Stuchlik, L., Ziembinska-Tworzydlo, M., Kohlman-Adamska, A., Grabowska, I., Slodkowska, B., Wazynska, H. & Sadowska, A. 2009

Atlas of Pollen and Spores of the Polish Neogene

Volume 3 – Angiosperms (1)

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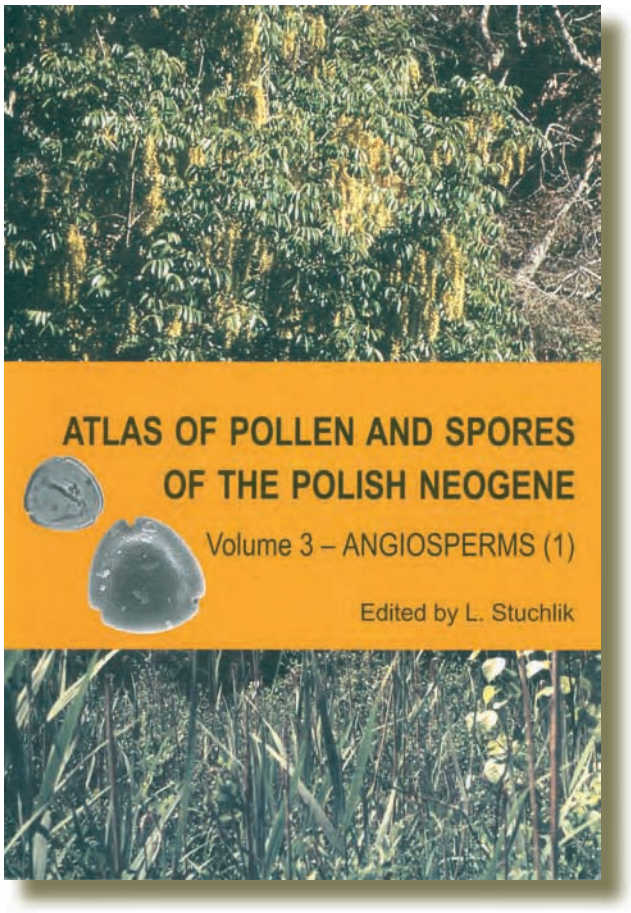

The first volume of the ***Atlas of Pollen and Spores of the Polish Neogene*** appeared several years ago. The series started as a synthesis of the palynological studies into the Polish Neogene carried out during the last half of a century. The authors intended to offer a complete overview of all identified pollen and spore taxa from the Neogene sediments of Poland. Two volumes have been published so far: volume **1 – *Spores*** and volume **2 – *Gymnosperms***. The third volume, ***Angiosperms*, *I*** was brought recently out. It contains photo documentation and description of the fossil angiosperm pollen of the following morphotypes: inaperturate, monoporate, diporate, triporate, zonoporate, and pantoporate. Colpate and colporate pollen grains will be subject of the next **Vol. 4**. A list of synonyms, information about botanical affinity, occurrence in fossil record, as well as information about the allied recent plants is presented for each taxon. Two new morphogenera, *Pteroceltipollis* and *Thalictrumpollis,* and 14 new species have been introduced in this issue. A total of 108 fossil species belonging to 49 fossil genera from 31 recent families have been presented. The descriptions of all presented taxa follow the International Code of Botanical Nomenclature, including comprehensive synonym lists.

In conclusion, mention deserves the fact that the ***Atlas of Pollen and Spores of the Polish Neogene. Volume 3 – Angiosperms (1)*** is a useful tool and practical manual for a wide range of users: biology and geology students, novice palynologists, specialists in biostratigraphy, paleoecology, vegetation history and plant evolution.