



R.C.M.N.S. Interim Colloquium



1-3 MARCH 2011 - SCONTRONE (L'AQUILA), ITALY

ABSTRACT BOOK

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R.C.M.N.S. Interim Colloquium



PROGRAM

Monday 28th February

17:00-18:30 Registration

18:30 Welcome reception

Tuesday 1st March

9:00-10:00 Registration

10:00-10:30 Opening ceremony

11:00-13:15 **SESSION 1** - Chairman: *Louis DE BONIS*

- 1.1. Werner E. PILLER - CHANGING MIOCENE FAUNAL COMPOSITION AS INDICATOR FOR MARINE MIGRATION PATHWAYS BETWEEN THE CENTRAL PARATETHYS AND THE MEDITERRANEAN
- 1.2. Jordi AGUSTÍ - MAMMALIAN DISPERSALS AND EXTINCTIONS IN THE LATE NEOGENE OF WESTERN EURASIA
- 1.3. Anastassios KOTSAKIS - NEOGENE MEDITERRANEAN INSULAR VERTEBRATE ASSEMBLAGES

13:15-15:00 **LUNCH**

15:00-18:00 **SESSION 2** - Chairman: *Jordi AGUSTÍ*

- 2.1. *Etta PATACCA & Paolo SCANDONE* - TERTIARY EVOLUTION OF THE APULIA PALEOGEOGRAPHIC DOMAIN
- 2.2. Lars VAN DEN HOEK OSTENDE - AMONG OTHER ISLANDS: GARGANO!
- 2.3. Sevket SEN - AFRICAN NEOGENE MAMMALS IN THE MIDDLE EAST: WAYS AND WHYS
- 2.4. Paul MAZZA, *Sandro LOVARI, Federico MASINI, Marco MASSETI & Marco RUSTIONI* - LAND MAMMAL COLONIZATION OF ISLANDS IS A MULTIFACTORIAL PRODUCT: A CRITIC TO THE UNWISE USE OF MODELS

20:00 **DINNER**

Wednesday 2nd March

9:00-10:40 SESSION 3 – Chairman: *Walter LANDINI*

- 3.1 Alexandre F. BANNIKOV – SUCCESSION OF THE BONY FISH FAUNAS IN THE EASTERN PARATETHYS DURING THE MIOCENE
- 3.2 Davit VASILYAN – LATE PALEOGENE AND NEOGENE FOSSIL FISHES OF ARMENIA
- 3.3 Giorgio CARNEVALE – THE MESSINIAN FISH FAUNA OF CAPO DI FIUME, ABRUZZO, CENTRAL ITALY: TAPHONOMY AND PALEOECOLOGY
- 3.4 Davit VASILYAN, *Madelaine BÖHME*, *Viacheslav CHKHIKVADZE* & *Michael WINKLHOFFER* – PALAEOBIOGEOGRAPHY AND PALAEOCLIMATIC SIGNIFICANCE OF EURASIAN CENOZOIC GIANT SALAMANDERS – CRYPTOBRANCHIDAE (CAUDATA: AMPHIBIA)
- 3.5 Massimo DELFINO & *Maria Adelaide ROSSI* – FOSSIL CROCODYLIDS FROM SCONTRONE (EARLY TORTONIAN, ITALY) AND THE LATE MIOCENE MEDITERRANEAN CROCODYLID BIOGEOGRAPHY

10:40-11:30 COFFEE BREAK

11:30-12:50 SESSION 4 – Chairman: *Sevket SEN*

- 4.1 Stephen J. GODFREY – THE MIOCENE VERTEBRATE FAUNA OF CALVERT CLIFF, MARYLAND, U.S.A.
- 4.2 *Sam MATSON*, *Marco G. BENVENUTI*, *Oriol OMS*, *Mauro PAPINI* & Lorenzo ROOK – PRIMATE TURNOVER IN THE BACCINELLO-CINIGIANO BASIN: STABLE ISOTOPE ANALYSES AND FAUNAL TURNOVER OF A LATE MIOCENE VERTEBRATE-BEARING SUCCESSION IN SOUTHERN TUSCANY (ITALY)
- 4.3 Simone COLOMBERO, *Chiara ANGELONE* & *Marco PAVIA* – PRELIMINARY DATA ON FOSSIL RODENTS FROM THE VERTEBRATE SITES MONCUCCO AND VERDUNO (POST-EVAPORITIC MESSINIAN, PIEDMONT, NW ITALY)

- 4.4 Maria Rita PALOMBO - SIZE CHANGE IN INSULAR MAMMALS:
SCRUTINIZING ASSUMPTIONS OF A HOTLY DEBATED QUESTION

12:50-15:00 LUNCH

15:00-16:40 **SESSION 5** - Chairman: *Anastassios KOTSAKIS*

- 5.1 Matthijs FREUDENTHAL & *Elvira MARTÍN-SUÁREZ* - THE LATE
MIOCENE COLONIZATION OF GARGANO AND SCONTRONE
- 5.2 Federico MASINI, *Paolo Maria RINALDI*, *Andrea SAVORELLI* & *Marco*
PAVIA - A NEW SMALL MAMMAL ASSEMBLAGE FROM THE PIRRO
12 "TERRE ROSSE" FISSURE FILLING (GARGANO, SOUTHEASTERN
ITALY)
- 5.3 Andrea SAVORELLI - NEW DATA ON THE GARGANO (APULIA)
CRICETIDS FROM THE MIOCENE "TERRE ROSSE"
- 5.4 Boris VILLIER & *Lars VAN DEN HOEK OSTENDE* - NEW DISCOVERIES
FROM GARGANO (APULIA, ITALY) ABOUT THE GIANT HEDGEHOG
DEINOGALERIX
- 5.5 Marco PAVIA - FOSSIL BIRDS FROM THE NEOGENE OF THE
GARGANO (APULIA, SE ITALY)

16:40-17:10 COFFEE BREAK

17:10-18:10 **SESSION 6** - Chairman: *Matthijs FREUDENTHAL*

- 6.1 Federico MASINI & *Flaviano FANFANI* - THE SMALL SIZED GALERICINI
FROM F32 "TERRE ROSSE" FISSURE FILLING (GARGANO,
SOUTHEASTERN ITALY) AND ITS BIOCHRONOLOGICAL
IMPLICATIONS
- 6.2 Boris VILLIER & *Lorenzo ROOK* - CARNIVORES IN ISLAND FOSSIL
RECORD: NEW DATA FROM GARGANO TERRE ROSSE FAUNAS
- 6.3 Paolo Maria RINALDI & *Federico MASINI* - PHYLOGENETIC
RELATIONSHIPS OF GENUS *STERTOMYS* (GLIRIDAE) FROM THE
"TERRE ROSSE" FISSURE FILLINGS (GARGANO, APULIA)

20:00 GALA DINNER

Thursday 3rd March

9:00-10:40 **SESSION 7** - Chairman: *Lorenzo ROOK*

- 7.1 Paul MAZZA - THE SYSTEMATIC POSITION OF HOPLITOMERYCIDAE REVISITED
- 7.2 *Maria Rita PALOMBO, Pere BOVER & Roberto ROZZI* - THE ENDEMIC BOVIDS FROM SARDINIA AND THE BALEARIC ISLANDS: THE STATE OF ART
- 7.3 Daniela E. WINKLER - DENTITION AND DIET: NEW 3D-METHODS HELP TO DISCOVER DENTAL ADAPTATIONS IN THE EXTINCT BOVID MYOTRAGUS
- 7.4 Antonella Cinzia MARRA, *Nikos SOLOUNIAS, Giuseppe CARONE & Lorenzo ROOK* - PIKERMIAN "GUESTS" IN THE LATE MIOCENE OF CALABRIA, SOUTHERN ITALY
- 7.5 Peter JONIAK - BIOSTRATIGRAPHICAL INTERPRETATION OF TUĞLU FORMATION IN ÇANKIRI BASIN (CENTRAL ANATOLIA, TURKEY) BASED ON NEWLY COLLECTED SMALL MAMMALS ASSEMBLAGES

10:40-11:20 **COFFEE BREAK**

11:20-12:50 **SESSION 8** - Chairman: *Paul MAZZA*

- 8.1 *Dawid Adam IURINO & Raffaele SARDELLA* - GEOGRAPHICAL DISTRIBUTION AND 3D RECONSTRUCTION OF THE LATE MIOCENE SABERTOOTHED CAT AMPHIMACHAIRODUS EX GR. KABIR (FELIDAE, MAMMALIA)
- 8.2 *Patrizia ARGENTI, Angela BALDANZA & Roberto BIZZARRI* - LONG-LASTING EARLY PLEISTOCENE CONTINENTAL SCENERY ACROSS THE TUSCAN-UMBRIAN BOUNDARY (CENTRAL ITALY): FAUNAL ASSEMBLAGES, SEDIMENTOLOGICAL FEATURES AND PALEOENVIRONMENTAL EVOLUTION
- 8.3 Marco CHERIN - THE EARLY PLEISTOCENE MAMMAL FAUNA FROM PANTALLA (PERUGIA, CENTRAL ITALY). PRELIMINARY DATA
- 8.4 Etta PATACCA & Paolo SCANDONE -

12:50-15:00 LUNCH

15:00-17:00 **GENERAL DISCUSSION** - Chairman: *Werner E. PILLER & Jordi AGUSTÍ*

17:00-18:00 ETTA PATACCA, PAOLO SCANDONE, PAOLO MAZZA & GIORGIO CARNEVALE - INTRODUCTION TO THE FIRST POST-CONFERENCE EXCURSION (SCONTRONE AND CAPO DI FIUME SECTION)

20:00 DINNER

Friday 4th March

9:30-17:00 - Visit to the Scontrone fossil site; detailed sections in the Miocene carbonate deposits of the *Lithothamnium* Limestone Formation in the Scontrone area.

Saturday 5th March

9:30-17:00 - Upper Oligocene-Messinian deposits of Majella (Bolognano Group, Gessoso-Solfifera Formation and *Congerina* Marls) and Porrara (Capo di Fiume section). The excursion is planned to end with a visit to the Alto-Aventino Geopaleontological Museum in Palena.



ABSTRACTS

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