



MACROFOSSILS FROM THE ?CABBAGE TREE FORMATION, ALONG
BULL'S ROAD, NEAR FLOWERY GULLY, TASMANIA.

by

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Sample Locality

Samples from three horizons in pink to orange-brown cleaved siltstones exposed in a road cutting on the northeastern side of Bull's Road (GR 870309), to the east of Flowery Gully, were collected by the author and Dr C. Calver of Tasmania Development and Resources during field work in October, 1995. These localities were also investigated by Hills (1982)

Sample Preparation

Included in the samples are many, poorly preserved brachiopods and fragments of trilobites. The fauna is preserved as moulds and specimens were mechanically excavated using a compressed air powered vibrotool.

Interpretation

The fauna from these three localities are as follows:

Locality 95FG16

Nanorthis ?carinata

indeterminate ?syntrophiid brachiopod

indeterminate trilobites

Locality 95FG17 (about 1.5-2.0m below 95FG16)

Nanorthis ?carinata

indeterminate asaphid trilobite

Locality 95FG18 (about 20m below 95FG 17)

indeterminate orthoid brachiopod

indeterminate ?plectambonitoid brachiopod

The presence of specimens very like *Nanorthis carinata* Laurie, 1980, originally recorded from the Pontoon Hill Siltstone Member of the Florentine Valley Formation, indicates this unit is of similar age to that member.

Fossils collected from the type section of the Cabbage Tree Formation in Middle Arm Gorge are also correlated with the Pontoon Hill Siltstone Member of the Florentine Valley Formation (Laurie, 1996; in prep). This supports the assertion of Banks & Kennedy (in Burrett & Martin, 1989, p. 193) that these siltstones along Bulls Road are a facies variant of the Cabbage Tree Formation, as presently understood, and do not overlie that formation as stated by Hills (1982, p. 6)

References

Burrett, C.F. & Martin, E.L. (eds), 1989. Geology and mineral resources of Tasmania. *Geological Society of Australia Special Publication* 15, 574p.

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