

*Polen de Gimnospermas y Fagáceas de la Formación Rio Turbío (Eoceno), Santa Cruz, Argentina.* Edgardo Juan Romero. Fundación para la Educación, la Ciencia y la Cultura, Buenos Aires, 1978, 219 pp., 12 tables, 47 figures.

This book, issued under the auspices of the CIRGEO (Centro de Investigaciones en Recursos Geológicos), Buenos Aires, is written in Spanish. Because of this fact the book may not get the international attention which it deserves. It is a pity that the author only gives a brief summary in English whereas the complete text comprises so much information on so many interesting subjects.

After a short description of the geology of the area investigated, a long chapter follows on the pollen morphology of Gymnosperms and species of *Nothofagidites* found in samples of Eocene age. Thirteen gymnospermous species have been recognized, all with affinities to genera restricted to the Southern Hemisphere, such as *Araucariacites* (*Araucaria*), *Podocarpites* (*Podocarpus*), *Phyllocladites* (*Phyllocladus*), etc. Within the form genus *Nothofagidites*, with botanical affinities to *Nothofagus*, eight taxa are described among which two represent new species. All taxa are rather well illustrated by L-M photographs. As it was sometimes difficult to delimit the different species, discussions on classification, nomenclature, terminology and features have been included.

After having described and discussed these pollen markers ten cores were analyzed and the results given in a large number of pollen diagrams. Discussion on the stratigraphy, palaeogeography, palaeophytogeography and palaeoecology conclude the book.

Palynologists interested in pollen samples of Tertiary age from the Southern Hemisphere are recommended to use this book. Even for those unable to read Spanish fluently, the pictures and diagrams give enough valuable information to make good use of the data given.

W. PUNT (Utrecht)

*The Yorkshire Jurassic Flora, V. Coniferales.* T.M. Harris. British Museum (Natural History), London, 1979, 166 pp., 7 pl., £22.50.

The recent publication of Professor Harris' fifth volume completes this major work on the Jurassic flora of Yorkshire. It embodies results of research carried out over four decades, his first paper on this flora dating from 1940. The first volume of his *magnum opus* (Thallophyta and Pteridophyta) appeared in 1961, the second (Caytoniales, Cycadales and Pteridosperms) in 1964, the third (Bennettitales) in 1969, the fourth (Ginkgoales — with co-author W. Millington — and Czekanowskiales — with co-author J. Miller) in 1974, and now in 1979 the fifth and final volume. It is a magnificent piece of work, meeting the need for an up-to-date compendium, and including much new information not previously published.