

## MEGHÍVÓ

Az MTA–MTM–ELTE Paleontológiai Kutatócsoportja és az MTM Óslénytani és Földtani Tára félig formális, félig kötetlen, házi (de nyilvános) előadás-sorozatának negyvenkilencedik előadására

Marc FURIÓ:

The origin, evolution and taxonomy of Plio-Pleistocene hedgehogs in Europe

Ideje: 2013. február 19. (kedd), 15:00

Helye: az Óslénytár könyvtára (Ludovika tér 2.)



Hedgehogs of the genus *Erinaceus* (Insectivora, Mammalia) are nowadays spread all over Europe. However, molecular studies carried out in the last two decades indicate that these animals expanded or constrained their latitudinal distribution strongly influenced by glaciations.

These molecular studies also state that the split of *Erinaceus* which led to the two main European species (*E. europaeus* and *E. concolor*) took place at a Pliocene age, and latitudinal changes in the distribution of hedgehogs enhanced the speciation processes into different clades within each species. The dates provided by these molecular studies, however, are not in agreement with the literature on fossil insectivores. According to the specific literature, the oldest records of the recent species do not extend further back than the Pleistocene. At the same time, the taxonomy of the genus *Erinaceus* is in need of revision because different authors created different species based on different morphological criteria and measurements. In the present study, the goal is to unify the taxonomic criteria to make easier the identification of the Plio-Pleistocene species of *Erinaceus*, thus testing the validity of the previous results obtained by molecular studies.



Marc Furió - Researcher from ICP at the Neogene and Quaternary Faunas Dept. Work focused on taxonomy, biochronology and paleobiology of Miocene, Pliocene and Pleistocene fossil insectivores.

Vendégünk a SYNTHESYS projekt keretében érkezett, házigazdája Gasparik Mihály.

Az előadásra minden érdeklődőt szeretettel várunk!