

Romanian Journal of STRATIGRAPHY

continuation of

DĂRI DE SEAMĂ ALE ȘEDINȚELOR INSTITUTULUI DE GEOLOGIE ȘI GEOFIZICĂ
COMPTES RENDUS DES SÉANCES DE L'INSTITUT DE GÉOLOGIE ET GÉOPHYSIQUE
(4. Stratigrafie)

Founded 1906 by the Geological Institute of Romania

ISSN 1220-5664

Vol. 76
Supplement Nr. 7
(3 volumes)



IUGS, REGIONAL COMMITTEE ON MEDITERRANEAN NEOGENE STRATIGRAPHY
4 - 9 September

A B S T R A C T S VOLUME 1



Institutul Geologic al României
București - 1995

**CONTRIBUTION TO THE STUDY OF THE TERRESTRIAL NEOGENE OF
GREECE. ARTIODACTYLA AND RHINOCEROTIDAE FROM THE KERASSIA
AND CHALKOUTSI LOCALITIES**

THEODOROU G.E., ROUSSIAKIS S.J., ATHANASSIOU A.

Department of Historical Geology and Palaeontology, Athens University, Athens, GREECE

The first results of recent excavations (1992-1994) at two Neogene vertebrate localities of Greece are discussed here. The scientific knowledge on the composition of the fauna and the magnetostratigraphy and biostratigraphy of these two localities is given mainly by KOUMANTAKIS, 1971, HEYE et al., 1980, MADE et al., 1989. The systematic excavations that we carry out show that we can expect a lot of new findings and biostratigraphic data. The only serious drawback is that the condition of the fossils at Kerassia is very bad making the preparation of the fossils extremely difficult and time consuming.

The fauna of the first locality, as it is given by the findings that are already prepared from Kerassia, is consisted of *Perissodactyla* (Equidae and Rhinocerotidae), *Artiodactyla* (Bovidae, Giraffidae) and Carnivora, while that of the second locality, Chalkoutsi, is characterized by the presence of *Perissodactyla* (Equidae and Rhinocerotidae), *Artiodactyla* (Bovidae and Giraffidae) and Carnivora.

This study is based mainly on Bovidae and Rhinocerotidae. Equidae are studied separately while the material of Carnivora is at the moment inadequate for any serious taxonomic and biostratigraphic work.

The excavations were financially supported by the Research Commission of the University of Athens.

References

- Heye D., Schneider H.E., Symeonidis N., 1980-1981 : Zur Altersstellung der Pikermistufe auf Grund Paläomagnetischer Messungen. *Ann.Geol.Pays Hellen.*, 30 (2): 571-577, Athens.
- Koumantakis I.E., 1971 : Les formations pontiennes de Chalkoutsi de l'Attique septentrionale (Grèce). *Ann.Geol.Pays Hellen.*, 23: 274-284, Athens.
- Made J. Van Der, Moya-Sola S., 1989 : European Suinae (Artiodactilya) from the Late Miocene onwards. *Boll.Soc. Pal. Italiana*, 28 (2-3): 329-339, Modena.
- Mitzopoulos M.K., 1979 : Die Verbreitung der Pikermistufe auf der Insel Euboea. *Ann.Geol.Pays Hellen.*, 1:209-216, Athenes.
- Woodward A.S., 1901 : On the bone beds of Pikermi, Attica, and on similar deposits in Northern Euboea. *Geol.Mag.*, Decade IV, 8 (449): 481-486. London.