



***EVOLUTION 93***

**Fourth Congress  
of the  
European Society for  
Evolutionary Biology**

**Montpellier (France)  
August 22-28, 1993**

**Université Montpellier II  
(Sciences et techniques du Languedoc)**

08.073 – P. VERDYCK *et al.*: Molecular phylogeny of the *Phyllotreta cruciferae* complex of sibling species (Coleoptera: Chrysomelidae).



**SYMPOSIUM 9:**

**PALEOBIOLOGY AND EVOLUTION OF EARLY CENOZOIC MAMMALS ;  
A symposium in honor of D.E RUSSELL**

Organized by Philip D. GINGERICH and Marc GODINOT

Tuesday 24, August

**Morning session: 10h–12h**

- 10:00–10:10 — P. GINGERICH and M. GODINOT: Introduction.  
10:10–10:30 — G. STORCH: Paleobiology of Messel Erinaceomorphans.  
10:30–10:50 — J. FRANZEN: Paleobiology of the Messel primates.  
10:50–11:10 — P. LUCKETT: Number and homology of premolars in Tribosphenida (Mammalia).  
11:10–11:30 — P. BUTLER: Dilambdodont molars.  
11:30–11:45 — L. KORDOS: Sirenian evolution in the Tethyan area during the early Cenozoic.  
11:45–12:00 — M. GODINOT and R. SMITH: Affinities and way of life of *Paschatherium* (Condylarthra) from its tarsals.

**First afternoon session: 14h–16h**

- 14:00–14:20 — E. GHEERBRANT: N'Tagout 2 (Morocco, Ypresian): the oldest Eocene mammal locality from Africa.  
14:20–14:40 — D. KRAUSE: The biogeographic origins of the modern orders of mammals: did the Indian subcontinent and Madagascar play a role?  
14:40–15:00 — M. DAWSON: Holarctic late Paleocene to early Eocene rodent faunas.  
15:00–15:20 — T. MARTIN: Incisor enamel microstructure evolution in early Paleogene rodents and its phylogenetical implications.  
15:20–15:40 — M. VIANEY-LIAUD and J.-J. JAEGER: New hypothesis for the origins of the African rodents Graphiuridae and Anomaluridae.  
15:40–16:00 — J. AGUSTI, J. BARBERA, L. CABRERA, J. PARÉS and M. LLENAS: Mammalian events at the Oligocene-Miocene boundary in the Ebro Basin (North-Eastern Spain). Correlation with the geomagnetic scale.

**Second afternoon session: 16h30–18h30**

- 16:30–16:50 — C. ESTRAVIS: Les mammifères de Silveirinha (Eocène inférieur du Portugal): composition, biostratigraphie et corrélations avec les gisements du niveau repère de Dormaal.  
16:50–17:10 — E. KORDIKOVA: Preliminary data about paleontology and stratigraphy of the Southern and Eastern parts of Aktau Mountains, South-Eastern Kazakhstan.  
17:10–17:30 — J. HARTMAN: Patterns of diversification of North American Paleogene nonmarine Mollusca in the context of Mammalian biochronology.  
17:30–17:45 — J. HOOKER: *Adapisorex anglicus* is a bat.  
17:45–18:00 — S. TING: A new early Eocene perissodactyl from Hengdong, China.  
18:00–18:15 — A. AVERIANOV: New dichobunid artiodactyls from the early Eocene of Kirgizia.  
18:15–18:30 — V.A. NESIN and L.I. REKOVETS: On the problem of the origin and evolution of Arvicolidae (Rodentia).

**POSTERS:**

- 09.074 – P. PELAES-CAMPOMANES and N. LOPEZ MARTINEZ: Strange Eocene rodents from Spain.

