

REFERENCES

- Abele, C., Kenley, P.R., Holdgate, G. and Ripper, D., 1976. Otway Basin. In: Douglas, J.G. and Ferguson, J.A. (Eds), *The geology of Victoria. Geological Society of Australia. Special Publication*, 5:198-229.
- Alexander, E.M., 1992. Geology and petrophysics of petroleum reservoirs from the Otway Group, Otway Basin. ERDC Project 1424, SENRAC Project 3/89. End of Grant Report (unpublished).
- Alexander, J. and Leeder, M.R., 1987. Active tectonic control on alluvial architecture. In: Ethridge, F.G., Flores R.M. and Harvey, M.D. (Eds), *Recent developments in fluvial sedimentology. Society of Economic Paleontologists and Mineralogists. Special Publication*, 39:243-252.
- Alliance Oil Development Australia NL, 1967. Robertson No. 1 well completion report. *South Australia. Department of Mines and Energy. Open file Envelope*, 774 (unpublished).
- Arditto, P., 1995. The eastern Otway Basin Wangerrip Group revisited using an integrated sequence stratigraphic methodology. *APEA Journal*, 35:372-384.
- Austin, R., 1992. Source potential of the Early Cretaceous Laira Formation, western Otway Basin. *University of Adelaide. B.Sc. (Hons) thesis* (unpublished).
- Bain, J.S., 1962. Pretty Hill No. 1, well completion report, for Frome-Broken Hill Pty Ltd (unpublished).
- Bain, J.S. and McQueen, A.G., 1964. Port Campbell No. 1 and No. 2 wells, Victoria, Australia. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Petroleum Search Subsidy Acts. Publication*, 18.
- Baker, G., 1943. Eocene deposits south east of Princeton, Victoria. *Royal Society of Victoria. Proceedings*, 55(2):237-254.
- Baker, G., 1950. Geology and physiography of the Moonlight Head district, Victoria. *Royal Society of Victoria. Proceedings*, 60(1):17-43.
- Baker, G., 1953. The relationships of Cyclammina bearing sediments of the Older Tertiary deposits, south west of Princeton, Victoria. *National Museum of Victoria. Memoirs*, 18:125-134.
- Barrett, P.J., 1991. The Devonian to Jurassic Beacon Supergroup of the Transantarctic Mountains and correlations in other parts of Antarctica. In: Tingey, R.J. (Ed.), *The geology of Antarctica*. Clarendon Press, Oxford, pp.120-152.
- Benedek, S. and Douglas, J.G., 1988. Otway Basin, eastern part. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.222-228.
- Blake, W.J.R., 1980. Geology and hydrogeology of the Early Tertiary sediments of the Otway Basin. *La Trobe University (Victoria). M.Sc. thesis* (unpublished).
- Bock, P.E. and Glenie, R.C., 1965. Late Cretaceous and Tertiary depositional cycles in southwestern Victoria. *Royal Society of Victoria. Proceedings*, 79(1):153-163.
- Bourman, R.P., 1987. A review of controversial issues related to the late Palaeozoic glaciation of southern South Australia. In: Gairdner, V. (Ed.), *International geomorphology, 1986. Part II*. John Wiley and Sons Ltd, pp.725-742.
- Boutakoff, N. and Sprigg, R.C., 1953. Summary report of the petroleum possibilities of the Mount Gambier Sunklands. *Mining and Geology Journal of Victoria*, 5(2):28-42.
- Bowen, K.G., 1974. Potassium-argon dates — determinations carried out for the Geological Survey of Victoria. *Victoria. Geological Survey. Report*, 1974/79.
- Bowen, R.L. and Thomas, G.A., 1988. Permian. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.195-212.
- Bradshaw, M., 1993. Australian petroleum systems. *PESA Journal*, 21:43-53.
- Brown, C.M. and Stephenson, A.E., 1991. Geology of the Murray Basin, southeastern Australia. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Bulletin*, 235.
- Brown, C.M., Tucker, D.H. and Anfiloff, V., 1988. An interpretation of the tectonostratigraphic framework of the Murray Basin region of southern Australia, based on an examination of air-borne magnetic patterns. *Tectonophysics*, 154:309-333.
- Buffin, A.J., 1989. Waarre Sandstone development within the Port Campbell embayment. *APEA Journal*, 29:299-311
- Buffin, A.J., Sutherland, A.J. and Gorski, J.A., 1995. Gas detection in the onshore Otway Basin using array sonic waveform data. *APEA Journal*, 35:507-516.
- Burger, D., 1980. Palynological studies in the Lower Cretaceous of the Surat Basin, Australia. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Bulletin*, 189.
- Caffee, M.W., Hudson, G.B., Velsko, C., Alexander, V.C., Huss, G.R. and Chivas, A.R., 1988. Non-atmospheric noble gases from CO₂ well gases. In: *19th Lunar and Planetary Science Conference, Houston, Texas, 1988*. Volume 1:154-155.
- Cande, S.C. and Mutter, J.C., 1982. A revised identification of the oldest sea-floor spreading anomalies between Australia and Antarctica. *Earth and Planetary Science Letters*, 58:151-60.

- Carter, A.N., 1958. Tertiary foraminifera from the Aire District, Victoria. *Victoria. Geological Survey. Bulletin*, 55.
- Carter, A.N., 1964. Tertiary foraminifera from Gippsland, Victoria and their stratigraphical significance. *Victoria. Geological Survey. Memoirs*, 23.
- Carter, R.M. and Norris, R.J., 1976. Cainozoic history of southern New Zealand; and accord between geological observations and plate tectonic predictions. *Earth and Planetary Science Letters*, 31:85-94.
- Chatfield, K., 1992. The relationship between volcanics, associated intrusives and carbon dioxide within the Otway Basin, South Australia. *University of Adelaide. B.Sc. (Hons) thesis* (unpublished).
- Chivas, A.R., Barnes, I., Evans, W.C., Lupton, J.E. and Stone, J.O., 1987. Liquid carbon dioxide of magmatic origin and its role in volcanic eruptions. *Nature*, 326(6113):587-589.
- Cockshell, C.D., O'Brien, G.W., McGee, A., Lovibond, R., Perincek, D. and Higgins, R., 1995. Western Otway Crayfish Group troughs. *APEA Journal*, 35:385-404.
- Constantine, A.J., 1992. Fluvial architecture and sedimentology of the Late Jurassic-Early Cretaceous Strzelecki and Otway Groups. *Geological Society of Australia. Abstracts*, 32:145.
- Cookson, I.C., 1955. The occurrence of Palaeozoic microspores in Australian Upper Cretaceous and Lower Tertiary sediments. *Australian Journal of Science*, 18:56-58.
- Cooper, G., Hill, K.C. and Wlasenko, M., 1993. Thermal modelling in the eastern Otway Basin. *APEA Journal*, 33:205-213.
- Crawford, A., 1988. Cambrian. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.37-62.
- Crespin, I., 1943. The stratigraphy of the Tertiary marine rocks in Gippsland, Victoria. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Bulletin*, 9.
- Currie, T.J., Alexander, R. and Kagi, R.I., 1992. Coastal bitumens from Western Australia — long distance transport by ocean currents. *Organic Geochemistry*, 18:595-601.
- Daily, B., Milnes, A.R., Twidale, C.R. and Bourne, J.A., 1979. Geology and geomorphology. In: Tyler, M.J. Twidale, C.R. and Ling, J.K. (Eds), *Natural history of Kangaroo Island. Royal Society of South Australia. Occasional Publications*, 2:1-29.
- Daily, B., Twidale, C.R. and Milnes, A.R., 1974. The age of the lateritised summit surface on Kangaroo Island and adjacent areas of South Australia. *Geological Society of Australia. Journal*, 21(4):387-392.
- Davies, D.K., Williams, B.P.J. and Vessell, R.K., 1993. Dimensions and quality of reservoirs originating in low and high sinuosity channel systems, Lower Cretaceous Travis Peak Formation, East Texas, USA. In: North, C.P. and Prosser, D.J. (Eds), *Characterisation of fluvial and aeolian regions. Geological Society of London. Special Publication*, 73:95-122.
- Denham, D. and Windsor, C.R., 1991. The crustal stress pattern in the Australian continent. *Exploration Geophysics*, 22:101-106.
- Denham, J. and Brown, B.R., 1976. A new look at the Otway Basin. *APEA Journal*, 16:91-98.
- Dettmann, M.E., 1963. Upper Mesozoic microfloras from south eastern Australia. *Royal Society of Victoria. Proceedings*, 77:1-48.
- Dettmann, M.E., 1986. Early Cretaceous palynoflora of subsurface strata correlative with the Koonwarra Fossil Bed, Victoria. *Association of Australasian Palaeontologists. Memoir*, 3:79-110.
- Dettmann, M.E. and Douglas, J.G., 1976. Mesozoic palaeontology. *Geological Society of Australia. Special Publication*, 5:164-169.
- Dettmann, M.E. and Douglas, J.G., 1988. Lower Cretaceous: palaeontology. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.234-240.
- Dettmann, M.E. and Playford, G., 1969. Palynology of the Australian Cretaceous: a review. In: Campbell, K.S.W. (Ed.), *Stratigraphy and palaeontology. Essays in honour of Dorothy Hill*. ANU Press, Canberra, pp.174-210.
- Do Rozario, R.F. and Baird, B.W., 1987. Detection and significance of fractures in the Palm Valley gasfield. *APEA Journal*, 27:264-280.
- Douglas, J.G., 1988. Triassic. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.213-216.
- Douglas, J.G. and Ferguson, J.A., 1976. Geology of Victoria. *Geological Society of Australia. Special Publication*, 5.
- Drexel, J.F., Preiss, W.V. and Parker, A.J. (Eds), 1993. The geology of South Australia, Volume 1: The Precambrian. *South Australia. Geological Survey. Bulletin*, 54.
- Drossos, S., 1989. The sedimentology and structure of the Early Cretaceous Moonlight Head Member, Moonlight Head region, southwest Victoria. *Latrobe University (Victoria). B.Sc. (Hons) thesis* (unpublished).
- Ducharme, R.O., 1983. SH-18-81 CH geochemical survey. Off-shore Navigation (Australia) Pty Ltd and E.G. and G. International Inc. (contractors) report for Ultramar Australia Inc. *South Australia. Department of Mines and Energy. Open file Envelope*, 4506:3-47 (unpublished).
- Duddy, I.R., 1983. The geology, petrology and geochemistry of the Otway Formation volcanogenic sediments. *University of Melbourne. Ph.D. thesis* (unpublished).
- Edsworthy, K.J., 1963. A petrological study of sediments from the Pretty Hill No. 1 well, Otway Basin, Victoria. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Record*, 1964/185.
- Edwards, A.B. and Baker, G., 1943. Jurassic arkose in southern Victoria. *Royal Society of Victoria. Proceedings*, 55:195-228.
- Ellenor, D.W., 1976. Otway Basin. In: *Economic geology of Australia and Papua New Guinea*, 3, Petroleum. *Australasian Institute of Mining and Metallurgy. Monograph Series*, 7:82-91.
- Embleton, B.J.J., 1984. Australia's global setting: past global settings. In: Veevers, J.J. (Ed.), *Phanerozoic Earth history of Australia. Oxford Geological Sciences Series*, 2:11-17.
- Evans, P.R., 1966. Mesozoic stratigraphic palynology in the Otway Basin. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Record*, 1966/69.

- Evans, P.R., 1971. Palynology. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Report*, 134:30-35.
- Eyles, D.R., 1974. Well completion report, Trumpet No. 1, SA, for Esso Exploration and Production Australia Inc. *South Australia. Department of Mines and Energy. Open file Envelope*, 6526:1-75 (unpublished).
- Finlayson, D.M., Finlayson, B., Reeves, C.V., Milligan, P.R., Cockshell, C.D., Johnstone, D.W. and Morse, M.P., 1994. The western Otway Basin — a tectonic framework from new seismic, gravity and aeromagnetic data. *Exploration Geophysics*, 24(3/4):493-500.
- Flint, D.J., Flint, R.B. and Flintoft, M.W., 1992. Flint deposits in the South-East. *Mines and Energy Review, South Australia*, 158:70-74.
- Flöttmann, T. and Cockshell, C.D. (in prep.). Palaeozoic basins of southern South Australia: new insights to their structural history from regional seismic data. *Australian Journal of Earth Sciences*.
- Foden, J.D., 1991. The age of basalts in Hatherleigh 1 drillhole. In: Sagasco Resources Ltd, Hatherleigh 1 well completion report. *South Australia. Department of Mines and Energy. Open file Envelope*, 7287:109-114 (unpublished).
- Foden, J.D., Turner, S.P. and Morrison, R.S., 1990. Tectonic implications of Delamerian magmatism in South Australia and western Victoria. *Geological Society of Australia. Special Publication*, 16:465-482.
- George, A.D., 1994. Tidal sedimentation in part of the Late Silurian Grampians Group, southeastern Australia. *Journal of Sedimentary Research*, B64(3):311-325.
- Gerdes, R.A., 1987. Western Otway Basin regional magnetic field study. *South Australia. Geological Survey. Quarterly Geological Notes*, 101:2-8.
- Gleadow, A.J.W. and Duddy, I.R., 1981. Early Cretaceous volcanism and the early breakup history of southeastern Australia: evidence from fission track dating of volcanoclastic sediments. In: Cresswell, M.M. and Vella, P., *Proceedings of the 5th International Gondwana Symposium, Wellington, New Zealand, 1981*. A.A. Balkema, Rotterdam, pp.295-300.
- Glen, R.A., Scheibner, E. and VandenBerg, A.H.M., 1992. Palaeozoic intraplate escape tectonics in Gondwanaland and major strike-slip duplication in the Lachlan orogen of southeastern Australia. *Geology*, 20:795-798.
- Glenie, R.C., 1971. Upper Cretaceous and Tertiary rock stratigraphic units in the central Otway Basin. In: Wopfner, H. and Douglas J.G. (Eds), *The Otway Basin of southeastern Australia. South Australia and Victoria. Geological Survey. Special Bulletin*, pp.193-215.
- Gravestock, D.I. (in prep.). The Cambrian of southern Australia.
- Gravestock, D.I., Hill, A.J. and Morton, J.G.G., 1986. A review of the structure, geology and hydrocarbon potential of the Otway Basin in South Australia. *South Australia. Department of Mines and Energy. Report Book*, 86/77.
- Haq, B.U., Hardenbal, J. and Vail, P.R., 1987. Chronology of fluctuating sea levels since the Triassic. *Science*, 235(4793): 1156-1167.
- Harding, R.R., 1969. Catalogue of age determinations carried out by the R-Ar, Rb-Sr, Re-Os and Pb methods on Australian rocks between June, 1962 and December, 1965. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Report*, 117.
- Harland, W.B., Cox, A.V., Llewellyn, P.G., Pickton, C.A.G., Smith, A.G. and Walters, R., 1982. *A geological time scale*. Cambridge University Press, Cambridge.
- Harris, W.K., 1965. Basal Tertiary microfloras from the Princetown area, Victoria, Australia. *Palaeontographica. Abteilung B*, 115:75-106.
- Harris, W.K., 1966. New and redefined names in South Australia lower Tertiary stratigraphy. *South Australia. Geological Survey. Quarterly Geological Notes*, 20:1-3.
- Harris, W.K., 1971. Tertiary stratigraphic palynology, Otway Basin. In: Wopfner, H. and Douglas J.G. (Eds), *The Otway Basin of southeastern Australia. South Australia and Victoria. Geological Survey. Special Bulletin*, pp.67-87.
- Harris, W.K., 1985. Middle to Late Eocene depositional cycles and dinoflagellate zones in northern Australia. In: Lindsay, J.M. (Ed.), *Stratigraphy, palaeontology, malacology — papers in honour of Dr Nell Ludbrook. South Australia. Department of Mines and Energy. Special Publication*, 5:133-144.
- Hedberg, H.D., 1976. *International stratigraphic guide*. J.Wiley and Sons.
- Heggie, D., McKirdy, D., Exon, N. and Lee, L-S., 1988. Hydrocarbon gases, heat-flow and development of the offshore Otway Basin. *Pesa Journal*, 13:32-42.
- Helby, R., Morgan, R.P. and Partridge, A.D., 1987. A palynological zonation of the Australian Mesozoic. *Association of Australasian Palaeontologists. Memoir*, 4:1-94.
- Hill, A.J., 1991. Revisions to the Cretaceous stratigraphic nomenclature of the Bight and Duntroon Basins, South Australia. *South Australia. Geological Survey. Quarterly Geological Notes*, 120.
- Hill, A.J., 1995. Burial and thermal history modelling and source rock distribution of the Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Report Book*, 95/9.
- Hill, B., 1967. Petrological report on Core No. 3. In: Alliance Oil Development Australia NL, completion report, Robertson well No. 1, OEL 22. *South Australia. Department of Mines and Energy. Open file Envelope*, 774:16-17 (unpublished).
- Hill, K.A., Cooper, G.T. and Mitchell, M.M., 1994. Burial, heat pulses, inversion and denudation in the Otway Basin. In: Finlayson, D.M. (Compiler), *NGMA/PESA Otway Basin Symposium, Melbourne, 1994. Extended abstracts. Australian Geological Survey Organisation. Record*, 1994/14:49-54.
- Hill, K.A., Finlayson, D.M., Hill, K.C., Perincek, D. and Finlayson, B., 1994. The Otway Basin: pre-drift tectonics. In: Finlayson, D.M. (Compiler), *NGMA/PESA Otway Basin Symposium, Melbourne, 1994. Extended abstracts. Australian Geological Survey Organisation. Record*, 1994/14:49-54.
- Hillis, R.R., Monte, S.A., C.P. Tan and Willoughby, D.R., 1995. The contemporary stress field of the Otway Basin, South Australia: implications for hydrocarbon exploration and production. *APEA Journal*, 35:494-506.

- Holdgate, G.R., 1982. Stratigraphy, sedimentology and hydrocarbon prospects of the Dilwyn Formation, in the central Otway Basin of south-eastern Australia. *Royal Society of Victoria. Proceedings*, 93(2):129-148.
- Holdgate, G.R., Mackay, G.H. and Smith, G.C., 1986. The Portland Trough, Otway Basin — geology and petroleum potential. In: Glenie, R.C. (Ed.), *2nd South-eastern Australia Oil Exploration Symposium, Melbourne, 1985. Technical papers*. Petroleum Exploration Society of Australia (Victorian and Tasmanian Branches), pp.219-232.
- Hornibrook, N.deB., 1967. New Zealand Tertiary microfossil zonation correlation and climate. In: Hatai, K. (Ed.), *Tertiary correlations and climatic changes in the Pacific*. Symposium 25, 11th Pacific Science Congress, Tokyo, 1966. Sasaki Printing and Publishing Co. Ltd., Sendai, Japan, pp.29-39.
- Hornibrook, N.deB. and Edwards, A.R., 1971. Integrated planktonic foraminiferal and calcareous nanoplankton datum levels in the New Zealand Cenozoic. In: Farinacci, A. and Matteucci, R. (Eds), *2nd planktonic conference, Roma, 1970. Proceedings*, 1:649-657.
- James, H.E. and van Houten, F.B., 1979. Miocene goethitic and chamositic oolites, north-eastern Colombia. *Sedimentology*, 26:125-133.
- James, N.P., Bone Y., von der Borch, C.C. and Gostin, V.A., 1992. Modern carbonate and ferruginous clastic sediments on a cool water, high energy, mid-latitude shelf: Lacedpede, southern Australia. *Sedimentology*, 39:877-903.
- Jell, P.A. and Roberts, J. (Eds), 1986. Plants and invertebrates from the Lower Cretaceous Koonwarra Fossil Bed, South Gippsland, Victoria. *Australian Association of Palaeontologists. Memoir*, 3.
- Jenkins, R.J.F., 1990. The Adelaide Fold Belt: tectonic reappraisal. *Geological Society of Australia. Special Publication*, 16:396-420.
- Johns, M.W., 1971. Geochemistry of groundwaters in the Otway Basin of south-western Victoria. In: Wopfner, H. and Douglas J.G. (Eds), *The Otway Basin of southeastern Australia. South Australia and Victoria. Geological Survey. Special Bulletin*, pp.363-375.
- Kenley, P.R., 1954. The occurrence of marine Cretaceous sediments in south-western Victoria. *Royal Society of Victoria. Proceedings*, 66:1-16.
- Kenley, P.R., 1976. Lower Cretaceous: Otway Basin, western part. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria. Geological Society of Australia. Special Publication*, 5:213-216.
- Kenley, P.R., 1988. Lower Cretaceous: Otway Basin, western part. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.217-222.
- Kopsen, E. and Scholefield, T., 1990. Prospectivity of the Otway Supergroup in the central and western Otway Basin. *APEA Journal*, 30:263-279.
- Laing, S., Dee, C.N. and Best, P.W., 1989. The Otway Basin. *APEA Journal*, 29:417-429.
- Leeder, M.R., 1993. Tectonic controls upon drainage basin development, river channel migration and alluvial architecture: implications for hydrocarbon reservoir development and characterisation. In: North, C.P. and Prosser, D.J. (Eds), *Characterisation of fluvial and aeolian reservoirs. Geological Society of London. Special Publication*, 73:1-6.
- Leeder, M.R. and Gawthorpe, R.L., 1987. Sedimentary models for extensional tilt-block/half graben basins. In: Coward, M.P., Dewey, J.F. and Hancock, P.L. (Eds), *Continental extensional tectonics, Geological Society of London. Special Publication*, 28:139-152.
- Leslie, R.B., 1966. Petroleum exploration in the Otway Basin. In: Madigan, R.T., Woodcock, J.T. and Thomas, R.G. (Eds), *8th Commonwealth Mining and Metallurgy Congress, Melbourne, 1965. Proceedings*, 5(petroleum):203-216.
- Lindsay, J.M., 1967. E and WS Department Millicent Bores 2 and 5, micropalaeontological examination of Gambier Limestone sections. *South Australia. Department of Mines. Report Book*, 64/116.
- Lindsay, J.M., 1985. Aspects of South Australian Tertiary foraminiferal biostratigraphy, with emphasis on studies of *Massilina* and *Subbotina*. In: Lindsay, J.M. (Ed.), *Stratigraphy, Palaeontology, Malacology — papers in honour of Dr Nell Ludbrook. South Australia. Department of Mines and Energy. Special Publication*, 5:187-232.
- Little, B.M. and Phillips S.E., 1995. Detrital and authigenic mineralogy of the Pretty Hill Formation in the Penola Trough, Otway Basin: implications for future exploration and production. *APEA Journal*, 35:538-557.
- Lovibond, R., Sutill, R.J., Skinner, J.E. and Aburas, A.N., 1995. The hydrocarbon potential of the Penola Trough, Otway Basin. *APEA Journal*, 35:358-371.
- Ludbrook, N.H., 1957. A reference column for the Tertiary sediments of the South Australian portion of the Murray Basin. *Royal Society of New South Wales. Journal and Proceedings*, 90:174-180.
- Ludbrook, N.H., 1961. Stratigraphy of the Murray Basin in South Australia. *South Australia. Geological Survey. Bulletin*, 36.
- Ludbrook, N.H., 1962. Mt Salt structure drilling project of Oil Development NL. Palaeontological report. *South Australia. Department of Mines. Report Book*, 680.
- Ludbrook, N.H., 1971. Stratigraphy and correlation of marine sediments in the western part of the Gambier Embayment. In: Wopfner, H. and Douglas J.G. (Eds), *The Otway Basin of southeastern Australia. South Australia and Victoria. Geological Survey. Special Bulletin*, pp.47-66.
- Ludbrook, N. and Lindsay, J.M., 1969. Tertiary foraminiferal zones in South Australia. In: Bronnimann, P. and Renz, H.H. (Eds), *1st International Conference on Planktonic Microfossils. Proceedings*, 2:366-374.
- Luxton, C.W., Horan, S.T., Pickavance, D.L. and Durham, M.S., 1995. The La Bella and Minerva gas discoveries, offshore Otway Basin. *APEA Journal*, 35:405-417.

- Macphail, M.K., Alley, N.F., Truswell, E.M. and Sluiter, I.R.K., 1994. Early Tertiary vegetation: evidence from spores and pollen. In: Hill, R.S. (Ed.), *History of Australian vegetation: Cretaceous to Recent*. Cambridge University Press, Cambridge, pp.189-261.
- Macphail, M.K. and Truswell, E.M., 1989. Palynostratigraphy of the central west Murray Basin. *BMR Journal of Australian Geology and Geophysics*, 11(3):301-331.
- Malavazos, M. and McDonough, R.C.M., 1991. Pressure-transient response in compartmentalised gas reservoirs: a South Australian field example. In: *SPE Asia-Pacific Conference, Perth, 1991. Proceedings*, SPE paper 23009.
- Martin, H.E., 1984. The use of quantitative relationships and palaeoecology in stratigraphic palynology of the Murray Basin in New South Wales. *Alcheringa*, 8:253-272.
- Martin, K.R., 1992. Petrology of the Eumeralla Formation to basement interval in Sawpit No. 1, South Australia. In: Tabassi, A. and Robbie, S.M., Sawpit No. 1 well completion report, PEL 27, South Australia, for Oil Company of Australia Ltd. *South Australia. Department of Mines and Energy. Open file Envelope*, 7420:223-279 (unpublished).
- Martin, R.R., 1995. The hydrostratigraphy of the South-East, South Australia. *South Australia. Department of Mines and Energy. Report Book*, 95/10.
- McClung, G., 1990. Well completion report — Ladbroke Grove No. 1, PEL 32, Otway Basin, South Australia, for Ultramar Australia Inc. *South Australia. Department of Mines and Energy. Open file Envelope*, 7189:1-1785 (unpublished).
- McGowran, B., 1973. Observation Bore No. 2, Gambier Embayment of the Otway Basin: Tertiary micropalaeontology and stratigraphy. *Mineral Resources Review, South Australia*, 135:43-55.
- McGowran, B., 1978. Early Tertiary foraminiferal biostratigraphy in southern Australia: a progress report. In: The Crespin Volume: essays in honour of Irene Crespin. *Bureau of Mineral Resources, Geology and Geophysics Australia. Bulletin*, 192:83-95.
- McGowran, B., 1991. Maastrichtian and early Cainozoic, southern Australia: planktonic foraminiferal biostratigraphy. In: Williams, M.A.J., De Deckker, P. and Kershaw, A.P. (Eds), *The Cainozoic in Australia: a re-appraisal of the evidence. Geological Society of Australia. Special Publication*, 18:79-98.
- McGowran, B. and Li, Q., 1993. Miocene planktonic foraminifera from Lakes Entrance in Gippsland: mid-latitude neritic signals from a transforming ocean. In: Jell, P.A. (Ed.), *Palaeontological studies in honour of Ken Campbell. Association of Australasian Palaeontologists. Memoir*, 15:395-405.
- McGowran, B., Moss, G. and Beecroft, A., 1992. Late Eocene and Early Oligocene in southern Australia: local neritic signals of global oceanic changes. In: Prothero, D.R. and Berggren, W.A. (Eds), *Eocene-Oligocene climatic and biotic evolution*. Princeton Series in Geology and Paleontology, Princeton, pp.178-201.
- McKirdy, D.M., 1985. Otway Basin coastal bitumens: elemental and stable isotopic compositions, and biological marker geochemistry. Amdel report F6176/85, for South Australian Department of Mines and Energy. *South Australia. Department of Mines and Energy. Open file Envelope*, 5876:403-440 (unpublished).
- McKirdy, D.M., 1986. Geochemistry of oil from Caroline 1, Otway Basin. Amdel report F6433/86, for South Australian Department of Mines and Energy. *South Australia. Department of Mines and Energy. Open file Envelope*, 5876 (unpublished).
- McKirdy, D.M. and Chivas, A.R., 1992. Non-biodegraded aromatic condensate associated with volcanic supercritical carbon dioxide, Otway Basin: implications for primary migration from terrestrial organic matter. *Organic Geochemistry*, 18(5):611-627.
- McKirdy, D.M., Cox, R.E., O'Leary, T. and Watson, B.C., 1986. Source rock and reservoir bitumen analysis, Crayfish A1, Otway Basin, SA. Amdel report, for Chevron Overseas Petroleum. *South Australia. Department of Mines and Energy. Open file Envelope*, 5876:897-976 (unpublished).
- McKirdy, D.M. and Horvath, Z., 1976. Geochemistry and significance of coastal bitumen from southern and northern Australia. *APEA Journal*, 16(1):123-136.
- McKirdy, D.M. and Padley, D. (Compilers), 1992. Otway Basin rock-eval database. *South Australia. Department of Mines and Energy. Open file Envelope*, 5876 (unpublished).
- McKirdy, D.M., Summons, R.E., Padley, D., Serafini, K.M., Boreham, C.J. and Struckmeyer, H.I.M., 1994. Molecular fossils in coastal bitumens from southern Australia: signatures of precursor biota and source rock environments. *Organic Geochemistry*, 21(314):265-286.
- McKirdy, D.M., Watson, B.C. and O'Leary, T., 1984. Source rock evaluation, Breaksea Reef 1, EPP 18, Otway Basin — Amdel report F6370/84 part 4 (final), for Ultramar Australia Inc. In: Ultramar Australia Inc. Breaksea Reef 1 well completion report. *South Australia. Department of Mines and Energy. Open file Envelope*, 5631:154-225 (unpublished).
- McQueen, A.F., 1961. The geology of the Otway Basin. *Australian Oil and Gas Journal*, 8(2):8-12.
- Medwell, G.J., 1977. Palaeocurrent directions in Otway Group sediments, Otway Ranges, southeastern Australia. *Royal Society of Victoria. Proceedings*, 89(1):27-50.
- Mehin, K. and Link, A.G., 1994. Source, migration and entrapment of hydrocarbons and carbon dioxide in the Otway Basin, Victoria. *APEA Journal*, 34:439-459.
- Meyer, G.M., 1982. Geology of the Kingston lignite deposit. In: Mallett, C.W. (Ed.), *Coal resources: origin, exploration and utilization in Australia*. Geological Society of Australia (Coal Group), Melbourne, pp.92-104.
- Michael Williams and Associates Pty Ltd, 1992. An environmental audit of seismic exploration in the South-East of South Australia. Report prepared for Mines and Energy South Australia. (unpublished).
- Milnes, A.R., 1989. The Encounter Bay Granites, Fleurieu Peninsula and Kangaroo Island. *Geological Society of Australia. Special Publication*, 16:421-449.
- Milnes, A.R., Cooper, B.J. and Cooper, J.A., 1982. The Jurassic Wisanger Basalt of Kangaroo Island, South Australia. *Royal Society South Australia. Transactions*, 106(1):1-13.

- Montague, E.T., 1989. The Eumeralla Formation: sedimentation and potential reservoir development, Otway Basin, South Australia. *National Centre for Petroleum Geology and Geophysics. University of Adelaide. B.Sc. (Hons) thesis* (unpublished).
- Moore, D.C., 1993. *Productive low resistivity well logs of the offshore Gulf of Mexico*. Houston and New Orleans Geological Societies.
- Morgan, R.P., 1980. Palynostratigraphy of the Australian Early and Middle Cretaceous. *New South Wales. Geological Survey. Memoirs, Palaeontology*, 18:1-153.
- Morgan, R.P., 1985. Palynology review of selected oil drilling, Otway Basin, South Australia, for Ultramar Australia Inc., *South Australia. Department of Mines and Energy. Open file Envelope*, 6758 (unpublished).
- Morgan, R.P., 1986. Otway Basin oil drilling: a selective palynology review. In: *The petroleum geology of the Otway Basin. A non-exclusive study by P. Connard Pty Ltd. Appendix 1* (unpublished).
- Morgan, R.P., 1989. Well completion reports: Katnook 1 and 2. Reports for Ultramar Australasia Inc. (unpublished).
- Morgan, R.P., 1990. Palynology of Ultramar Laira 1, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Open file Envelope*, 7257(6):295-315 (unpublished).
- Morgan, R.P., 1991. Review of palynology, Copa 1 well, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Open file Envelope*, 8163:3-20 (unpublished).
- Morgan, R.P., 1993. New palynology of the Laira Shale in Katnook 1, 2, and 3, Banyula 1, Laira 1, Ladbroke Grove 1 and Kalangadoo 1, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Confidential Envelope*.
- Moriarty, N.J., Taylor, R.J. and Daneel, G.J., 1995. The Sawpit structure — evaluation of a fractured basement reservoir play. *APEA Journal*, 35:558-578.
- Morley, C.K., Nelson, R.A., Patton, T.L. and Munn, S.G., 1990. Transfer zones in the East Africa rift system and their relevance to hydrocarbon exploration in rifts. *AAPG Bulletin*, 74(8):1234-1253.
- Morton, J.G.G., 1990a. Gas reserves of Ladbroke Grove Field, PEL 32, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Report Book*, 862.
- Morton, J.G.G., 1990b. Gas reserves of Katnook Field, PEL 32, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Report Book*, 863.
- Morton, J.G.G., 1990c. Revisions to stratigraphic nomenclature of the Otway Basin, South Australia. *South Australia. Geological Survey. Quarterly Geological Notes*, 116:2-19.
- Morton, J.G.G., 1992. Undiscovered petroleum — assessments of the potential of the Officer and Otway Basins in South Australia. *Mines and Energy Review, South Australia*, 158:40-47.
- Morton, J.G.G., 1993. Evaluation of the Troas 1 discovery (Otway Basin). *South Australia. Department of Mines and Energy. Report Book*, 93/31.
- Morton, J.G.G., Hill, A.J., Parker, G. and Tabassi, A., 1994. Towards a unified stratigraphy for the Otway Basin. In: Finlayson, D.M. (Compiler), NGMA/PESA Otway Basin Symposium, Melbourne, 1994. Extended abstracts. *Australian Geological Survey Organisation. Record*, 1994/14:49-54.
- Moss, G. and McGowran, B., 1993. Foraminiferal turnover in neritic environments: the end Eocene and mid-Oligocene events in southern Australia. In: Jell, P.A. (Ed.), *Palaeontological studies in honour of Ken Campbell. Association of Australasian Palaeontologists. Memoir*, 15:407-416.
- Mulready, J., 1977. The Caroline carbon dioxide Field and associated carbon dioxide occurrences, Gambier Embayment, South Australia. *APEA Journal*, 17:121-127.
- Nelson, R.A., Patton, T.L. and Morley, C.K., 1992. Rift segment interaction and its relation to hydrocarbon exploration in continental rift systems. *AAPG Bulletin*, 76(8):1153-1169.
- Nelson, R.G., Crabb, T.N. and Gerdes, R.A., 1986. A review of geophysical exploration in the Polda Basin, South Australia. *APEA Journal*, 26(1):319-333.
- Northcott, I., 1990. PEL 32, Pretty Hill Sandstone, core to log analysis project, for Ultramar Australia Inc. (confidential).
- O'Brien, G.W., Reeves, C.V., Milligan, P.R., Morse, M.P., Alexander, E.M., Willcox, J.B., Yunxuan, Z., Finlayson, D.M. and Brodie, R.C., 1994. New ideas on the rifting history and structural architecture of the western Otway Basin: evidence from the integration of aeromagnetic, gravity and seismic data. *APEA Journal*, 34(1):529-555.
- O'Callaghan, E.J., 1993. Visualisation of transpressional structures in the eastern Otway Basin. *Exploration Geophysics*, 24:743-750
- Ozmic, S., 1986. Non-petroleum gas accumulations, Gippsland, Bass and Otway Basins. In: Glenie, R.C. (Ed.), *2nd South-eastern Australia Oil Exploration Symposium, Melbourne, 1985. Technical papers*. Petroleum Exploration Society of Australia (Victorian and Tasmanian Branches), pp.375-382.
- Padley, D., McKirdy, D.M., Murray, A. and Summons, R.E., 1993. Oil strandings on the beaches of southern Australia: origins from natural seepage and shipping. In: Øygard, K. (Ed.), *Organic geochemistry*. 16th International meeting on organic geochemistry, Stavanger, 1993. Poster sessions. Falch Hurtigtrykk, Oslo, pp.660-663.
- Padley, D., McKirdy, D.M., Skinner, J.E., Summons, R.E. and Morgan, R.P., 1995. Crayfish Group hydrocarbons — implications for palaeoenvironment of Early Cretaceous rift fill in the western Otway Basin. *APEA Journal*, 35:517-537.
- Parker, G.J., 1993. Development of eastern Otway Basin rock unit nomenclature (1950 to 1993). *Victoria. Department of Energy and Minerals. Report*, 1993/14.
- Parker, K.A., 1992. The exploration and appraisal history of the Katnook and Ladbroke Grove gas fields, onshore Otway Basin, South Australia. *APEA Journal*, 32:67-85.
- Partridge, A., 1976. The geological expression of eustasy in the Early Tertiary of the Gippsland Basin. *APEA Journal*, 16:73-79.

- Pearce, J.A. and Cann, J.R., 1973. Tectonic setting of basic volcanic rocks determined using trace element analysis. *Earth and Planetary Science Letters*, 19:290-300.
- Perincek, D. and Cockshell, C.D., 1995. The Otway Basin: Early Cretaceous rifting to Neogene inversion. *APEA Journal*, 35:451-466.
- Perincek, D., Simons, B. and Pettifer, G., 1994. The tectonic framework and associated play types of the western Otway Basin, Victoria, Australia. *APEA Journal*, 34:460-477.
- Phillips, S.E., 1991. Petrology report, Katnook 3, Otway Basin. Amdel Core Services report. *South Australia. Department of Mines and Energy. Open file Envelope*, 7250(2):166-224 (unpublished).
- Price, P.L., 1993. Palynostratigraphy, organic facies and geochemistry of Sawpit 1, Otway Basin. In: Tabassi, A. and Robbie, S.M., Sawpit 1 well completion report, for Oil Company of Australia Ltd. *South Australia. Department of Mines and Energy. Open file Envelope*, 7420(6):443-751 (unpublished).
- Raiga-Clemenceau, J., Martin, J.P. and Nicoletis, S., 1988. The concept of acoustic formation factor for more accurate porosity determination from sonic transit time data. *Log Analyst*, 29(1):54-60.
- Rankin, L.R., Clough, B.J. and Farrand, M.G., 1992. Geology and mineral potential of basement beneath the Murray Basin, South Australia. *Mines and Energy Review, South Australia*, 158:64-69.
- Reeves, C.V., O'Brien, G.W., Finlayson, D.M., Milligan, P.R., Morse, M.P., Brodie, R.C. and Willcox, J.B., 1993. Western Otway Basin aeromagnetic dataset: images and interpretation. *Australian Geological Survey Organisation. Record*, 1993/14.
- Reinson, G.E., 1992. Transgressive barrier island and estuarine systems. In: Walker, R.G. and James, N.D. (Eds), *Facies models: response to sea level change*. Geological Association of Canada, Ontario, pp.179-194.
- Reynolds, M.A., 1971. A review of the Otway Basin. *Bureau of Mineral Resources, Geology and Geophysics, Australia, Report*, 134.
- Reynolds, M.A., Evans, P.R., Bryan, R. and Hawkins, P.J., 1966. The stratigraphic nomenclature of Cretaceous rocks in the Otway Basin. *Australian Oil and Gas Journal*, 13(3):2-33.
- Rich, T.H.V. and Rich, P.V., 1988. Lower Cretaceous: tetrapod (terrestrial vertebrate) assemblages. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.240-243.
- Rochow, K., 1971. The Padthaway Ridge. In: Wopfner, H. and Douglas, J.G. (Eds), *The Otway Basin of southeastern Australia. South Australia and Victoria. Geological Survey. Special Bulletin*, pp.325-337.
- Rogers, P.A. (in prep.). Geology of the South-East, South Australia. *South Australia. Geological Survey. Special map*, 1:500 000.
- Rowett, A.I., 1993. The use of dispersed cuticles in the biostratigraphic correlation of Australian Eocene sediments. *South Australia. Department of Mines and Energy. Report Book*, 93/5.
- Rowett, A.I., 1994a. Crayfish Subgroup Biostratigraphy Project: progress report. *South Australia. Department of Mines and Energy*. (unpublished report, confidential to project sponsors).
- Rowett, A.I., 1994b. Crayfish Group Biostratigraphy Study: final report. *South Australia. Department of Mines and Energy. Report Book*, 94/33 (confidential).
- Sabet, M. and Franks, L., 1985. Palm Valley — a case for interpretation, 1965-1984. *APEA Journal*, 25:329-343.
- SADME, 1991. Katnook gas for the South-East. *South Australia. Department of Mines and Energy. Information Sheet*, 7.
- Sheard, M.J., 1990a. A guide to Quaternary volcanoes in the lower South-East of South Australia. *Mines and Energy Review, South Australia*, 157:40-50.
- Sheard, M.J., 1990b. Glendonites from the southern Eromanga Basin in South Australia: palaeoclimatic indicators for Cretaceous ice. *South Australia. Geological Survey. Quarterly Geological Notes*, 114:17-23.
- Spencer-Jones, D., 1988. Silurian-Middle Devonian: Grampians Group of western Victoria. In: Douglas, J.G. and Ferguson, J.A. (Eds), *Geology of Victoria*. Geological Society of Australia (Vic. Division), pp.141-146.
- Sprigg, R.C., 1952. The geology of the southeast province, South Australia with special reference to Quaternary coastline migrations and modern beach developments. *South Australia. Geological Survey. Bulletin*, 29.
- Sprigg, R.C., 1986. A history of the search for commercial hydrocarbons in the Otway Basin complex. In: Glenie, R.C. (Ed.), *2nd South-eastern Australia Oil Exploration Symposium, Melbourne, 1985. Technical papers*. Petroleum Exploration Society of Australia (Victorian and Tasmanian Branches), pp.173-200.
- Stagg, H.M.J., Cockshell, C.D., Willcox, J.B., Hill, A.J., Needham, D.J.L., Thomas, B., O'Brien, G.W. and Hough, L.P., 1990. Basins of the Great Australian Bight region: geology and petroleum potential. *Bureau of Mineral Resources, Geology and Geophysics, Australia. Continental Margins Program Folio*, 5.
- Stott, L.D. and Kennett, J.P., 1990. Antarctic Paleogene planktonic foraminifer biostratigraphy: ODP leg 113, sites 689 and 690. In: Barker, P.F., Kennett, J.P. et al. (Eds), *Ocean Drilling Program, scientific results. Proceedings*, 113:549-569.
- Stover, L.E. and Evans, P.R., 1973. Upper Cretaceous-Eocene spore pollen zonation, offshore Gippsland Basin, Australia. *Geological Society of Australia. Special Publication*, 4:55-72.
- Stover, L.E. and Partridge, A.D., 1973. Tertiary and Late Cretaceous spores and pollen from the Gippsland Basin, southeastern Australia. *Royal Society of Victoria. Proceedings*, 85:237-286.
- Stover, L.E. and Partridge, A.D., 1982. Eocene spore-pollen from the Werillup Formation, Western Australia. *Palynology*, 6:69-95.
- Struckmeyer, H.I.M. and Felton, E.A., 1990. The use of organic facies for refining palaeoenvironmental interpretations: a case study from the Otway Basin, Australia. *Australian Journal of Earth Sciences*, 37:351-364.

- Tabassi, A. and Davey, L.K., 1986. Recovery of oil from the basal Tertiary Pebble Point Formation at Lindon 1: summary results and implications. In: Glenie, R.C. (Ed.), *2nd South-eastern Australia Oil Exploration Symposium, Melbourne, 1985. Technical papers*. Petroleum Exploration Society of Australia (Victorian and Tasmanian Branches), pp.241-236.
- Tate, R. and Dennant, J., 1895. Correlation of the marine Tertiaries of Australia (Part II). *Royal Society of South Australia. Transactions*, 19:108-121.
- Taylor, D.J., 1966. Ezzo Gippsland Shelf No. 1. The Mid-Tertiary foraminiferal sequence. *Bureau of Mineral Resources, geology and Geophysics, Australia. Petroleum Search Subsidy Acts Publication*, 76:31-46.
- Tenison-Woods, J.E., 1865. On some Tertiary deposits in the colony of Victoria, Australia. *Geological Society of London. Quarterly Journal*, 21:389-394.
- Thomas, G.A., 1969. *Notoconularia*, a new conularid genus from the Permian of eastern Australia. *Journal of Paleontology*, 43(5):1283-1290.
- Thompson, B.R., 1986. The Gippsland Basin — development and stratigraphy. In: Glenie, R.C. (Ed.), *2nd South-eastern Australia Oil Exploration Symposium, Melbourne, 1985. Technical papers*. Petroleum Exploration Society of Australia (Victorian and Tasmanian Branches), pp.57-64.
- Thompson, B.R. and Walker, G.M., 1985. Development of a stratigraphic data file for the Otway Basin. In: *Otway 85 — Earth Resources of the Otway Basin Conference, Mount Gambier, 1985. Summary papers and excursion guides*. Geological Society of Australia, pp.23-24.
- Tickell, S.J., Edwards, J. and Abele, C., 1992. Port Campbell Embayment. 1:100 000 map geological report. *Victoria. Geological Survey. Report*, 95.
- Tickell, S.J., Abele, C. and Simons, B., 1993. Stratigraphic column (fig. 4.2). In: Parker, G.J., *Development of eastern Otway Basin rock unit nomenclature (1950-1993)*. *Victoria. Geological Survey. Report*, 1993/14.
- Truswell, E.M. and Harris, W.K., 1982. The Cainozoic palaeobotanical record in arid Australia: fossil evidence for the origins of an arid-adapted flora. In: Barker, W.R. and Greenslade, P.J.M. (Eds), *Evolution of the flora and fauna of arid Australia*. Peacock Publications, Frewville, pp.67-76.
- Tupper, N.P., Padley, D., Lovibond, R., Duckett, A.K. and McKirdy, D.M., 1993. A key test of Otway Basin potential: the Eumeralla-sourced play on the Chama Terrace. *APEA Journal*, 33(1):77-93.
- Turner, S.P., Adams, C.J., Flöttmann, T. and Foden, J.D., 1993. Geochemical and geochronological constraints on the Glenelg River Complex, western Victoria. *Australian Journal of Earth Sciences*, 40:275-292.
- Veevers, J.J. (Ed.), 1984. Phanerozoic Earth history of Australia. *Oxford Geological Sciences Series*, 2.
- Veevers, J.J., 1986. Break-up of Australia and Antarctica estimated as mid-Cretaceous (95 Ma) from magnetic and seismic data at the continental margin. *Earth and Planetary Science Letters*, 77:91-99.
- Veevers, J.J. and Eittreim, S.L., 1988. Reconstruction of Antarctica and Australia at breakup (95 Ma) and before rifting (160 Ma). *Australian Journal of Earth Sciences*, 35:355-362.
- von der Borch, C.C., 1979. Giant submarine canyons. In: Tyler, M.J., Twidale, C.R. and Ling, J.K. (Eds), *Natural history of Kangaroo Island. Royal Society of South Australia. Occasional Publications*, 2:47-51.
- Wade, M., 1964. Application of the lineage concept to biostratigraphic zoning based on planktonic foraminifera. *Micropaleontology*, 10(3):273-290.
- Watson, B.C., 1990. Geochemical evaluation of cuttings, sidewall cores and condensate from Katnook 3. Amdel report 9/229, for Ultramar Australia Inc. In: Katnook 3 well completion report, PEL 32, Otway Basin, South Australia. *South Australia. Department of Mines and Energy. Open file Envelope*, 7250(6) (unpublished).
- Watson, B.C. and McKirdy, D.M., 1988. Geochemical evaluation of cuttings, sidewall cores and oil samples from Katnook 1, PEL 32, Otway Basin. Amdel report F7059/88 part 3 (final), for Ultramar Australia Inc. In: McClung, G. and Archer, D.W., *Katnook 1 well completion report. South Australia. Department of Mines and Energy. Open file Envelope*, 7107(6):342-421 (unpublished).
- Webb, J.A., 1991. Geological history of Victoria. In: Cochrane, G.W., Quick, G.W. and Spencer-Jones, D. (Eds), *Introducing Victorian geology*. Geological Society of Australia (Vic. Division), Melbourne, pp.97-168.
- Weissel, J.K. and Hayes, D.E., 1977. Evolution of the Tasman Sea reappraised. *Earth and Planetary Science Letters*, 36:77-84.
- White, A.H., 1968. Exploration in the Otway Basin. *APEA Journal*, 8(2):78-87.
- White, D.A. and Gehman, H.M., 1979. Methods of estimating oil and gas resources. *AAPG Bulletin*, 63:2183-2192.
- White, M.R., 1995a. Micropalaeontological analysis of 26 petroleum wells in the Gambier Basin, South Australia. *South Australia. Department of Mines and Energy. Report Book*, 95/6.
- White, M.R., 1995b. Subdivision of the Gambier Limestone: formal description of three new members. *South Australia. Department of Mines and Energy. Report Book*, 95/7.
- Williamson, P.E., O'Brien, G.W., Swift, M.G., Felton, E.A., Scherl, A.S., Lock, J., Exon, W.F., Falvey, D.A. and Marlow, M., 1987. Hydrocarbon potential of the offshore Otway Basin. *APEA Journal*, 27(1):173-194.
- Wilson, C.J.L., Will, T.M., Caley, R.A. and Chen, S., 1992. Geological framework and tectonic evolution in western Victoria, Australia. In: Fergusson, C.L. and Glen, R.A. (Eds), *The Palaeozoic eastern margin of Gondwanaland: tectonics of the Lachlan Fold Belt, southeastern Australia and related orogens. Tectonophysics*, 214:93-127.
- Wilson, G.R., 1967. Some species of *Wetzeliella Eisenack* (Dinophyceae) from New Zealand Eocene and Paleocene strata, New Zealand. *Journal of Botany*, 5:469-497.

- Wilson, G.R., 1984. New Zealand Late Jurassic to Eocene dinoflagellate biostratigraphy — a summary. *Newsletters on stratigraphy*, 13:104-117.
- Wood, G., 1981. Palynological analysis of Eocene coals in the Gambier Embayment near Kingston. *University of Adelaide. B.Sc. (Hons) thesis* (unpublished).
- Wopfner, H., 1980. Development of Permian intracratonic basins in Australia. In: Cresswell, M.M. and Vella, P. (Eds), *5th International Gondwana Symposium, Wellington, New Zealand, 1980*. pp.185-190.
- Wopfner, H. and Douglas, J.G. (Eds), 1971. The Otway Basin of southeastern Australia. *South Australia and Victoria. Geological Surveys. Special Bulletin*.
- Wopfner, H., Kenley, P.R. and Thornton, R.C.N., 1971. Hydrocarbon occurrences and potential of the Otway Basin. In: Wopfner, H. and Douglas, J.G., (Eds), The Otway Basin of southeastern Australia. *South Australia and Victoria. Geological Survey. Special Bulletin*, pp.385-435.
- Wopfner, H. and Thornton, R.C.N., 1971. The occurrence of carbon dioxide in the Gambier Embayment. In: Wopfner, H. and Douglas J.G. (Eds), The Otway Basin of southeastern Australia. *South Australia and Victoria. Geological Survey. Special Bulletin*, pp.377-384.
- Yang, W., Li, Y. and Gao, R., 1985. Formation and evolution of non-marine petroleum in Songliao Basin, China. *AAPG Bulletin*, 69:1112-1122.
- Yu, S.M., 1988. Structure and development of the Otway Basin. *APEA Journal*, 28(1):243-54.
- Zemanek, J., 1989. Low-resistivity hydrocarbon bearing sand reservoirs. *SPE Formation Evaluation*, 4(4):515-521.