

NEOGENE LEAF FLORA FROM SOŚNICA NEAR WROCLAW

by

Ewa ZASTAWNIAK

The fossil flora from Sośnica (former Schoschnitz) in Lower Silesia, described by H. Goeppert in 1855, revised in 1912-1921, is one of the classical leaf floras of the Neogene of Central Europe. This flora presents a particularly valuable material because the fine-grained clays of this locality contain numerous impressions of leaves and remains of fruits, seeds, cones, shoots, flowers and inflorescences from various taxons of the Arcto-Tertiary flora. The purpose of a new study is the critical analysis of the old Goeppert's collection, designation of the type of specimens and the elaboration of the new collection from the 1954-1973. Morphological observations will be supplemented with a study carried out by the cuticular analysis method in cooperation with Dr. H. Walther from the Staatliches Museum für Mineralogie und Geologie zu Dresden. A short history of previous studies and the general characteristics of the leaf and fruit-and-seed floras is contained in the preliminary report published in 1981.

References

1. Łańcucka-Środoniowa, M., Walther, H., Zastawniak, E. 1981. A preliminary report on a new study of the Neogene flora from Sośnica near Wrocław in Lower Silesia, West Poland (leaf and fruit-seed floras). *Acta Palaeobot.* 21(2): 101-114.