

## **C. L. Fergusson Publications (1979 to 2007)**

### **Refereed Published Field Guide (A1)**

Fergusson C. L., Gray D. R. and Morand V. J. 1990. Tectonostratigraphic terranes, fold-thrust zones and regional metamorphics in the Palaeozoic of central-eastern Victoria. Geological Society of Australia, Specialist Group in Tectonics and Structural Geology, Field Guide #3, 104 p.

### **Refereed Articles (Book Chapters B)**

- Underwood M. B. and Fergusson C. L. 2005. Late Cenozoic evolution of the Nankai trench–slope system: evidence from sand petrography and clay mineralogy. In Hodgson D. M. and Flint S. S. eds *Submarine Slope Systems: Processes and Products*. Geological Society, London, Special Publications, 244, 113–129.
- Fergusson C. L. 2003. Provenance of Miocene-Pleistocene turbidite sands and sandstones, Nankai Trough, Ocean Drilling Program Leg 190. In Mikada H., Moore G. F., Taira A., Becker K., Moore J. C. and Klaus A. eds *Proceedings of the Ocean Drilling Program, Scientific Results, 190/196* [Online]. Available from World Wide Web: <http://www.odp.tamu.edu/publications/190196SR/205/205.htm>
- Fergusson C. L. and Vandenberg A. H. M. 2003. Ordovician – the development of craton-derived deep-sea turbidite successions. In Birch W. ed. *The Geology of Victoria*. Geological Society of Australia, Victorian Division, 97–115.
- Stewart I. R. and Fergusson C. L. 1995. Ordovician conodonts from the Lue beds, Mudgee, and from the Sunlight Creek Formation, Goulburn, New South Wales. In Jell P. A. ed. *APC94 Papers from the First Australian Palaeontological Convention*, pp. 164. Memoir 18 of the Association of Australasian Palaeontologists.
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- Fergusson C. L. and Cas R. A. F. 1988. Freestone Creek – Tabberabbera area. In Douglas J.G. and Ferguson J.A. eds *Geology of Victoria*. Geological Society of Australia, Victorian Division, 89–90, 100.
- Cross K. C., Fergusson C. L. and Flood P. G. 1987. Contrasting structural styles in the Palaeozoic subduction complex of the southern New England Orogen, eastern Australia. In Leitch E. C. and Scheibner E. eds *Terrane Accretion and Orogenic Belts*, American Geophysical Union, Geodynamics Series 19, 83–92.
- Fergusson C. L. 1987. Early Palaeozoic backarc deformation in the Lachlan Fold Belt, southeastern Australia: implications for terrane translations in eastern Gondwanaland. In Leitch E. C. and Scheibner E. eds *Terrane Accretion and Orogenic Belts*, American Geophysical Union, Geodynamics Series 19, 39–56.

### **Refereed Articles (Journal articles C1)**

- Fergusson C. L., Henderson R. A., Withnall I. W., Fanning C. M., Phillips D. and Lewthwaite K. J. 2007. Structural, metamorphic and geochronological constraints on alternating compression and extension in the Early Paleozoic Gondwanan Pacific margin, northeastern Australia. *Tectonics* 26, TC3008, doi:10.1029/2006TC001979.
- Fergusson C. L., Henderson R. A., Withnall I. W. and Fanning C. M. 2007. Structural history of the Greenvale Province, north Queensland: Early Palaeozoic extension and convergence on the Pacific margin of Gondwana. *Australian Journal of Earth Sciences* 54, 573–595.
- Fergusson C. L., Henderson R. A., Fanning C. M. and Withnall I. W. 2007. Detrital zircon ages in Neoproterozoic to Ordovician siliciclastic rocks, northeastern Australia: implications for the tectonic history of the East Gondwana continental margin. *Journal of the Geological Society, London* 164, 215–225.
- Fergusson C. L., Henderson R. A., Lewthwaite K. J., Phillips D. and Withnall I. W. 2005. Structure of the Early Palaeozoic Cape River Metamorphics, Tasmanides of north Queensland: evaluation of the roles of convergent and extensional tectonics. *Australian Journal of Earth Sciences* 52, 261–277.
- Fergusson C. L., Fanning, C. M., Phillips D. and Ackerman B. R. 2005. Structure, detrital zircon U-Pb ages and  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology of the Early Palaeozoic Girilambone Group, central New South Wales: subduction, contraction and extension associated with the Benambran Orogeny. *Australian Journal of Earth Sciences* 52, 137–159.
- Carr P. F., Fergusson C. L., Pemberton J. W., Colquhoun G. P., Murray S. I. and Watkins J. 2003. Late Ordovician island arc volcanic rocks, northern Capertee Zone, Lachlan Fold Belt, New South Wales. *Australian Journal of Earth Sciences* 50, 319–330.
- Fergusson C. L., 2003. Ordovician–Silurian accretion tectonics of the Lachlan Fold Belt, southeastern Australia. *Australian Journal of Earth Sciences* 50, 475–490.
- Leitch E. C., Fergusson C. L. and Henderson R. A., 2003. Arc to craton provenance switching in a Late Palaeozoic subduction complex, Wandilla and Shoalwater terranes, New England Fold Belt, eastern Australia. *Australian Journal of Earth Sciences* 50, 919–929.
- Memarian H. and Fergusson C. L., 2003. Multiple fracture sets in the southeastern Permian-Triassic Sydney Basin, New South Wales. *Australian Journal of Earth Sciences* 50, 49–61.
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- Underwood M. B., Moore G. F., Taira A., Klaus A., Wilson M. E. J., Fergusson C. L., Hirano S., Steurer J., and Leg 190 Shipboard Scientific Party, 2003. Sedimentary and tectonic evolution of a trench-slope basin in the Nankai subduction zone of southwest Japan. *Journal of Sedimentary Research* 73, 589–602.
- Fergusson C. L. and Frikken P., 2002. Diapirism and structural thickening in an Early Palaeozoic subduction complex, southeastern New South Wales, Australia. *Journal of Structural Geology*, 25, 43–58.
- Fergusson C. L. and Fanning C. M. 2002. Late Ordovician stratigraphy, zircon provenance and tectonics, Lachlan Fold Belt, southeastern Australia. *Australian Journal of Earth Sciences* 49, 423–436.
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- Fergusson C. L., Carr P. F., Fanning C. M. and Green T. J. 2001. Proterozoic-Cambrian detrital zircon and monazite ages from the Anakie Inlier, central Queensland: Grenville and Pacific-Gondwana signatures. *Australian Journal of Earth Sciences* 48, 857–866.
- Moore G. F., Taira A., Klaus A., Becker L., Boeckel B., Cragg B. A., Dean A., Fergusson C. L., Henry P., Hirano S., Hisamitsu T., Hunze S., Kastner M., Maltman A. J., Morgan J. K., Murakami Y., Saffer D. M., Sanchez-Gomez M., Screamon E. J., Smith D. C., Spivack A. J., Steurer J., Tobin H. J., Ujiie K., Underwood M. B. and Wilson M., 2001. New insights into deformation and fluid flow processes in the Nankai Trough accretionary prism: Results of the Ocean Drilling Program Leg 190. *Geochemistry, Geophysics, Geosystems* 2, 10.129/2001GC000166. <http://gcubed.org/>
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- Colquhoun G. P., Fergusson C. L. and Tye S. C. 1999. Provenance of Early Palaeozoic sandstones, southeastern Australia, part 2: cratonic to arc switching. *Sedimentary Geology* 125, 153–163.
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- Fergusson C. L. 1998. Thick-skinned folding in the eastern Lachlan Fold Belt: an example from the Shoalhaven River Gorge, New South Wales. *Australian Journal of Earth Sciences* 45, 677–686.
- Green T. J., Fergusson C. L. and Withnall I. W. 1998. Refolding and strain in the Neoproterozoic Early Palaeozoic Anakie Metamorphic Group, central Queensland. *Australian Journal of Earth Sciences* 45, 915–924.
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- Fold Belt, central Queensland. *Australian Journal of Earth Sciences* 41, 571–579.
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- Fergusson C. L. and Coney P. J. 1992. Convergence and intraplate deformation in the Lachlan Fold Belt of southeastern Australia. *Tectonophysics* 214, 417–439.
- Fergusson C. L. and Coney P. J. 1992. Implications of a Bengal Fan-type deposit in the Paleozoic Lachlan fold belt of southeastern Australia. *Geology* 20, 1047–1049.
- Leitch E. C., Fergusson C. L. and Henderson R. A. 1992. Geological note: The intra-Devonian angular unconformity at Mt Gelobera, south of Rockhampton, central Queensland. *Australian Journal of Earth Sciences* 39, 121–122.
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- Murray C. G., Fergusson C. L., Flood P. G., Whitaker W. G. and Korsch R. J. 1987. Plate tectonic model for the Carboniferous evolution of the New England Fold Belt. *Australian Journal of Earth Sciences* 34, 213–236.
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- Fergusson C. L. and Flood P. G. 1985. A Late Palaeozoic subduction complex in the Border Rivers area of southeast Queensland. *Proceedings of the Royal Society of Queensland* 95, 47–55.
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- a tectonic melange formed in a Palaeozoic subduction complex. *Journal of Structural Geology* 6, 257–271.
- Fergusson C. L. 1984. Tectonostratigraphy of a Palaeozoic subduction complex in the central Coffs Harbour Block of northeastern New South Wales. *Australian Journal of Earth Sciences* 31, 217–236.
- McPhie J. and Fergusson C. L. 1983. Dextral movement on the Demon Fault, northeastern New South Wales: a reassessment. *Journal and Proceedings of the Royal Society of New South Wales* 116, 123–127.
- Bischoff G. C. O. and Fergusson C. L. 1982. Conodont distributions, and ages of Silurian and Devonian limestones in the Palmers Oakey district, N.S.W. *Journal of the Geological Society of Australia* 29, 469–476.
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### **Non-refereed articles in a Journal**

- Fergusson C. L. and Miller J. McL. 2005. Discussion. Narooma Terrane: implications for the construction of the outboard part of the Lachlan Orogen. *Australian Journal of Earth Sciences* 52, 1035–1036.
- Henderson R. A. and Fergusson C. L. 2004. Discussion. Stratigraphy, facies architecture and tectonic implications of the Upper Devonian to Lower Carboniferous Campwyn Volcanics of the northern New England Fold Belt. *Australian Journal of Earth Sciences* 51, 451–452.
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### **Refereed Papers in Conference Proceedings (edited volumes) E1**

Fergusson C. L. 2006. Review of structure and basement control of the Lapstone Structural Complex, Sydney Basin, eastern New South Wales. In: Hutton A. and Griffin J. (eds), Proceedings of the Thirty Sixth Sydney Basin Symposium, Advances in the study of the Sydney Basin, School of Earth and Environmental Sciences, University of Wollongong, pp. 45–50.

### **Published Government Reports (A2) and Published Maps**

- Simpson C. J., Fergusson C. L. and Oranskaia A. 1997. Craigie 1:100 000 map area geological report. Geological Survey of Victoria, Report 111, 160 p.
- Simpson C. J. and Fergusson C. L. 1997. Combienbar and part Craigie 1:50 000 geological map. Geological Survey of Victoria.
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- Simpson C. J., Hendrickx M. A., Bibby L. M., Allen R. J., Page D. J., Woodfull C. J., Fergusson C. L. and Carney C. M. 2001. Corryong and parts of Rosewood and Kosciusko 1:100 000 map area geological report. Geological Survey of Victoria Geological Report 120, 175 p.
- Simpson C. J., Fergusson C. L. and Woodfull C. J. 2001. Shelley and part of Jingellic 1:50 000 geological map. Geological Survey of Victoria.

### **Ocean Drilling Program Initial Reports and Data Report Scientific Results**

- Moore G. F., Taira A., Klaus A., Becker K., Becker L., Boeckel B., Cragg B. A., Dean A., Fergusson C. L., Henry P., Hirano S., Hisamitsu T., Hunze S., Kastner M., Maltman A. J., Morgan J. K., Murakami Y., Saffer D. M., Sanchez-Gomez M., Screaton E. J., Smith D. C., Spivack A. J., Steurer J., Tobin H. J., Ujiie K., Underwood M. B. and Wilson M., 2001. Deformation and fluid flow processes in the Nankai Trough Accretionary Prism. Proceedings of the Ocean Drilling Program, Initial Reports, 190. Also available at: [http://wwwodp.tamu.edu/publications/190\\_IR/190ir.htm](http://wwwodp.tamu.edu/publications/190_IR/190ir.htm)
- Wilson, M. E. J., Hirano, S., Fergusson, C. L., Steurer, J., and Underwood, M. E., 2003. Data report: Sedimentological and petrographic characteristics of volcanic ashes and siliceous claysontes (altered ashes) from Sites 1173, 1174, and 1177, Leg 190. In Mikada, H., Moore, G. F., Taira, A., Becker, K., Moore, J. C., and Klaus, A. (Eds.), Proceedings of the Ocean Drilling Program, Scientific Results, 190/196 [Online]. Available from World Wide Web: <http://wwwodp.tamu.edu/publications/190196SR/204/204.htm>

### **Edited Special Volume of a Journal**

- Fergusson C. L. and Glen R. A. (eds) 1992. The Palaeozoic eastern margin of Gondwanaland: tectonics of the Lachlan Fold Belt, southeastern Australia and related orogens. Tectonophysics 214, 461 p.

## Unrefereed Papers in Conference Proceedings (edited volumes) E2

- Fergusson C. L., Fanning, C. M., Phillips D. and Ackerman B. R. 2004. Structure, detrital zircon U-Pb ages and  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology of the Early Palaeozoic Girilambone Group, central New South Wales: implications for mineralisation and tectonic development of the Lachlan Fold Belt. In: Bierlein F. P. and Hough M. A. eds *Tectonics to Minerals Discovery – Deconstructing the Lachlan Orogen*. MORE-SGEG Conference, Orange. Geological Society of Australia, Abstracts 74, 117–119.
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- Henderson R. A., Fergusson C. L. and Wright J. V. 1994. Subaqueous volcanics of the Campwyn terrane, central Queensland. In: R. A. Henderson and B. K. Davis (editors), *New Developments in Geology and Metallogeny: Northern Tasman Orogenic Zone*. EGRU Contribution 50, James Cook University of North Queensland, 97–100.\*
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- Withnall I. W., Crouch S. B. S., Tenison Woods K., Blake P. R., Haywood M. A., Rees I. D., Fergusson C. L., Green T. J. and Carr P. F. 1994. Geology of the southern part of the Anakie Inlier. In: R. A. Henderson and B. K. Davis (editors), *New Developments in Geology and Metallogeny: Northern Tasman Orogenic Zone*. EGRU Contribution 50, James Cook University of North Queensland, 111–116.
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- Henderson R. A., Fergusson C. L., Leitch E. C., Morand V. J., Reinhardt J. J. and Carr P. F., 1993. Tectonics of the northern New England Fold Belt. In P. G. Flood and J. C. Aitchison (eds) *New England Orogen, eastern Australia*, Department of Geology and Geophysics, University of New England, Armidale, 505–515.
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### **Unrefereed Field Guide in Conference Proceedings (edited volume) E2**

- Fergusson C. L. 1991. Thrusting in the eastern Lachlan Fold Belt: Goulburn-Bungonia region. *Geological Society of Australia, Abstracts 29*, 67–94.

### **Abstracts Short Unrefereed Papers in Conference Proceedings (edited volumes) E2**

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