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Carboniferous spores from the Chełm I boring (Eastern Poland)

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A description is given of 34 species of 10 genera of megaspores, of this number 8 new species and one new variety, from Carboniferous of the Chelm I boring. A hundred and sixty eight species of microspores of 59 genera are identified. A new gen us and 6 new species of microspores are described. Quantitative (specific and generic) microspore analyses have been carried out whose results are shown in Tables 2 and 3, as well as a megaspore qualitative analysis presented in Table 1. A stratigraphic correlation is made with the Upper Silesian Coalfield (Western Poland), with the U.S.S.R.'s coalfield and with Carboniferous of Spitsbergen. It is used as a basis for distinguishing in the Carboniferous series of the Chelm I boring, of the following stratigraphic units: Upper and Lower(?) Visean, Namurian A, B and C, and Westphalian A (+ B?).