEA Journal*. **1**: pp 37-56.

Sprigg, R. C. (1962). Progress exploration in the Simpson desert of central Australia. *The APEA Journal*. **2**: pp 40-42.

Sprigg, R. C. (1965). Progress of exploration for petroleum in the central and western Great Artesian basin. In, *8th Commonwealth Mining and Metallurgical Congress*. Melbourne. pp 167-177.

Sprigg, R. C. (1986). The Eromanga Basin in the search for commercial hydrocarbons (Australia). In D. Gravestock, P. S. Moore, and G. M. Pitt, editors, *Contributions to the geology and hydrocarbon potential of the Eromanga Basin*. Geological Society of Australia, Special Publication 12, Sydney. pp 9-24

Stanisic, J. (1996). New land snails from Boggomoss environments in the Dawson Valley, south-eastern Queensland (Eupulmonata: Charopidae and Camaenidae). *Memoirs of the Queensland Museum*. **39**: pp 343-354.

Stanton, J. P. (1975). *A preliminary assessment of wetlands in Queensland*. Report Number Technical Memo 75/10. CSIRO Div. Land Use Resources.

Starbridge, S. (1996). The secret life of boggomosses. *Wildlife Australia Spring 1996*. **3**: pp 30-31.

Stelck, C. R. (1963). Geological studies point to more oil discoveries. *Oilweek*. **14**: p 29.

Stilwell, J. D. (1999). Cretaceous scaphopoda (mollusca) of Australia and their palaeobiogeographic significance. *Alcheringa*. 1999; **23**(3 4): 215 226.

Stilwell, J. D., and McKenzie, E. D. (1999). First record of *Acesta* (Bivalvia: Limidae) from the Cretaceous of Australia. *Alcheringa*. **23**: pp 283-288.

Swieca, A. (1992). Contemporary denudation of the land in the light of studies of river transportation of suspended sediment. *Czasopismo Geograficzne*. 1992. *63(1)*, pp 7-24.

Symon, D. E. (1984a). A checklist of plants of Dalhousie Springs and their immediate environs. *Journal of the Adelaide Botanic Gardens*. **7**: pp 127-134.

Symon, D. E. (1984b). A new species of *Nicotiana* (Solanaceae) from Dalhousie Springs, South Australia. *Journal of the Adelaide Botanic Gardens*. **7**: pp 117-121.

Symon, D. E. (1985). Botanical notes on mound springs and bores. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. pp 27-48

Taniguchi, M. (1989). Groundwater hydrology in Australia; 2, Groundwater problems and the trend of the research in Australia. *Journal of Groundwater Hydrology*. **31**: pp 133-142.

Tanner, J. J. (1966a). Distribution of Palaeozoic rocks beneath the Great Artesian Basin, Queensland. *The APEA Journal*. **6**: pp 116-120.

Tanner, J. J. (1966b). Distribution of Paleozoic rocks beneath Great Artesian basin, Queensland. *Bulletin of the American Association of Petroleum Geologists*. **50**: p 637.

Tanner, J. J. (1967). Devonian of the Adavale Basin, Queensland, Australia. In, *International symposium on the Devonian system*. Alberta Society of Petroleum Geologists, Calgary. pp 111-116.

Tap, P., and Niejalke, D. P. (1998). Invertebrates in mound springs: results of a systematic survey between Marree and Oodnadatta, South Australia. In N. D.P, editor, *Proceedings to the 2nd Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Tate, R. (1879). The anniversary address of the President - leading physical features of South Australia. *Transactions and Proceedings of the Philosophical Society of Australia 1878-79*. **3**: pp 39-75.

Tate, R. (1882). The anniversary address - geology in its relation to mining and subterranean water supply in South Australia. *Transactions and Proceedings of the Royal Society of Australia*. **4**: pp 113-134.

Taylor, G. (1978). A brief Cainozoic history of the Upper Darling Basin. In J. W. Warren, editor, *Proceedings of the Royal Society of Victoria: The Murray-Darling river system symposium*. Royal Society of Victoria, Melbourne, Victoria, Australia. pp 53-59.

- Thompson, G. G., and Withers, P. C. (2002). Aerial and aquatic respiration of the Australian desert goby, *Chlamydogobius eremius*. *Comparative Biochemistry and Physiology a-Molecular and Integrative Physiology*. **131**: pp 871-879.
- Thomson, R., and Barnett, S. (1985). Geology, geomorphology and hydrogeology. In J. Greenslade, L. Joseph, and A. Reeves, editors, *South Australia's Mound Springs*. Nature Conservation Society of South Australia Inc, Adelaide. pp 3-26
- Thornton, R. C. N. (1978). The geological results of the drilling of Manya No. 1 and Marla No. 1. *Mineral Resources Review: South Australian Department of Mines and Energy*. **143**: pp 47-66.
- Thralls, H. M. (1967). Australia, geophysical exploration and the Great Artesian Basin. In E. Kilkenny John, editor, *Abstracts of the proceedings of the American Association of Petroleum Geologists 50th anniversary meeting*. American Association of Petroleum Geologists, Tulsa, USA. p 483
- Threadgill, B. (1922). *South Australian land exploration, 1856-1880*. Historical compilations based upon the study of original documents, No. 3. Public Library, Museum and Art Gallery of South Australia, Adelaide.
- Torgersen, T. (1994). Hydraulic calculation of groundwater flow velocity and age; examination of the basic premises; discussion. *Journal of Hydrology*. **154**: pp 403-408.
- Torgersen, T., and Clarke, W. B. (1985). Helium accumulation in groundwater, I: an evaluation of sources and the continental flux of crustal <sup>4</sup>He in the Great Artesian Basin, Australia. *Geochimica Et Cosmochimica Acta*. **49**: pp 1211-1218.
- Torgersen, T., and Clarke, W. B. (1987). Helium accumulation in groundwater; III: Limits on helium transfer across the mantle-crust boundary beneath Australia and the magnitude of mantle degassing. *Earth and Planetary Science Letters*. **84**: pp 345-355.
- Torgersen, T., Clarke, W. B., and Habermehl, M. A. (1987). Helium isotopic evidence for Recent subcrustal volcanism in eastern Australia. *Geophysical Research Letters*. **14**: pp 1215-1218.
- Torgersen, T., Habermehl, H. A., and Clarke, W. B. (1990). Crustal degassing, heat flow and tectonics in the Great Artesian Basin, Australia. *EOS, Transactions of the American Geophysical Union*. **71**: p 1588.
- Torgersen, T., Habermehl, M. A., and Clarke, W. B. (1992). Crustal Helium Fluxes and Heat-Flow in the Great Artesian Basin, Australia. *Chemical Geology*. **102**: pp 139-152.
- Torgersen, T., Habermehl, M. A., Phillips, F. M., Elmore, D., Kubik, P., Jones, B. G., Hemmick, T., and Gove, H. E. (1991a). Chlorine 36 dating of very old groundwater; 3, Further studies in the Great Artesian Basin, Australia. *Water Resources Research*. **27**: pp 3201-3213.



Torgersen, T., Habermehl, M. A., Phillips, F. M., Elmore, D., Kubik, P., Jones, B. G., Hemmick, T., and Gove, H. E. (1991b). Cl-36 Dating of Very Old Groundwater.3. Further-Studies in the Great Artesian Basin, Australia. *Water Resources Research*. **27**: pp 3201-3213.

Torgersen, T., Hiyagon, H., Reynolds, J. H., Kennedy, B. M., and Clarke, W. B. (1988a). Argon accumulation and the crustal degassing flux of  $^{40}\text{Ar}$  in the Great Artesian Basin, Australia. In, V. M. *Goldschmidt conference; program and abstracts*. Pennsylvania State Univeresity, PA, United States, Am, United States. p 79.

Torgersen, T., and Ivey, G. N. (1985). Helium accumulation in groundwater, II: A model for the accumulation of the crustal  $4\text{He}$  degassing flux. *Geochimica Et Cosmochimica Acta*. **49**: pp 2445-52.

Torgersen, T., Kennedy, B. M., Hiyagon, H., Chiou, K. Y., Reynolds, J. H., and Clarke, W. B. (1988b). Argon accumulation and the crustal degassing flux of  $^{40}\text{Ar}$  in the Great Artesian Basin, Australia. In Y. Bottinga, editor, *International congress of geochemistry and cosmochemistry*. Elsevier, Amsterdam, Netherlands. p 42

Torgersen, T., Kennedy, B. M., Hiyagon, H., Chiou, K. Y., Reynolds, J. H., and Clarke, W. B. (1988c). Argon Accumulation and the Crustal Degassing Flux of Ar-40 in the Great Artesian Basin, Australia. *Chemical Geology*. **70**: pp 42-42.

Torgersen, T., Kennedy, B. M., Hiyagon, H., Chiou, K. Y., Reynolds, J. H., and Clarke, W. B. (1989). Argon accumulation and the crustal degassing flux of  $^{40}\text{Ar}$  in the Great Artesian Basin, Australia. *Earth and Planetary Science Letters*. **92**: pp 43-56.

Torgersen, T., and Phillips, F. M. (1993). Cl-36 Dating of Very Old Groundwater.3. Further Results on the Great Artesian Basin, Australia - Reply. *Water Resources Research*. **29**: pp 1875-1877.

Toteff, S., and McBriar, M. (1997). Dalhousie Springs. In, *Geological Monuments in South Australia, Part 2*. pp 120-122

Townsend, I. J. (1973). Yardinna No. 1 Stratigraphic Well; Completion Report. *Mineral Resources Review - South Australia Department of Mines and Energy*. **134**: pp 107-122.

Townsend, I. J., and Keeling, J. L. (1993). Opal mining in Australia. In J. T. Woodcock and J. K. Hamilton, editors, *Australasian mining and metallurgy; the Sir Maurice Mawby memorial volume*. Australasian Institute of Mining and Metallurgy, Melbourne, Victoria, Australia. pp 1472-1476

Townsend, J. (2002). Coober Pedy opal field. In V. P. Preiss, editor, *Geoscience 2002; expanding horizons; abstracts of the 16th Australian geological convention*. Geological Society of Australia. Sydney, N.S.W., Australia. 2002.

Tyler, M. J., Twidale, C. R., Davies, M., and Wells, C. B., editors. (1990). *Natural History of the Northeastern Deserts*. Royal Society of South Australia, Adelaide.

Tyre, A. J. (2001). *Risk management for ecologically sustainable development: predicting extinction and recolonisation in the Mound Springs of SA - Final Report*. WMC (Olympic Dam Operations), Unpublished Report.

Tyre, A. J., Possingham, H. P., and Niejalke, D. P. (2001a). Detecting environmental impacts on metapopulations of mound spring invertebrates - Assessing an incidence function model. *Environment International*. **27**: pp 225-229.

Tyre, A. J., Tenhumberg, B., Field, S. A., Niejalke, D., Parris, K., and Possingham, H. P. (2003). Improving precision and reducing bias in biological surveys: estimating false-negative error rates. *Ecological Applications*. **13**: pp 1790-1801.

Tyre, A. J., Tenhumberg, B., and Niejalke, D. J. (2000). Quantifying Errors Of Omission In Biological Surveys. Pages 17-19 in C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heritage and Aboriginal Affairs, Adelaide.

Tyre, A. J., Tenhumberg, B., Niejalke, D. P., and Possingham, H. P., editors. (2001b). *Predicting risk to biodiversity as a function of aquifer pressure in GAB mound springs*. Modelling and Simulation Society of Australia and New Zealand, Canberra ACT.

Tyre, D. J., Possingham, H. P., and Niejalke, D. P. (1998). Estimating background local extinction and recolonisation rates of spring invertebrates from presence/absence data. In N. D.P, editor, *Proceedings of the 2nd Mound Springs Researchers Forum and Spring Management Workshop, Adelaide 1998*. Mound Spring Researchers Group, Adelaide.

Ullman, W. J., and Collerson, K. D. (1994). The Sr-Isotope Record of Late Quaternary Hydrologic Changes around Lake Frome, South-Australia. *Australian Journal of Earth Sciences*. **41**: pp 37-45.

Unmack, P. J. (1994). Desert fishes down under. In D. A. Hendrickson, editor, *Proceedings of the Desert Fishes Council*. Desert Fishes Council, Death Valley, USA. pp 70-94.

Unmack, P. J. (1995). Threats to desert springs. *The Advocate*. **2**.

Veth, P. M. (1989). Islands in the interior: a model for the colonization of Australia's arid zone. *Archaeology in Oceania*. **24**: pp 81-92.

Vine, R. R. (1976a). Eromanga Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 306-308

- Vine, R. R. (1976b). Galilee Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 316-320
- Wade, M. (1985). *Platypterygius australis* (McCoy) 1867; a Cretaceous marine reptile. In P. V. Rich, G. F. van Tets, and F. Knight, editors, *Kadimakara; extinct vertebrates of Australia*. Pioneer Design Studio, Lilydale, Victoria, Australia. pp 137-142
- Wager, R. (1994). *The distribution of two endangered fish in Queensland. Final Report B: The distribution and Status of the Red-finned Blue-eye*. Queensland Department of Primary Industries, Southern Fisheries Centre. Report Number Project 276. Unpublished report to ANCA Endangered Species Program, Canberra.
- Wager, R. (1995a). *Elizabeth Springs Goby and Edgbaston Goby: Distribution and Status. Mid Term Report*. Report Number Project 417. Unpublished Report to ANCA Endangered Species Program, Canberra.
- Wager, R. (1995b). *Recovery plan for Queensland artesian spring fishes*. Report Number Project No. 417. Unpublished report, Australian Nature Conservation Agency, Canberra.
- Wager, R., and Jackson, P. (1993). *The action plan for Australian freshwater fishes*. Report prepared for the Endangered Species Program, Project Number 147. Australian Nature Conservation Agency, Canberra.
- Wager, R., and Unmack, P. J. (2000). *Fishes of the Lake Eyre Catchment of central Australia*. Department of Primary Industries and Queensland Fisheries Service, Brisbane.
- Warburton, P. E. (1866). *Major Warburton's explorations, 1866. Major Warburton's diary (accompanied by map) of explorations in the northern portion of the province in 1866*. South Australian Parliamentary Paper. Report Number 177/1866. Adelaide.
- Warcup, J. (1982). *Wetlands of South Australia: a selective bibliography of their natural history*. Report Number Bibliography No: 4/82. South Australia Department of Environment and Planning Library, Adelaide.
- Ward, L. K. (1914). Notes on the preceding analyses of waters obtained by Captain S.A. White in the far north of South Australia. Pp. 473-474 in Scientific notes on an expedition into the interior of Australia carried out by Capt. S.A. White, MBOU, from July to October, 1913. *Transactions of the Royal Society of South Australia*. **38**: pp 407-474.
- Ward, L. K. (1946). The occurrence, composition, testing and utilisation of underground water in South Australia and the search for further supplies. *Bulletin of the Geological Survey of South Australia*. **23**.

Waterhouse, F. G. (1863). *Features and productions of country on Stuart's track across Australia. Report on the flora and fauna, natural history and physical features of Australia, on the line of John McDouall Stuart's route across that continent from the south to the north coast.* South Australian Parliamentary Paper. Report Number 125/1863. Adelaide.

Waterhouse, J. D., and Armstrong, D. (1991). Operation and management of the Olympic Dam Project water supply scheme. In H. Ventriss, editor, *Proceedings of the International conference on Groundwater in large sedimentary basins.* Australian Water Resources Council, Canberra, A.C.T., Australia. pp 246-255

Waterhouse, J. D., and Beal, J. C. (1980). An assessment of the hydrogeology of the southern Frome Embayment. *Mineral Resources Review - South Australia Department of Mines and Energy.* **149**: pp 9-14.

Watson, D. M. (2002). A conceptual framework for studying species composition in fragments, islands and other patchy ecosystems. *J Biogeography.* **29**: pp 823-834.

Watson, L. E., Uno, G. E., McCarty, N. A., and Kornkven, A. B. (1994). Conservation biology of a rare plant species, *Eriocaulon kornickianum* (Eriocaulaceae). *American Journal of Botany.* **81**: pp 980-986.

Watts, S. H. (1975). Australian Landform example No. 26. Mound Springs. *Australian Geographer.* **13**: pp 52-53.

Webb, A. W., Cooper, J. A., and Richards, J. R. (1963). K-Ar ages on some central Queensland granites. *Journal of the Geological Society of Australia.* **10**: pp 317-324.

Webb, B. P., and Wopfner, H. (1961). Plio-Pleistocene dunes north-west of Lake Torrens, S.A. and their influence on erosional pattern. *Australian Journal of Science.* **23**: pp 379-381.

Webster, T. (1995). Witjira: verdant islands in the desert. *Australian Geographic.* **39**: pp 52-71.

Welsh, W. D. (2000). *GABFLOW; a steady state groundwater flow model of the Great Artesian Basin.* Bureau of Rural Sciences, Department of Agriculture, Fisheries and Forestry, Kingston, Australia.

Welsh, W. D., and Doherty, J. (2005). Great Artesian Basin groundwater modelling. In, *29th Hydrology and Water Resources Symposium, 21–23 February 2005.* Engineers Australia, Canberra.  
file:///D:/My%20Documents/GAB%20Spring%20Project/GAB%20Springs%20Bibliography/Hydrology/13120\_gab2.pdf.

Whatley, R. C., Ballent, S., and Maybury, C. A. (1994a). On *Exposterocythere margaritata* (Krommelbein). *Stereo Atlas of Ostracod Shells.* **21**: pp 91-94.

- Whatley, R. C., Ballent, S., and Maybury, C. A. (1994b). On *Exposterocythere queenslandensis* (Krommelbein). *Stereo Atlas of Ostracod Shells*. **21**: pp 95-98.
- Whatley, R. C., Ballent, S., and Maybury, C. A. (1994c). On *Majungaella ticka* (Krommelbein). *Stereo Atlas of Ostracod Shells*. **21**: pp 99-102.
- White, D. A. (1965). The geology of the Georgetown/ Clarke river area, Queensland. *Bulletin - Australia, Bureau of Mineral Resources, Geology and Geophysics*. **71**: p 165.
- White, S. A. (1914). Scientific notes on an expedition into the interior of Australia carried out by Capt. S.A. White, MBOU, from July to October, 1913. *Transactions of the Royal Society of South Australia*. **38**: pp 407-474.
- Whitehouse, F. W. (1954). *The hydrology of the Queensland portion of the Great Artesian Basin. Appendix G, The artesian water supplies in Queensland*. Queensland Parliamentary Paper. Report Number A56-1955. Queensland Department of the Coodinators General of Public Works, Brisbane.
- Whitten, G. F. (1972). *Great Artesian Basin in South Australia*. Topographic map. 1:1,000,000. Geological Survey of South Australia, Adelaide.
- Williams, A. F. (1972). Celestite occurrences in the western Great Artesian Basin, South Australia. *Quarterly Geological Notes - South Australia, Geological Survey*. **43**: pp 1-4.
- Williams, A. F. (1974). *Sampling and measurement of Great Artesian Basin mound springs, South Australia. Progress Report No. 1. - Dalhousie Springs. Geological Survey Report*. Report Number Report Book No. 74/204. Department of Mines and Energy, South Australia, Adelaide.
- Williams, A. F., and Holmes, J. W. (1978). A novel method of estimating the discharge of water from mound springs of the Great Artesian Basin. *Australian Journal of Hydrology*. **38**: pp 263-272.
- Williams, G. D. (1966). The Great Artesian Basin; origin and history. *The APEA Journal*. **6**: pp 88-92.
- Williams, J., and Coventry, R. J. (1980). The potential for groundwater recharge through red, yellow and grey earth profiles in central North Queensland. In R. E. Volker, editor, *Proceedings of the groundwater recharge conference*. Australian Water Resources Council, Canberra. pp 169-181.
- Williams, W. D. (1967). The Chemical characteristics of lentic surface waters in Australia. In A. H. Weatherley, editor, *Australian Inland Waters and their Fauna: Eleven Studies*. ANU Press, Canberra
- Williams, W. D. (1998a). Biodiversity in salt lakes. In A. J. McComb and J. A. Davis, editors, *Wetlands for the Future*. Gleneagles Publishing, Adelaide. pp 161-166

Williams, W. D. (1998b). Diversity and evolution of the fauna of dryland wetlands? In A. J. McComb and J. A. Davis, editors, *Wetlands for the Future*. Gleneagles Publishing, Adelaide. pp 167-172

Williams, W. D. (1998c). Drylands. In A. J. McComb and J. A. Davis, editors, *Wetlands for the Future*. Gleneagles Publishing, Adelaide. pp 33-47

Williams, W. D. (2000). Conservation Of Wetlands In Drylands: A Key Global Issue. In C. R. Harris, editor, *Proceedings of the 3rd Mound Spring Researchers Forum, Adelaide February 9th, 2000*. Department of Environment, Heratige and Aboriginal Affairs, Adelaide. pp 23-28.

Williams, W. D. (In press). Biodiversity in temporary wetlands in dryland regions. *Verhandlungen der Internationalen Vereinigung fur theoretische und angewandte Limnologie*. **27**.

Wilson, A. F. (1987). The use of isotopes and some trace elements in groundwater research. In Australian Water Resources Council, editor, *Proceedings of the International Conference on Groundwater Systems under Stress Brisbane, Australia, 11 to 16 May 1986*. Australian Government Publishing Service, Canberra. pp 399-404

Wilson, B. (1996). It's all in the balance. *Wildlife Australia*.

Wilson, B. A. (1995). *Artesian Springs of the Great Artesian Basin in Queensland*. Unpublished report to ANCA. Report Number SCAP S012. Queensland Department of Environment and Heritage, Toowoomba.

Wilson, G. D., and Keable, S. J. (2004). A new family and genus of Phreatoicidae (Crustacea, Isopoda) from artesian springs. *Memoirs of the Queensland Museum*. **49**: pp 741-759.

Wiltshire, M. J. (1982a). Late Triassic and Early Jurassic sedimentation in the Great Artesian Basin. In P. S. Moore and T. J. Mount, editors, *Eromanga Basin symposium; summary papers*. Petroleum Exploration Society of Australia, Adelaide. pp 58-67

Wiltshire, M. J. (1982b). Revision of Eromanga Basin limits. In P. S. Moore and T. J. Mount, editors, *Eromanga Basin symposium; summary papers*. Petroleum Exploration Society of Australia, Aust.Australia. pp 68-75

Wischusen, J. D. H., Fifield, L. K., and Cresswell, R. G. (2004). Hydrogeology of palm valley, central Australia; a Pleistocene flora refuge? *Journal of Hydrology*. **293**: pp 20-46.

Withnall, I. W. (1982). Structural elements of the Townsville hinterland. In W. Withall Ian, editor, *Charters Towers-Greenvale area*. Adam Advertising, Australia. pp 4-6

WMC (Olympic Dam Corporation). (1996). *Environmental Monitoring and Management Plan 1996. Unpublished report to the South Australian Government.* WMC (Olympic Dam Corporation) Pty. Ltd., Adelaide.

WMC (Olympic Dam Corporation). (2001). *2001 Annual Report on Environmental Research at Olympic Dam Operations.* Report Number Unpublished Report. WMC (Olympic Dam Corporation), Roxby Downs.

WMC (Olympic Dam Operations). (1996). *Environmental Management Programme, Annual Report 1/3/95-29/2/96.* WMC (Olympic Dam Operations), Roxby Downs.

WMC (Olympic Dam Operations). (1997). *Environmental Monitoring and Management Programme, Annual Report 1/3/96-29/2/97.* WMC (Olympic Dam Operations), Roxby Downs.

WMC (Olympic Dam Operations). (1998). *Environmental Monitoring and Management Programme, Annual Report 1/3/97-29/2/98.* WMC (Olympic Dam Operations), Roxby Downs.

Wolfgang, C. A., and White, I. (2000). Pilliga Sandstone hydrogeochemistry, Great Artesian Basin, Australia. In O. Sililo, S. Appleyard, M. Barrett, E. Braune, W. Burgess, L. Cave, h. Chiang Wen, J. Chilton, C. Colvin, J. Conrad, I. Dennis, J. de Beer, J. Dillon Peter, J. Dottridge, M. Eiswirth, P. Engelbrecht, L. Fraser, B. Frengstad, N. Gale Ian, C. Harris, S. Hughes, N. Lerner David, R. Meyer, K. Morton, R. Murray, R. Parsons, M. Rivett, I. Saayman, N. Stevens, A. S. Talma, R. Taylor, J. Tellam, G. Tredoux, J. Weaver, J. van Tonder Gerrit, B. Verhagen, A. Woodford, A. Fielies, R. Robyntjies, and K. Pretorius, editors, *Groundwater; past achievements and future challenges.* A.A.Balkema. Rotterdam, Netherlands. 2000.

Wood, J. T. D. (1982). Along the Ghan Track. *History Australia.* **1**: pp 57-63.

Woods, D. V., and Lilley, F. E. M. (1980). Anomalous geomagnetic variations and the concentration of telluric currents in south-west Queensland, Australia. *Geophysical Journal.* **62**: pp 675-689.

Woods, P. H., Walker, G. R., and Allison, G. B. (1991). Estimating groundwater discharge at the southern margin of the Great Artesian Basin near Lake Eyre, South Australia. In H. Ventriss, editor, *Proceedings of the International conference on Groundwater in large sedimentary basins.* Australian Water Resources Council, Canberra, A.C.T., Australia. pp 298-309

Wopfner, H. (1960). On some structural development in the central part of the great Australian Artesian Basin. *Transactions of the Royal Society of South Australia.* **83**: pp 179-193.

Wopfner, H. (1963). Post-Winton sediments of probable upper Cretaceous age in the central Great Artesian Basin. *Transactions of the Royal Society of South Australia.* **86**: pp 247-253.

- Wopfner, H. (1964). Permian-Jurassic history of the western Great Artesian Basin. *Transactions of the Royal Society of South Australia*. **88**: pp 117-128.
- Wopfner, H. (1969). The Mesozoic Era. In L. W. Parkin, editor, *Handbook of South Australian Geology*. Geological Survey of South Australia, Adelaide
- Wopfner, H. (1974). Post Eocene history and stratigraphy of north-eastern South Australia. *Transactions of the Royal Society of South Australia*. **98**: pp 1-12.
- Wopfner, H. (1983). Kaolinisation and the formation of silicified wood on Late Jurassic Gondwana surfaces. In R. C. L. Wilson, editor, *Residual deposits; surface related weathering processes and materials*. Geological Society of London, London. pp 27-31
- Wopfner, H. (1985). Some thoughts on the post-orogenic development of northeastern South Australia and adjoining regions. In M. Lindsay John, editor, *Stratigraphy, palaeontology, malacology; papers in honour of Dr. Nell Ludbrook*. South Australia, Department of Mines and Energy, Adelaide, South Aust., Australia. pp 365-372
- Wopfner, H., Callen, R., and Harris, W. K. (1974). The lower Tertiary Eyre Formation of the southwestern Great Artesian Basin. *Journal of the Geological Society of Australia*. **21**: pp 17-51.
- Wopfner, H., Freytag, I. B., and Heath, G. R. (1970). Basal Jurassic-Cretaceous rocks of western Great Artesian Basin, South Australia; stratigraphy and environment. *The American Association of Petroleum Geologists Bulletin*. **54**: pp 383-416.
- Wopfner, H., and Heath, G. R. (1963). New observations on the basal Creta-Jurassic sandstone in the Mount Anna region, South Australia. *Australian Journal of Science*. **26**: pp 57-59.
- Wopfner, H., and Twidale, C. R. (1967). Geomorphological history of the Lake Eyre Basin. In J. N. Jennings and J. A. Mabbutt, editors, *Landform Studies from Australia and New Guinea*. Australian National University Press, Canberra. pp 118-143
- Wopfner, H., and Twidale, C. R. (1988). Formation and age of desert dunes in the Lake Eyre depocentres in central Australia. *Geologische Rundschau*. **77**: pp 815-834.
- Wyborn, D., Somerville, M., Bocking, M., and Murray, A. (1995). Australian hot dry rock geothermal energy potential and a possible test site in the Hunter Valley. In L. Carter, editor, *The AusIMM annual conference 1995; Adding value to our resources; our future; technical proceedings*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria, Australia. pp 31-35
- Wynter, C., Patel, B. K. C., Bain, P., De, J. J., Hamilton, S., and Inkerman, P. A. (1996). A novel thermostable dextranase from a Thermoanaerobacter species cultured from the geothermal waters of the Great Artesian Basin of Australia. *Fems Microbiology Letters*. **140**: pp 271-276.



- Yago, J. V. R., and Fielding, C. R. (1996). Sedimentology of the Middle Jurassic Walloon Coal Measures in the Great Artesian Basin, eastern Australia. In, *Mesozoic geology of the eastern Australia Plate conference*. Geological Society of Australia, Sydney, N.S.W., Australia. pp 574-575
- Youngs, B. C. (1975). *The geology and hydrocarbon potential of the Pedirka Basin*. Report of Investigations. Report Number 44. South Australian Department of Mines and Energy, Geological Survey, Adelaide.
- Youngs, B. C. (1976). Pedirka Basin. In R. B. Leslie, H. J. Evans, and C. L. Knight, editors, *Monograph Series - Australasian Institute of Mining and Metallurgy: Economic geology of Australia and Papua New Guinea, Volume 3, Petroleum*. Australasian Institute of Mining and Metallurgy, Parkville, Victoria. pp 372-373
- Zeidler, W. (1988). Mound Springs and a Marine Biologist. *FOSAM*. **19**: pp 6-11.
- Zeidler, W. (1989). Crustacea. In W. Zeidler and W. F. Ponder, editors, *Natural history of Dalhousie Springs*. South Australian Museum, Adelaide. pp 79-87
- Zeidler, W. (1991). A new genus and species of phreatic amphipod (Crustacea: Amphipoda) belonging in the Chiltonia generic group, from Dalhousie Springs, South Australia. *Transactions of the Royal Society of South Australia*. **115**: pp 177-187.
- Zeidler, W. (1997). A new species of freshwater amphipod, *Austrochiltonia dalhousiensis* sp. nov. (Crustacea: Amphipoda: Hyalellidae) from Dalhousie Springs, South Australia. *Transactions of the Royal Society of South Australia*. **121**: pp 29-42.
- Zeidler, W. F., and Ponder, W. F., editors. (1989). *The natural history of Dalhousie Springs*. South Australian Museum, Special Publication, Adelaide.
- Zhang, M., Frappe, S. K., Love, A. J., and Herczeg, A. L. (2002). Chlorine stable isotope studies of old groundwater, southwestern Great Artesian Basin, Australia. In, *Geological Society of America, 2002 annual meeting*. Geological Society of America (GSA). Boulder, CO, United States. 2002.