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Universidad Internacional Menéndez Pelayo



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Introduction

Taphonomy is an essential part of Paleontology. Fossilization processes and the circumstances in which they took place must be understood before attacking problems directly related to the fossil record (rates of evolution and extinction, palaeoecologic, biostratigraphic or archaeological works).

"Taphos 2002" will be the third meeting held in Spain on Taphonomy. This meeting will be mainly sponsored by the "Universidad Internacional Menéndez Pelayo (UIMP)". The other sponsors will be the "Ayuntamiento de Valencia" (Valencia's City Council) and the "Universitat de València, Estudi General".

Some Scientific Societies have supported the diffusion of this meeting: Sociedad Española de Paleontología and the European Paleontological Association.

This Conference is on line with the two earlier meetings held in Spain on these fields under the heading "Reunion de Tatomonia y Fossilizacion" (Madrid, 1990 and Zaragoza, 1996 respectively). The successful participation in these last two meetings (with many foreign attendants) has convinced us to give an international character to our forthcoming Conference and we expect a high level of participation.

The official languages of the Conference are English and Spanish, with simultaneous translation. Ordinary contributions will be presented as posters that should be written in English; oral presentation of contributions can be done in Spanish or English.

We propose to the attendants some main topics to contribute to the Meeting:

- Taphonomy in Archaeology
- Taphonomy in analysis of evolution and extinction patterns
- Taphonomy in Biostratigraphy
- Theory of Taphonomy
- Taphonomy in other fields: palaeoecology, exceptional preservation, sedimentology and so on.

BANCAJA



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REGISTRATION

General Information

Phone: 34 96 386 98 00

Student Office

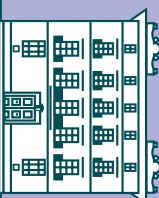
Universidad Internacional Menéndez Pelayo
 Palau de Pineda, Plaça del Carme, 4
 46003 Valencia
 Phones: 34 96 380 98 02/04
 Fax: 34 96 386 98 23
<http://www.uimp.es>
 e-mail: secretaria_valencia@uimp.es

Registration:

The registration process starts from January the 15th and ends February the 8th.

Registration fees: 108,18 €.

- The payment of the registration fees can be made with a bank transfer or cash deposit to the UIMP account: 2077 0063 51 3101275278 in the Bank BANCAJA, C/ Pintor Sorolla, nº 8 (Oficina Principal 63) in Valencia. Any expenses caused by the bank operations shall be charged to the participant).
- Encuentro convalidado por créditos de libre elección de la Universidad de Valencia y de la Universidad Miguel Hernández.
- **Taphos 2002** web page: <http://paleopolis.rtdiis.es/paleontologia/Taphos2002/>



Palau de Pineda

COMUNIDAD VALENCIANA
 2002

International Conference Taphos 2002 3rd Meeting on Taphonomy and Fossilization

Valencia (Spain), February 14 to 16, 2002



GENERALITAT VALENCIANA





**International Conference Taphos 2002
3rd Meeting on Taphonomy and
Fossilization**

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Museo Nacional de Ciencias Naturales del CSIC. Madrid

Eduardo Barrón López
Universidad Complutense de Madrid

THURSDAY 14

09,00 - 10,00 h. Registration and Delivery of Documentation

10,00 - 10,30 h. Presentation of the Conference and Official Opening

10,30 - 11,00 h. Coffee break

11,00 - 12,00 h. Opening lecture:
Non Olet: the Strange Taphonomy of Coprolites and Cololites
Adolph Sellacher
Universities of Tübingen (Germany) and Yale (United States)

12,30 - 13,00 h. Assessing Fidelity of Stable Light Isotope Signals in the Light of Mineral Structural Changes from Fossils in Karstic South African Hominid Sites
Julia Lee-Thorp
University of Cape Town, South Africa

13,00 - 16,00 h. Lunch

16,00 - 16,30 h. Permianization vs. Compression; Disparate Modes of Exceptional Preservation in the Burgess Shale and Their Palaeobiological Significance
Nicholas J. Butterfield
University of Cambridge, United Kingdom

16,30 - 17,30 h. Presentation of posters

17,30 - 18,00 h. Coffee break

18,00 - 19,00 h. Presentation of posters

FRIDAY 15

09,00 - 09,30 h. Taphonomy and Palaeoecology of the South American Giant Mammals
Richard A. Fariña
Universidad de la República de Montevideo, Uruguay

09,30 - 10,30 h. Presentation of posters

10,30 - 11,00 h. Coffee break

11,00 - 12,00 h. Plenary lecture:
Ecological Fidelity of Abundance Data from Time-averaged Fossil Assemblages:
Good News from the Dead
Susan M. Kidwell
University of Chicago, United States

12,00 - 13,00 h. Round Table:

Taphonomy and Archaeology
Anna Kay Behrensmeyer / David Kay Ferguson / Julia Lee-Thorp / Richard A. Fariña

13,00 - 16,00 h. Lunch

16,00 - 17,00 h. Plenary lecture:
Cyclic and Secular Trends in Preservation through Geologic Time: Implications for the Evolution of Biogeochemical Cycles
Ronald E. Martin
University of Delaware, United States

17,00 - 17,30 h. Coffee break

17,30 - 18,30 h. Presentation of posters

18,30 - 19,00 h. Plant Taphonomic Processes and the Fossil Record
David Kay Ferguson
Palaeontological Institute University of Vienna, Austria

SATURDAY 16

10,00 - 11,00 h. Round Table:
Taphonomy and Evolutionary Rates
Adolph Sellacher / Susan M. Kidwell / Nicholas J. Butterfield / Ronald E. Martin

11,00 - 11,30 h. Coffee break

11,30 - 12,00 h. The Stratigraphy of Skeletal Concentrations: Testing for Broad-scale Trends
Susan M. Kidwell
University of Chicago, United States

12,30 - 13,30 h. Closing lecture:
Bones through Time: The Importance of Biotic versus Abiotic Taphonomic Processes in the Vertebrate Fossil Record
Anna Kay Behrensmeyer
Smithsonian Institution of Washington, United States

13,30 - 16,30 h. Lunch

16,30 - 18,00 h. Free time

18,00 - 19,00 h. Guided tour to the Museu de Ciències Naturals de l'Ajuntament de València