

Megaspores of the turma zonales from the Carboniferous of Poland. Part II - Reconsideration of the genus *Triangulatisporites*

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The genus *Triangulatisporites* is emended. The descriptions of the four known species are supplemented and five new species are described. The structure of the spore wall was studied with the SEM and in transmitted light; the main wall layers are: mesospore, exospore and perispore. The perispore structure in *Triangulatisporites* is the basic taxonomic feature. The natural relationships of these megaspores are discussed.

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