Early Carboniferous Mollusca from Gundy, Upper Hunter, New South Wales

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ABSTRACT. Minute mollusc fauna of Late Tournaisian age from thin limestone bands of the upper part of the Dangarfield Formation near Gundy, Upper Hunter, New South Wales are classified and described. Eighteen species among 38 gastropod species referable to 31 genera are described as new — *Onychochilus minitissimus, Peruvispira gundyensis, Glabrocingulum obesum, Hesperiella robertsi, Borestus costatus, Araeonema microspirulata, Microdoma angulata, Eucochlis australis, Naticopsis (Naticopsis) osbornei, Aclisina turgida, Stegocoelia (Stegocoelia) nodosa, Stegocoelia (Hypergonia) elongata, Stegocoelia (H.) tenuis, Loxonema elegantissima, Hemizyga (Hemizyga) decussata, Cyclozyga sinusigera, Soleniscus callosus* and *Donaldina filosa.* Twenty European and North American generic names are introduced for the first time to the Australian gastropod fauna.

Two new scaphopod genera, *Scissuradentalium* and *Pipadentalium,* and four new species, *Fissuradentalium longistriatum, Scissuradentalium runnegari, Plagioglypta numerosa* and *Pipadentalium protruberans,* are proposed. One species of hyolitha, *Hyolithes minutissimus,* is described. Nine bivalve forms including two unknown taxa are illustrated, but not described here. All mollusc specimens are chloritised.

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