

## The distribution of Tournaisian and early Viséan (Carboniferous) coral faunas from the Bristol and South Wales areas of Britain

Murray Mitchell

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The Tournaisian and early Viséan (Carboniferous) faunas of Britain have been divided into a sequence of four assemblage biozones, the *Vaughania vetus*, *Zaphrentites delanouei* and *Caninophyllum patulum* assemblage biozones which are of Tournaisian age, and the *Siphonophyllia cylindrica* Assemblage Biozone of Viséan (Chadian) age. This sequence of biozones established at Burrington Combe in the Mendips is used to correlate the Tournaisian and early Viséan rocks from eight sections in the Bristol and South Wales areas. Several sections can be shown to be incomplete with a northward widening non-sequence present between the top of the Black Rock Limestone and the base of the succeeding Gully Oolite. One new species *Sychnoelasma clevedonensis* sp.n. and one new subspecies *Caninophyllum patulum greeni* sub-sp.n. are named.

**Key words:** Rugosa, biostratigraphy, Tournaisian, early Viséan, Britain.

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