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Carboniferous corals: distribution and sequence

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It has been stated that the whole Permo-Carboniferous: coral evolution is covered by a single cycle of evolution which can be divided into three phases: the first phase contains strata between Strunian and Chokierian and most possibly also Alportian stages inclusively; the second phase extends up to the base of Orenburgian and the third one includes Orenburgian and Permian.
Provinciality of coral faunas has been reconstructed on a basis of plate tectonic data. Some provinces were probably determined not only by the seafland configurations, but also by palaeocurrents. For some provinces and stages the main faunal regions and possible regions of speciation have been reconstructed.

Key words: Carboniferous corals, palaeogeography, evolution.

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