New species of Upper Cambrian conodonts from Poland

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From the Agnostus pisiformis Zone the Upper cambrian, from borehole Żarnowiec (northern Poland), five new species of conodonts are described and one genus is established: Furnishina polonica n.sp., F. alata n.sp., Muellerina pomeranensis, n.gen., n.sp. Westergaardodina obliqua n.sp. and W. wimani n.sp. It was noted that chemical composition of Cambrian conodonts depends on their diagenesis. Differences in the development of basal opening in the genus Furnishina Muller and of all later genera were observed. Occurrence of conodonts of the genus Westergaardodina Muller in pairs, similarly as in the case of proper conodonts, was recorded.

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