

Late Famennian stromatoporoids from Dębnik Anticline, southern Poland

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Famennian Stromatoporoidea from the *Quasiendothyra communis* Foraminiferal Zone and slightly younger strata from the Dębnik anticline, southern Poland, form a succession of three consecutive assemblages. Assemblages 1 and 3 consist of representatives of the order Clathrodictyida, while assemblage 2 is dominated by the order Labechiida. The clathrodictyids are represented by the genus *Gerronostroma*, and labechiids are represented by the genus *Stylostroma*. Species assigned here to the genus *Gerronostroma* show a network of amalgamated pillars in the central part of the columns, a feature regarded by previous authors as typical of the genus *Clavdictyon*. Two new species, *Stylostroma multiformis* sp. nov. and *Gerronostroma raclaviense* sp. nov., are described. Stromatoporoids from southern Poland differ from the Famennian fauna of western Europe, showing affinity to eastern European and Siberian Stromatoporoidea.

Key words: Porifera, Stromatoporoidea, Labechiida, Clathrodictyida, *Gerronostroma*, *Stylostroma*, ontogeny, phases, statistics, Famennian, Poland.

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