



## Józef Grzybowski: the founder of Applied Micropalaeontology

**Michael A. Kaminski, Stanisław Geroch, & Danuta G. Kaminski (eds) 1993. *The Origins of Applied Micropalaeontology: The School of Józef Grzybowski* (with a taxonomic revision of the Grzybowski Collection). Grzybowski Foundation Special Publication no. 1. 336 pp., 18 reproductions of the original plates, 22 text-figures, 17 plates. Alden Press, Oxford, ISBN: 83-901164-0-5 (the book is available through the Editors, and The Geological Society of Poland, ul. Oleandry 2a, 30-063 Kraków, Poland); £ 29.95.**

It is not a coincidence that *Grzybowski Foundation Special Publication no. 1* is focused on Grzybowski's contribution to the world micropalaeontology. Józef Grzybowski (1869–1922) was the first to apply microfossils to correlate subsurface strata. He published four monographs of microfossils from the Carpathian flysch describing over a hundred new species of Cretaceous and Tertiary foraminifera.

The book gives us an introduction by Stanisław Czarniecki which sets the scene of Grzybowski's pioneering studies. This delightful introduction makes one appreciate under what difficult conditions Grzybowski undertook his task of monographing the Foraminifera of the Carpathian Flysch. The following, main part of the book presents the first English translations of the six classic monographs of microfossils from the Carpathians written by Grzybowski and his co-workers W. Friedberg and M. Dylażanka. The editors took great care in translating these papers – correcting printing mistakes in the originals, and adding numerous footnotes in the translated text. The footnotes provide useful updates to the systematic taxonomy of the species described from the Carpathian Flysch.

The final part contains a revision by M.A. Kaminski and St. Geroch of type foraminifera housed in the Grzybowski Collection and a geological overview by Andrzej Ślaczka of the type localities in the Outer Carpathians. For the purpose of taxonomic stability, the authors of the revision designated 43 lectotype specimens from the Grzybowski Collection and, emended some Grzybowski's taxa. The type specimens of all species are well illustrated using light microscopy. The review represents an important original contribution to the taxonomy of cosmopolitan deep-water agglutinated foraminifera, and most importantly makes Grzybowski's work available to the world micropalaeontological community. This book is undoubtedly an excellent handy reference volume of interest to any researcher working on Alpine-Carpathian flysch, deep-sea sediments, or with the taxonomy of agglutinated foraminifera.