

1979/19. Further comments on Early Palaeozoic (Late Ordovician-Early Silurian) graptolites in the Huntley Quadrangle.

P.W. Baillie

Dr R.B. Rickards of the Sedgwick Museum, University of Cambridge examined graptolite bearing sequences of the Westfield Beds (Corbett and Banks, 1974) and Tiger Range Group (Brown *et al.*, in prep.) in the Florentine Valley [DN5878] and Tiger Range [DN5185] and studied collections held by the Geological Survey of Tasmania on 31 March 1977.

As a consequence of his visit slight revision of the age of the units as suggested by Baillie and Clarke (1976) is needed.

Dr Rickards' identifications from the localities of Baillie and Clarke are listed below:

F2 Westfield Quarry [DN44447501].

*Orthograptus* sp.  
*Glyptograptus persculptus* (Salter)  
? *Monograptus* sp.

F6 Range Road [DN43657565]

*Monograptus priodon* Bronn  
*M.* cf *rickardsi* Hutt  
*M.* ? *parapriodon* Bouček  
*Pristiograptus nudus* (Lapworth)  
? *P.* *denemarkae* Přibyl  
*Monoclimacis* sp.  
a single specimen of either *Cyrtograptus*  
or *M. tullbergi* Bouček

F7 Range Road [DN43647570]

*M.* cf *rickardsi* Hutt  
*P.* cf *denemarkae* Přibyl

#### DISCUSSION

The presence of *G. persculptus* in the Westfield Beds is of particular importance. It occurs in the *Glyptograptus persculptus* and part of the 'Akidograptus' *acuminatus* Zones of the Llandovery of the English Lake District (Hutt, 1974). The problems of the *persculptus* zone are discussed by Rickards, 1976 and whilst there may be disagreement about whether the age of the zone is Ordovician or Silurian, or both, it would appear that the Westfield Beds are a little younger than the Late Caradocian age suggested by Baillie and Clarke, 1976.

The monograptid fauna from the siltstones of TR3 (Baillie and Clarke, 1976) has an uppermost Llandovery age in either the *Monoclimacis crenulata* or *M. griestoniensis* Zones.

Ranges for the identified species (fig. 1) are taken from Rickards, 1976.

#### REFERENCES

BAILLIE, P.W.; CLARKE, M.J. 1976. Preliminary comments on Early Palaeozoic (Late Ordovician-Early Silurian) rocks and fossils in the Huntley Quadrangle. *Unpubl.Rep.Dep.Mines Tasm.* 1976/41.

BROWN, A.V. et al. (in prep.) Geological atlas 1:50 000 series. Sheet 73 (8112N). Huntley. *Explan.Rep.Geol.Surv.Tasm.*

CORBETT, K.D.; BANKS, M.R. 1974. Ordovician stratigraphy of the Florentine Synclinorium, south-west Tasmania. *Pap.Proc.R.Soc.Tasm.* 107:207-238.

HUTT, J.E. 1974. The Llandovery graptolites of the English Lake District. Part 1. *Palaeontogr.Soc.[Monogr.]* 128(540):1-56.

RICKARDS, R.B. 1976. The sequence of Silurian graptolite zones in the British Isles. *Geol.J.* 11(2):153-188.

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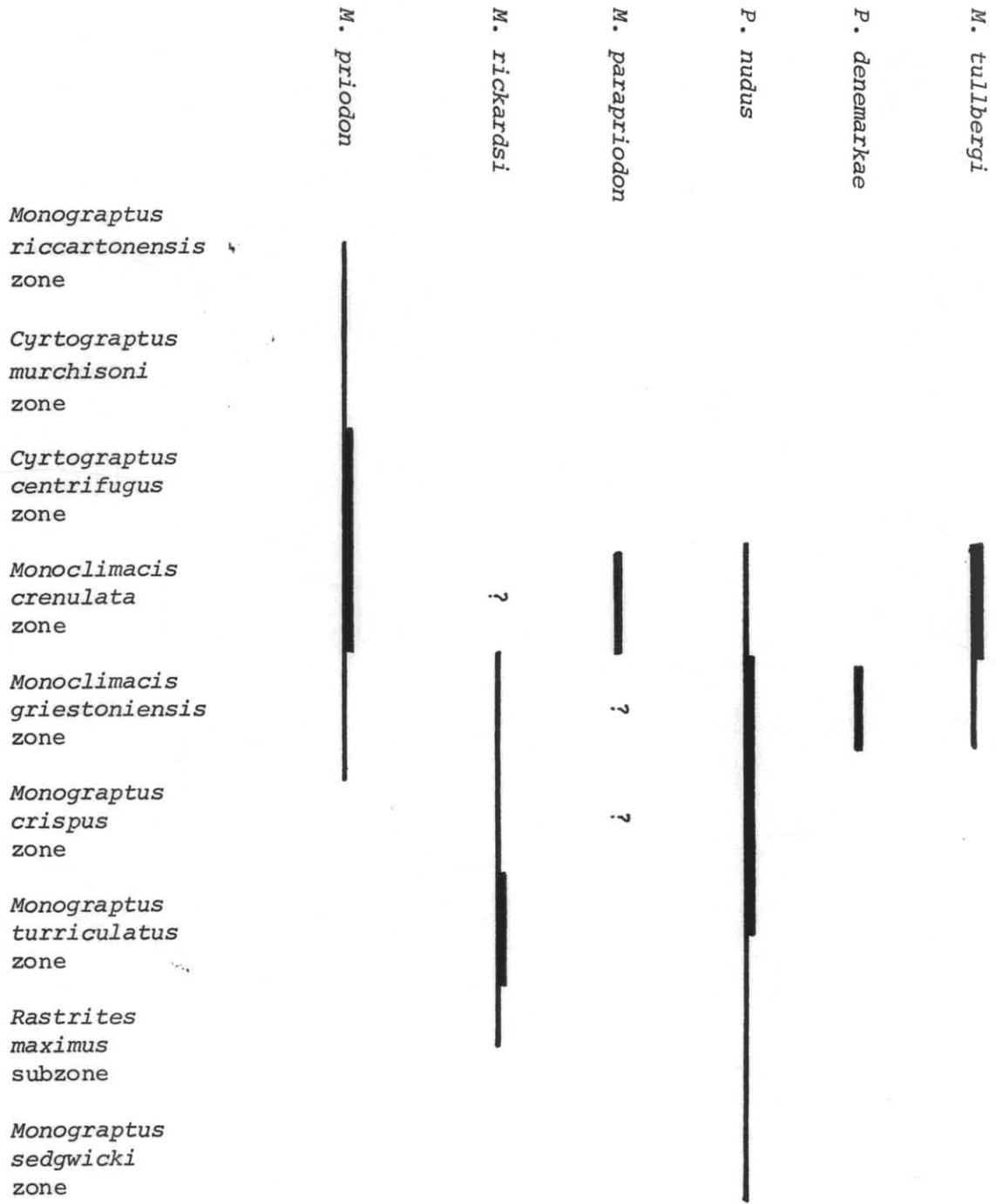


Figure 1. Ranges of graptolites found at Range Road, Tiger Range (after Rickards (1976)).