

12th International Cave Bear Symposium



2nd Circular

**2-5 November 2006
in Aridéa/Loutrá
District Pella
Macedonia, Greece**

Conference Organizers

School of Geology, Aristotle University of Thessaloniki
Commission for Quaternary research of Austrian Academy of Science
Institute for Palaeontology, University of Vienna
Municipality of Aridéa
Prefecture of Pella
Physiographical Museum of Almopia
Hellenic Speleological Society, Department of Northern Greece

SPONSORS

1. ARISTOTLE UNIVERSITY OF THESSALONIKI (A.U.TH.)
2. RESEARCH COMMITTEE A.U.TH.
3. COMMISSION FOR QUATERNARY RESEARCH OF AUSTRIAN ACADEMY OF SCIENCE
4. MINISTRY OF MACEDONIA AND THRACE
5. PREFECTURE OF PELLA
6. MUNICIPALITY OF ARIDÉA
7. MUNICIPAL ENTERPRISE OF LOUTRÁ ARIDÉAS
8. GEOTECHNICAL CHAMBER OF GREECE

Location

The congress will be held in Aridéa (Pella, Macedonia, N. Greece) a small town located 100 km to the northwest of Thessaloniki, in the Almopia plain, close to the former Yugoslavian border. Oral and poster presentations will be performed in "Ksenitidion Center" in Aridéa town, the municipal center of the area. Accommodation and other activities will take place in the Loutrá Aridéas (spa) area and Loutraki village, 12 km to the west of Aridéa, on the slopes of the Voras Mountain. How to get there: see 1st circular.

Conference fees

The conference fees are 25 EUROS. They cover the costs of:

- ☉ Entry to all congress presentations
- ☉ Refreshments and coffee during breaks on the day of presentations
- ☉ Dinner on the opening day (Thursday), the lunch on Friday (day of presentations) and the dinner on Saturday.
- ☉ A complete set of conference literature together with the symposium proceedings.
- ☉ Excursion on Saturday 4/11/2006 and coach trip on Sunday 5/11/2006.

Conference fees are to be paid at the congress office at your arrival.

Accommodation

In Loutrá Aridéas and the surrounding area of Loutraki village there are numerous guesthouses, small hotels and rooms to rent, offering a wide range of accommodation in all categories and costs.

Three possibilities for accommodation are proposed:

- 1) The near most Hotel "**Filoxenia**", Tel.: **+30 2384091095, +30 2384091397**, fax: **+30 2384091075** (no available E-mail). The rooms canceled 10 days before the Symposium date, are without charge; otherwise half of the price have to be paid.
- 2) In the Loutrá Aridéas (spas) area there are few economical rooms (6€ per person), mainly for students, with a common use WC.
- 3) There is also the possibility of free camping in a properly prepared area in the Loutrá Aridéas, for those who prefer living in nature.

Special websites for more information are:

<http://www.geo.auth.gr/12icbs/index.htm>

<http://www.dimosarideas.gr>, <http://www.pella.gr/infoengl.htm>

<http://www.greekphotobank.gr/thumbnails.php?album=78>

http://www.museumsofmacedonia.gr/Anthropological_and_Nat_History/Laogr_Fys_Loutrakioy_Pella.html

Climate and Clothing

Weather in the area of Aridéa during November is usually changeable. The temperature may range from 9°C during night to ~17°C during the day. The possibility of rain is high. For the spa facilities, your bathing suit is necessary.

Language

English is the official language of the Symposium. No simultaneous translation will be available.

Full papers

The paper has to be up to 10 pages, in WinWord file with Arial 11pt font, regular, single space. The format of the papers is: The page margins: top & bottom 2,5 cm, left & right 3.0 cm. Specifically: Title: 14 pt bold caps, Authors: 13 pt Name SURNAME with footnote the address and e-mail (9 pt), About 6 keywords 9 pt, Abstract, captives, references, with Arial regular 10 pt, References in text in small caps, in references the names in caps.

You have to send by post: one final colored print and two b/w photocopies of the paper and a cd (or an e-mail) with the text and the illustrations separately in jpg formats in sufficient resolution.

Posters

The size of the posters can be up to 90 cm in width and up to 175 cm in height.

IMPORTANT DATES

- 18 September 2006, full papers submission

Further information

For all your inquiries contact the conference organizer:

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PRELIMINARY PROGRAM

Thursday, 2 November 2006 – Arrival day

Gathering at the Geology School (Aristotle University of Thessaloniki) - visit the Paleontological Museum. Most of the participants arrive at about noon-14h; therefore there will be few time free for site seeing in the Thessaloniki center (where the university is situated), of very interesting monuments, mainly of Byzantine and Roman times (see attached map). The luggage can be left in a safe place in the Department.

16.30 Welcoming by the President of the Geology School, Prof. G. Christofides and the Director of the Geology Department, Prof. G. Soulios. Professor George Koufos will present the famous Petralona hominid skull, the Ouranopithecus and Mesopithecus primate material.

17.15 Scheduled departures for the Loutrá. Arrival about 19h. Check in the rooms, Spa in the waterfall or the pool. In the meanwhile the secretariat will start the registrations and prepare the power point presentations. Also the available posters will be collected for the next day to be placed.

21:30 Welcoming Dinner in the Loutrá Restaurant.

Friday, 3 November 2006

07:30 Breakfast in the Loutrá Restaurant

08:30 Departure for Aridéa "KSENITIDION CONGRESS HALL"

9 ⁰⁰	Opening ceremony-welcoming by local authorities		
9 ³⁰	Professor KOUFOS George	Neogene and Quaternary paleoanthropological findings of Greece	
10 ⁰⁰ -10 ¹⁵	NOVELLI Michaela & PALOMBO Maria Rita	T1	Hunter Schreger Bands (HSB) and dietary adaptation of a late Middle Pleistocene bear, <i>Ursus spelaeus</i> Rosenmüller-Heinroth 1794, from Rome (Latium, central Italy)
10 ¹⁵ -10 ³⁰	BARYSHNIKOV Gennady	T2	Morphometrical variability of cheek teeth of Cave Bears
10 ³⁰ -10 ⁴⁵	ABELOVÁ Martina	T3	Application of Isotope analyses in the study of bear teeth
10 ⁴⁵ -11 ⁰⁰	PACHER Martina & STUART J. Anthony	T4	Extinction of the Cave Bear; a preliminary analysis using direct ¹⁴ C dates
11 ⁰⁰ -11 ¹⁵	PINTO LLONA Ana C.	T5	Comparative dental microwear analysis of cave bears and brown bears
11 ¹⁵ -11 ⁴⁵	Coffee break		
11 ⁴⁵ -12 ⁰⁰	VOUGIOUKALAKIS Georges & ELEFThERIADIS Georgios	T6	Almopias Late Neogene volcanic activity
12 ⁰⁰ -12 ¹⁵	ROSENDAHL Wilfried & DÖPPES Doris	T7	Trace fossils from bears in caves of Germany and Austria
12 ¹⁵ -12 ³⁰	GRANDAL-D'ANGLADE Aurora, VIDAL-ROMANI J.R., VAQUEIRO-RODRIGUEZ M. & MÉNDEZ E.	T8	O Rebolal: a new cave in Galicia (NW Spain) with recent cave bear remains
12 ³⁰ -12 ⁴⁵	SANTOS Elena; GARCÍA Nuria; ARSUAGA, J.L. & CARRETERO, J.M.	T9	High-resolution X-ray computed tomography applied to the study of some endocranial traits in cave and brown bears
12 ⁴⁵ -13 ⁰⁰	KERSTIN Athen	T10	Gender separation in <i>Ursus arctos</i> – Discriminant analysis on metapodial bones
13 ⁰⁰ -13 ¹⁵	ToŠKAN Borut	T11	Cave Bear metapodials from Divje Babe I (Slovenia)
13 ¹⁵ -13 ³⁰	HOFREITER Michael	T12	Progress in ancient DNA analyses from cave bears
13 ³⁰ -13 ⁴⁵	STILLER Mathias, HOFREITER Michael, TRINKAUS Erik, ZILHÃO João, CONSTANTIN Silviu, QUILÉS Jérôme & RICHARDS Mike	T13	Ancient DNA and stable isotopes from the cave bears of Peștera cu Oase, Romania – Preliminary results
13 ⁴⁵ -14 ⁴⁵	Lunch break		
14 ⁴⁵ -16 ⁴⁵	Poster presentation		
	ARGANT Alain	P1	Ancient Bears
	RABEDER Gernot & WITHALM Gerhard	P2	Brown bear remains (Ursidae, Mammalia) from Early Pleistocene cave fillings of Deutsch-Altenburg (Lower Austria)
	SÄMANN Silke, PACHER Martina & FIEBIG Markus	P3	3-D reconstruction of glaciation and cave bear sites entrances in the Eastern Alps during the Last Glacial Cycle
	PINTO LLONA Ana C., GRANDAL D'ANGLADE Aurora & ROBINSON Sara	P4	Tito Bustillo, a new cave Bear Cave in Northern Spain
	QUILES Jérôme & CREGUT-BONNOURE Evelyne	P5	About the absence of cave bear in Provence (SE France) and the Vallescure's exception
	SANTI Giuseppe & ROSSI Mario	P6	New evidences on the bears from the Veneto region (North Italy) in the evolutionary picture of the Italian cave bears
	GIOVINAZZO Caterina & BONA Fabio	P7	Size variation on cave bear populations from "Caverna Generosa"(Late Pleistocene; Lombardy, Northern Italy)
	BONA Fabio	P8	Last Glacial (OIS 4, OIS 3 and OIS 2) paleoenvironmental analysis for western Lombardy (North Italy) Cave Bear sites
	ARMAND Dominique	P9	Abri Castanet (Dordogne, France): An Aurignacian site with bear exploitation
	VERCOUTERE Carole, SAN JUAN-FOUCHER Cristina & FOUCHER Pascal	P10	Human modifications on cave bear bones from the Gargas Cave (Hautes-Pyrénées, France)
	WAGNER Jan	P11	List of craniodental material of Pliocene ursids (genus <i>Ursus</i>) in the collection of Naturhistorisches Museum Basel
	MIJATOVIĆ Milica	P12	The Taphonomy of Cave Bears from Petriška Cave, Eastern Serbia
	PETREA Catalin & CONSTANTIN Silviu	P13	New paleontological and biochronological data on <i>Ursus spelaeus</i> from two caves of Romania
	TSOUKALA Evangelia, LAZARIDIS Georgios, CHATZOPOULOU Katerina & BARTSIOKAS Antonis	P14	Quaternary mammalian remains from Kitseli Pothole (Alea, Nemea, Peloponnese)
	FOSSE Philippe, ANDRÉ Daniel, BESSON Jean Pierre, CAMARRA Jean Jacques, DUBARRY Etienne, GALERA Jean Louis, JAUZION Georges, LABORDE Henri, MORSCHIEDT Jérôme, QUENETTE Pierre Yves, QUILÉS Jérôme, SOULIER Denise & SOULIER Michel	P15	Comparative study on cave bear (<i>Ursus spelaeus</i>) and brown bear (<i>Ursus arctos</i>) beds: eco-ethological considerations
GEORGIADIS Lazaros, BOUSBOURAS Dimitris, GIANNATOS Giorgos & GIANNAKOS Panos	P16	The status of the brown bear (<i>Ursus arctos</i>) in Greece	

17 ⁰⁰ -17 ¹⁵	KEMPE Stephan	T14	The Baumann's Cave at Rübeland/Harz, Germany, one of the Caves noted in early science history for its Cave Bear and Cave Hyena bone deposits
17 ¹⁵ -17 ³⁰	KEMPE Stephan, AL-MALABEH Ahmad, FRYHAT Mahmoud & HENSCHER Horst-Volker	T15	Hyena Caves in Jordan
17 ³⁰ -17 ⁴⁵	DIEDRICH Cajus	T16	Ice age spotted hyaenas ?hunting or only scavenging a cave bear <i>Ursus spelaeus</i> ROSENMÜLLER at the Ice Age spotted hyena freeland den and prey deposit site Bad Wildungen-Biedensteg (Hessia, Germany)
17 ⁴⁵ -18 ⁰⁰	DIEDRICH Cajus	T17	Cave bear open air site remains and den caves from the Upper Pleistocene of Central Bohemia (Czech Republic)
18 ⁰⁰ -18 ¹⁵	WUNN Ina	T18	Karl Meuli's "Griechische Opferbräuche" – towards an Ethology of Religion
18 ¹⁵ -18 ⁴⁵	Coffee break		
18 ⁴⁵ -19 ⁰⁰	ZORZIN Roberto, ACCORDINI Massimo, BONA Fabio, GATTO Roberto, ACCORSI Carla Alberta & MAZZI Riccardo	T19	First paleoenvironmental considerations on the Pleistocene deposits of the inferior Cave of Covoli di Velo (VR - Italy)
19 ⁰⁰ -19 ¹⁵	KOSTOPOULOS S. Dimitris	T20	The palaeoenvironment of the Greek Late Neogene-Quaternary ursids
19 ¹⁵ -19 ³⁰	PAVLAKIS Paris & MICHAILIDIS Dimitris	T21	Caves and fossils, bears and humans
19 ³⁰ -19 ⁴⁵	MOL Dick	T22	"Modern Mammoth Hunters: Investigations on mammoth carcasses from the Siberian permafrost"

19⁴⁵: Visit to the Museum of Aridéa, mainly with the exhibition of the Loutrá Aridéas cave bear remains and the associated fauna.

21³⁰: Dinner

Saturday, 4/11/2006 – Excursion day in the Almopia Speleopark

9:30 till 14:15	Visit and guiding to the Late Pleistocene site of the Bear-Cave where excavations have been carried out for 15 years with cave-bear and other associated remains. Visit to the unique showing cave of the area (the Varathron pothole), and the Cave B (Antarton cave) with archaeological interest. Secondly, visit to the other small caves of the speleological park of Almopia.
	<u>Speleo-equipment (overall, helmet, torch) is essential.</u>
14:15	Lunch break
15:00	Various excursions in the Rema Nicolaou gorge along the river with waterfalls, visit other caves, baths (spa), etc.
21:00	Closing Dinner - traditional music.

Sunday, 5/11/2006 – Departure day

6:00	Departure from the Loutrá Aridéas by bus Visit the Grevena proboscidean sites and exhibitions. Arrival in Grevena town, visit the elephant <i>Elephas (Paleoloxodon) antiquus</i> exhibition. Arrival in Milia village, visit the <i>Mammuth borsoni</i> with the world longest tusks (4.39m! each) and associated fauna in the local Museum. A reception by the Mayor of Herakleotes.
13:30	Arrival in Thessaloniki airport.
OR	
8:00	Departure from the Loutrá Aridéas by bus. Visit the Agios Georgios Cave in Kilkis that is the unique exclusively Latest Pleistocene hyaenid den in Greece. Exhibition of the fossils. A reception by the Mayor of Kilkis town will be offered.
13:00	Arrival in Thessaloniki airport.