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Coral paleozoogeography in the Devonian and Carboniferous of Eurasia

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Eight provinces of coral distribution were established in the Early Devonian of Eurasia and Australia: Mediterranean, Maghrebian, Uralo-Tien-Shan, Altai-Sayan, Dzhungar-Balkhash, Indo-Sinian, East-Australian, Mongolo-Okhotsk and Indlgiro-Kolymian. In the Middle Devonian large transgression caused enlargement of the provinces. As a result there appear such provinces as: Mediterranean, Uralo-North Asiatic, Mongolo-Okhotsk, Sino-Australian. Each province includes several zoogeographic areas. There are 4 regions (European, South Asian, Australian and North American) with 15 provinces in paleozoogeographical zonation of the Lower Carboniferous (Visean) paleobasins and 3 regions (Ural-Arctic, Mediterranean, North American) with 7 provinces in the Late Carboniferous (Moscovian) paleobasins.

Key words: Corals, Tabulata, Rugosa, Devonian, Carboniferous, coral paleoprovinces, Eurasia.

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