ACTA PALAEONTOLOGICA POLONICA

Genus *Disphyllum* de Fromentel (Rugosa) in the Devonian of Poland and its distribution

Acta Palaeontologica Polonica 17 (3), 1972: 265-335

11 species and subspecies of the genus *Disphyllum* de Fromentel are described from the Devonian of Poland, two of them, *D. wirbelauense bonae* and *D. w. regulare*, are new. The geological structure of the *Disphyllum*-bearing localities from the Holy Cross Mts and Sudetes is discussed. The profiles of deep boreholes from Silesian-Cracow anticlinorium and Pomerania are presented. The coral's blastogeny and intraspecific variability are characterized. The septal index and pattern of internal structure are regarded as taxonomical criteria for specific identifications. It was noted that the microstructure is characterized by coarse monacanths distributed horizontally or in the form of half-fans. Distribution of *Disphyllum* in Poland and in the world, the moment of its appearance and its biostratigraphical value are discussed.

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see creativecommons.org), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Full text (4,498.2 kB)