

# PALYNOS

Volume 31, n°1 - June 2008

NEWSLETTER OF THE INTERNATIONAL FEDERATION OF PALYNOLOGICAL SOCIETIES

## XII IPC & VIII IOPC 2008

**XII<sup>th</sup> International Palynological Congress  
(IPC-XII 2008)**

**VIII<sup>th</sup> International Organisation of  
Palaeobotany Conference (IOPC-VIII 2008)**

**Joint Congress, Bonn, Germany**

**30 August - 6 September 2008**



The 12th International Palynological Congress (IPC-XII 2008) and the 8th International Organisation of Palaeobotany Conference (IOPC-VIII 2008) are nearly upon us. This joint congress will be held in Bonn, Germany, from 30<sup>th</sup> August to 6<sup>th</sup> September 2008, to be hosted by the German palaeobotanists and palynologists under the auspices of the *Arbeitskreis für Palaeobotanik und Palynologie*.

This promises to be an historical event, as both professional associations will not only be meeting in the same city, but at the same time and at the same place. To further interaction and integration between palaeobotanists and palynologists, joint symposia and sessions have been organized, as well as plenary lectures of interest to both fields. Details of symposia and a timetable of presentations and events will be available on the conference website later in July.

### Venue

The congress sessions will be held in the Main Building of the University of Bonn, an attractive 17th century baroque palace located in the centre of town, near the Old City Hall, a mere 5-minute walk from Bonn's main railway station. This historical building has a large auditorium, as well as a number of larger, medium-sized and smaller lecture/meeting rooms, which are all situated around a central courtyard, forming an ideal setting for the meeting.



*The congress venue at the University of Bonn's Main Building*

## General Program

The opening ceremony will be held on the afternoon of Saturday, August 30, and will be followed by two keynote presentations and the icebreaker party. On the Mid-Congress Break on Tuesday 2<sup>nd</sup> September several all-day field trips will be offered, including tours to the Neogene lignite deposits of the Lower Rhine Embayment, Tertiary and Quaternary volcanic and fossil deposits in the Eifel Mountains, the famous Messel quarry, and the Permian of the Saar-Nahe Basin. For those who prefer to take in the local culture during the Mid-Congress Break, there will be sightseeing tours in Cologne and Bonn. The Congress Dinner is scheduled for the evening of Wednesday 3<sup>rd</sup> September, and will take place on a Rhine cruiser on the beautiful Rhine River. This part of the Rhine Valley, with its steep vineyards, and many romantic castles and ruins, is a UNESCO World Heritage Site. The closing ceremony of the congress will be held on the afternoon of Friday 5<sup>th</sup> September.

## Symposia

A great diversity of palaeobotanical and palynological topics will be offered in over 50 symposium and poster sessions at the congress. Most symposia will feature a keynote speaker, and poster sessions will be held in a centrally located area. A daily series of plenary lectures on palaeobotany, palynology, and especially on interdisciplinary areas will be offered as well. A list of presentations and timetable of events will be available on the congress website later in July.

## Pre- and Post-conference Field Trips

The wealth of palaeontological localities in Germany offers a number of intriguing possibilities for pre- and post-conference field trips. The field trips will be of variable duration,

ranging from two days to over a week, and will include sites of both palaeobotanical and palynological interest whenever possible.

## Pre-conference field trips

- ***Classical Plant Palaeobiology Sites in Central Germany (25<sup>th</sup>-29<sup>th</sup> August 2008)***  
Leaders: Volker Wilde (Frankfurt) and Walter Riegel (Göttingen)

Highlights: Geiseltal Museum in Halle (middle Eocene), Upper Permian Kupferschiefer, Buntsandstein of Bernburg (*Pleuromeia*), and Lower Cretaceous of Quedlinburg (*Weichselia*, *Credneria*), Eocene of Helmstedt and Schöningen, and Wealden of NW Germany.

- ***The Quaternary of the Harz Mountains and NW Germany (26<sup>th</sup>-29<sup>th</sup> August 2008)***  
Leaders: Felix Bittmann (Wilhelmshaven), Hermann Behling (Göttingen)

Highlights: National Park in the Harz Mountains, journey to the Brocken summit by stream train, Rodenkirchen near Bremen (late Bronze Age), "Sager Meer" on the Pleistocene "Geest" near Oldenburg, Bentumersiel excavation at the German/Dutch border [Iron Age (Latène), Roman Period].

- ***Interglacial Travertine Floras in Thuringia (26<sup>th</sup>-29<sup>th</sup> August 2008)***  
Leader: Martina Stebich (Weimar)

Highlights: Pleistocene travertine deposits at Bilzingsleben, Burgtonna, and in the Ilm Valley Graben (Ehringsdorf, Taubach, Weimar, Oberweimar), Senckenberg Research Station in Weimar.

- ***The Lower Devonian of the Rhenish Shield (28<sup>th</sup>-29<sup>th</sup> August 2008)***  
Leaders: Stephan Schultka (Berlin) and Rainer Brocke (Frankfurt)

Highlights: Waxweiler Quarry, Devonian museum, several other classical Devonian localities and sections

- ***The Late Carboniferous and Early Permian Rotliegend in Saxony and Thuringia (25<sup>th</sup>-29<sup>th</sup> August 2008)***

Leaders: Ronny Rössler (Chemnitz) Jörg Schneider (Freiberg), Ralf Kretzschmar (Chemnitz), Ralf Werneburg (Schleusingen), Manfred Barthel (Berlin)

Highlights: Petrified Forest of Chemnitz (*Medullosa*, *Psaronius*), *Madensteine* of Döhlen Basin, Chemnitz area (*Scolecoperis*), Manebach locality, various museums and collections (Gutbier, Cotta, Sterzel).

### Post-conference field trips

- ***The Carboniferous in NW Germany (6<sup>th</sup>-10<sup>th</sup> September 2008)***

Leaders: Hans Kerp and Benjamin Bomfleur (Münster)

Highlights: Lower and Upper Carboniferous localities in Ruhr District and near Osnabrück and Ibbenbüren, German Mining Museum in Bochum, collecting in open cast quarry near Osnabrück (Bolsvian-Westphalian D) and at an active mine in Ibbenbüren (Westphalian D), visit to underground mine or mining museum in Ibbenbüren.

- ***Paleogene and Neogene sites in East Germany (6<sup>th</sup>-11<sup>th</sup> September 2008)***

Leaders: Lutz Kunzmann, Harald Walther, Martina Dolezych, Carola Kunzmann (Dresden), Wilfrid Schneider (Hoyerswerda), Dieter Hans Mai (Berlin)

Highlights: Dresden, Paleogene of WeisseLster (Vereinigtes Schleenhain open cast mine), "Tertiary" forest of Cospuden, Neogene of Lausitz (Nochten and Welzow open cast mines), and the classical sites of Wiesa near Kamenz (lower Miocene) and Seiffhennersdorf (lower Oligocene).

- ***Classical Fossilagerstätten of Southern Germany, Switzerland, and Northern Italy (6<sup>th</sup>-15<sup>th</sup> September 2008)***

Leaders: Carole Gee and Martin Sander (Bonn)

Highlights: Holzmaden, Solnhofen, Dinosaur Museum in Aathal, Paleontological Museum of the University of Zurich, the Museums of Natural History in Lugano and Bergamo,

Jurassic dinosaur trackway at Lomiswil, Pleistocene Glacier Garden in Lucerne, UNESCO World Heritage Site of Monte San Giorgio in the southern Swiss Alps, Muschelkalkmuseum in Ingelfingen, various Triassic floras (*Voltzia* Sandstone, Keuper, Bletterbach, northern Italy), Eocene flora of Monte Bolca, *Sala delle Palme* (Palm Room) at the University of Padua, Miocene Molasse and Oehningen floras

### The City of Bonn

Bonn is a mid-sized university town (population: 315,000) with centuries of scholarly tradition, but it is also a dynamic city with an international outlook, owing to its pre-eminence and past history as the capital of Germany for 50 years. Thus, the infrastructure for hosting large conferences is excellent in Bonn. There are hotel accommodations in all price classes, including a youth hostel, as well as an extensive and very convenient public transportation system (subway, streetcars and buses).

The climate is very pleasant in Bonn. Temperatures at the end of the summer are typically between 18° and 25°C, although there is always some chance of showers. This year, the summer months were relatively cool (ca. 20°C) but very rainy, whereas the spring months were hot and dry.

The history of Bonn extends back well over 2000 years, when it was settled by the Romans. It has thus a long and rich cultural heritage, and Bonn is well known for its medieval, baroque, rococo, and Victorian architecture. The city of Bonn hosts a number of world-class art and history museums; several of these are national museums.

Sites of special interest include:

- the 11th century Bonn Cathedral (*Münster*)
- Beethoven's birthplace (*Beethoven-Haus*)
- the Art and Exhibition Hall of the Federal Republic of Germany
- the Museum of Modern Art (*Kunstmuseum Bonn*)
- the Museum of Contemporary German History (*Haus der Geschichte*)

- the Zoological Museum of the University of Bonn (*Museum Koenig*)
- the State Museum of the Rhineland (*Rheinisches LandesMuseum*)
- the Bonn Opera House
- the Poppelsdorf Summer Palace

Located on the banks of the Rhine River, Bonn is the gateway to the romantic and beautiful Middle Rhine Valley (a World Heritage Site) with its castles, vineyards, and dramatic landscapes. The nearby metropolis of Cologne, with its world-famous Cathedral and multitude of excellent museums is quickly and readily accessible by train or streetcar. Bonn also offers great opportunities for day trips for accompanying spouses and families.

### Getting to Bonn

Bonn is very easy to reach, by air or by rail. You can fly into the following airports:

- Frankfurt International Airport (ca. 1 hour by high speed train)
- Düsseldorf International Airport (ca. 40 minutes by train)
- Cologne-Bonn Airport. This is the closest airport to Bonn. It is served by many low-fare airlines from many parts of Europe. There is fast shuttle-bus service to the center of Bonn.

Bonn has excellent railway connections, as it is situated on a major north-south line and is located very close to Cologne, a major national and international rail hub.

### Further Information

More details on the scientific aspects of the conference, including symposium topics and technical details regarding presentations and online registration, is available on the internet at <http://www.paleontology.uni-bonn.de/congress08/index.htm>. Just follow the link to the congress website.

The main organizers of the joint congress are:

**Prof. Hans Kerp**  
(Chair, IOPC-VIII 2008)

Forschungsstelle für Paläobotanik  
am Geologisch-Paläontologischen Institut  
Westfälische Wilhelms-Universität Münster  
Hindenburgplatz 57  
48143 Münster, Germany  
E-mail: [kerp@uni-muenster.de](mailto:kerp@uni-muenster.de)

**Prof. Thomas Litt**  
President IFPS  
(Chair, IPC-XII 2008)

Institut für Paläontologie  
Universität Bonn  
Nussallee 8  
53115 Bonn, Germany  
E-mail: [t.litt@uni-bonn.de](mailto:t.litt@uni-bonn.de)

**Dr. Carole T. Gee**  
(Secretary, IOPC-VIII 2008 / IPC-XII 2008)

Institut für Paläontologie  
Universität Bonn  
Nussallee 8  
53115 Bonn, Germany  
E-mail: [cgee@uni-bonn.de](mailto:cgee@uni-bonn.de)

### List of symposia

No. / Conveners	Symposium title
1. Bamford/Poole	Plant systematics and biogeography: evidence from the fossil wood record
2. Barbacka/Popa	Triassic-Jurassic systematics and stratigraphy
3. Behling/Willis/Wing	Biodiversity patterns through time
4. Bek/Psenicka	Reproductive organs of fossil plants and their in situ spores and pollen
5. Bertini/Martinetto	Vegetation patterns in response to Plio-Pleistocene environmental change in the Mediterranean and Central Europe
6. Bradshaw/Gaillard	Upscaling Holocene pollen-inferred vegetation from single sites to regions and continents

7. Brocke/Fatka	Primary producers in Proterozoic to Paleozoic aquatic ecosystems: palaeobiology and palaeoecology of cyanobacteria, acritarchs, prasinophytes, and other organic-walled microfossils
8. Bruch/Li	Mio-Pliocene climate and vegetation patterns in Eastern and Western Eurasia
9. Chaloner/Kvacek/Denk	Problems in naming fossil plants and spores
10. Collinson/Smith/Kendrick	Methods and benefits of 3D reconstruction of fossil plants
11. Dillhoff/Manchester	Worldwide Early and Middle Eocene floras, the evolving picture
12. DiMichele/Johnson	Reconstructing the past: scientists and artists look at reconstructions of extinct landscapes
13. Feist-Burkhardt/Götz	Palynofacies analysis
14. Flenley/Cole/Allen	Theory and method in palynology
15. Friis/Pedersen/Crane	Angiosperm flowers, pollen and reproduction through time
16. Gaillard-Lemdahl/Hicks	Pollen calibration for high resolution quantitative landscape reconstructions
17. Gandolfo/Zamaloa/Cuneo	South American Tertiary palaeofloras
18. Gastaldo/Gee	Plant taphonomic processes: case studies in palaeobotany and palynology
19. Gee/Wappler	Plant-animal interactions in Deep Time: predation, protection, pollination
20. Gensel/Berry	Key events in the evolution of early plants using multiple sources of data
21. Green/Jaramillo	Have plants ever suffered a mass extinction?
22. Greenwood/Moss	Palaeobotanical evidence for Paleogene climates and environments
23. Grimm/Lézine	Late Quaternary pollen databases, vegetation modelling and climate reconstructions
24. Guignard/Wang	Fine structures of fossil plant cuticles:

	identification, palaeoenvironment, and evolution
25. Haas/van Geel/Galop	Non-pollen-palynomorphs: a key for disentangling climatic and anthropogenic pressure on Quaternary ecosystems
26. Haberle/Dupont/Kirleis	Tropical palaeoecology and global change: records from terrestrial and marine archives
27. Hably/Erdei	The Late Neogene Pannonian Lake: floristic and vegetation patterns in the context of palaeogeography and palaeoclimate
28. Hartkopf-Fröder/McLean	Palaeopalynology: applications in palaeoenvironmental analysis, sequence stratigraphy, and biostratigraphy
29. Hemsley/Moore	Ultrastructure and development of spore/pollen wall: achievements, current trends, and perspectives
30. Herzschuh/Tarasov	Holocene vegetation shifts in North and Central Asia: evidence, causes, and consequences
31. Hesse/Zetter	The potential influence of pollen morphological characters to systematics in (palaeo-)botany
32. Hu/Petit	Integrating palaeoecology and population genetics to decipher past vegetational dynamics
33. Jacomet/Bittmann	On-site microremain data from archeological sites and their potential for the reconstruction of human food ecology
34. Kerp/Litt	Contributed papers in palaeobotany and palynology
35. Krings/Taylor	Microbial diversity in ancient ecosystems
36. Kühl/Thompson	Quantitative reconstructions of Quaternary climatic variability from palaeobotanical data
37. Marshall/Vecoli	Palaeozoic

	palynostratigraphy: Lower Palaeozoic and Upper Palaeozoic
38. McLoughlin/Meyer-Berthaud	Past vegetation of Australasia
39. Mercuri/Sadori	Reconstruction of past cultural landscapes and human-related environmental changes using palynological and archeobotanical records
40. Miller/Steemans/Wellman	Palaeozoic palynology of the Arabian Plate and adjacent areas
41. Nagalingum/Mathews	Gathering the twigs and branches: reconstructing the gymnosperm tree of life
42. Nebout/Peyron	Mediterranean ecosystems and climate variability
43. Nixon/Crepet	Ages of major clades of vascular plants
44. Pfefferkorn/Wang	Late Palaeozoic plants as proxy for climate
45. Poole/Bamford	Reconstructing ancient communities and climates: problems and solutions using the fossil wood record
46. Pross/Brinkhuis	Progress in quantitative dinocyst analysis: case histories from the past 200 Ma
47. Rikkinen/Schmidt	New insights in the microscopic world of the Mesozoic and Cenozoic amber forests
48. Roth-Nebelsick/Speck	Biophysical approaches in palaeobotany
49. Sangiorgi/Marino/Donders	Palynological tools to unravel causes, mechanisms, and impacts of organic carbon burial
50. Schäbitz/Moreno	New results of Quaternary pollen studies in southern South America
51. Tzedakis/Hooghiemstra	40 years of long pollen sequences: advances and perspectives (dedicated to Lex Wilmstra)
52. Weng/Haberle	Pollen database, search system, and pollen identification
53. Wicander/Dorning	Palaeozoic oceanic and climate change: evidence from the palynologic record

54. Wang/Bittmann	Holocene vegetation history and human environmental interactions in delta and coastal areas
-------------------	---



## IFPS COUNCILLOR UPDATES

There are no updates to the “Current IFPS councillors” list. At XII IPC Bonn 2008 a new committee will be elected and many of the current councillors will be replaced. The December 2008 issue of PALYNOS will contain details of these changes.

## Current IFPS Councillors

The current list of IFPS councillors is provided below. IFPS secretary-treasurer (Jiri Bek) and *PALYNOS* editor (Charles Wellman) should be informed of any errors or necessary changes.

The list of current IFPS councillors also includes information on website addresses for the various societies. Please inform the editor of changes to web addresses and information on new websites.

Society	Acronym [website]	Councillor
American Association of Stratigraphic Palynologists	AASP [ <a href="http://www.palynology.org">http://www.palynology.org</a> ]	Owen Davies
American Association of Stratigraphic Palynologists	AASP [ <a href="http://www.palynology.org">http://www.palynology.org</a> ]	Jim Riding
Asociacion de Palinologos de Lengua Espanol	APLE [ <a href="http://aple.usal.es">http://aple.usal.es</a> ]	Maria Carmen Fernández
Association de Palynologistes de Langue Français	APLF	Marie-Pierre Ledru
Association de Palynologistes de Langue Français	APLF	Nathalie Combourieu-Nebout
Arbeitskreis für Palaeobotanik und Palynologie	APP [ <a href="http://www.uni-muenster.de/geopalaeontologie/palaeo/palbot/apptext.htm">http://www.uni-muenster.de/geopalaeontologie/palaeo/palbot/apptext.htm</a> ]	Rainer Brocke
Canadian Association of Palynologists	CAP [ <a href="http://www.scirpus.ca/cap/cap.shtml">http://www.scirpus.ca/cap/cap.shtml</a> ]	Jean Nicolas Haas
Commission Internationale de Microflore du Paleozoique	CIMP [ <a href="http://www.cimp.ulg.ac.be/">http://www.cimp.ulg.ac.be/</a> ]	Ken Higgs
Commission Internationale de Microflore du Paleozoique	CIMP [ <a href="http://www.cimp.ulg.ac.be/">http://www.cimp.ulg.ac.be/</a> ]	Thomas Servais
Collegium Palynologicum Scandinavicum	CPS [ <a href="http://palyno.net">http://palyno.net</a> ]	Dagfinn Moe
Gruppo di Palinologia della Societa Botanica Italiana	GPSBI	Laura Sadori
International Association for Aerobiology	IAA [ <a href="http://www.isao.bo.cnr.it/aerobio/iaa/index.html">http://www.isao.bo.cnr.it/aerobio/iaa/index.html</a> ]	Carmen Galán
Linnean Society Palynology Specialist Group	LSPSG	Guy Harrington
Organisation of Czech and Slovak Palynologists	OCSP	Olda Fatka
Palynologische Kring (Netherlands)	PK [ <a href="http://www.geo.vu.nl/~palkring">http://www.geo.vu.nl/~palkring</a> ]	Henry Hooghiemstra
Palynologists and Plant Micropalaeontologists of Belgium	PPMB	Philippe Steemans
Palynological Society of China	PSC	Huaicheng Zhu
Palynological Society of Japan	PSJ [ <a href="http://wwwsoc.nii.ac.jp/psj3/top.htm">http://wwwsoc.nii.ac.jp/psj3/top.htm</a> ]	Reiko Kishikawa
Palynological Society of Poland	PSP	Malgorzata Malkiewicz
Russian Palynological Commission	RPC	Olga Dzyuba
Russian Palynological Commission	RPC	Elena Bezrukova
The Micropalaeontological Society: Palynology section	TMS [ <a href="http://www.nhm.ac.uk/hosted_sites/tms/paly.htm">http://www.nhm.ac.uk/hosted_sites/tms/paly.htm</a> ]	Ian Harding
Turkish Committee for Palynology	TCP	Zutu Bati
International Union of Geological Societies	IUGS	Lucy Edwards
International Union of Biological Societies	IUBS	Jacques-Louis de Beaulieu
IFPS President – Thomas Litt		
IFPS Past President - Owen Davis		
IFPS Secretary-Treasurer - Jiri Bek		
IFPS Editor of PALYNOS – Charles Wellman		
<b>Societies on hold</b>		
Asociacion Latinoamericana de Paleobotanica y Palinologia	ALPP [ <a href="http://www.ufgrs.br/alpp">http://www.ufgrs.br/alpp</a> ]	
International Association for African Palynology	AIPA/IAAP	
Palynological and Palaeobotanical Association of Australia	PPAA	
Philippine Palynological Society	PPS	
Palaeobotanical Society, Lucknow	PSL	

## IFPS BUSINESS

### Council meetings

There will be two IFPS council meetings at the forthcoming IPC Bonn 2008. The first, at the start of the congress, will be the final meeting of the 2004-2008 council. The second, at the end of the congress, will be the first meeting of the 2008-2012 council.

### New President

At the recent elections Thomas Servais was elected to be the next IFPS president 2008-2012. Thomas's committee, along with many new councillors, will be confirmed at the first IFPS meeting of 2008-2012 councillors on the final day of IPC Bonn 2008.



Thomas Servais studied geology and mineralogy at the universities of Namur and Liège (Belgium) before getting his PhD on Ordovician acritarchs of Belgium and Germany at Liège university in 1993. After post-docs in Liège and Berlin Technical University, and a short stay at the British Geological Survey at Nottingham, England, he entered the French National Research Centre (CNRS) as research associate at the University of Lille 1, where he got his Habilitation in 2003.

Thomas is a member of several palynological societies, including AASP, APLF, APP, CIMP, PPMB, and TMS. He served from 1991 to 1998 as secretary of the Acritarch Subcommittee of the CIMP (Commission Internationale de Microflore du Paléozoïque), before becoming Secretary General and Newsletter Editor of the

CIMP from 1998 to 2002. Council Member for the CIMP in the IFPS since 2000, he was one of the IFPS vice-presidents for the period 2004-2008. Since 2004, he is also councillor of the French palynological association (Association de Palynologues de Langue Française, APLF), of which he is currently its president for the period 2006-2009.

Thomas Servais is titular member of the Ordovician Subcommittee of Stratigraphy and leader of the International Geoscience Programme 503 'Ordovician Palaeogeography and Palaeoclimate'.

### Accounts 2004-2008

The following account details were submitted by the outgoing secretary-treasurer Jiri Bek.

#### 2004-2005

The monies transferred from the IFPS UK accounts established by former secretary-treasurer Madeline Harley amounted to \$20035.81 US dollars.

Income consisted of dues (\$522.05) and bank interest (\$20.31). Gross income was \$542.36 US dollars. The only expenditure was the bank rate \$51.87.

The total sum at the end of 2004-2005 was \$20526.30 US dollars.

#### 2005-2006

Income consisted of dues (\$1722.26), money from the organizers of IPC 2004, Spain (\$4611.69) and bank interest (\$53.48). Gross income was \$6387.43. The only expenditure was the bank rate \$77.43.

The total sum at the end 2005-2006 was \$26836.30 US dollars.

#### 2006-2007

The bank account was moved because I had to "create" a new account (IFPS Ltd – non-profit-association) due to Czech laws and rules. The monies transferred from one to another account amounted to \$26836.79 US dollars (including bank interest and rate).



Income consisted of dues (\$2536.41) and bank interest (\$63.41). Gross income was \$2599.82. The only expenditure was the bank rate \$134.22.

The total sum at the end of 2006-2007 was \$29302.39 US dollars

### **2007-2008**

Income consisted of dues (\$225.00) and bank interest (\$63.58). The gross income was \$288.58). The only expenditure was the bank rate \$68.13.

The total sum at the end of 2007-2008 was \$29522.84 US dollars.

Jiri Bek  
IFPS Secretary-Treasurer 2004-2008

## **FUTURE MEETINGS**

### **“4<sup>th</sup> ESA-European Symposium on Aerobiology”**

**Turku, Finland**

**12-16 August 2008**

This organizing committee has the pleasure of welcoming you to the 4<sup>th</sup> ESA. The meeting will provide an update on various aspects of aerobiology. The topics of the meeting include forensic palynology, satellite imaging, meteorology and long-distance monitoring, and recent developments in modelling and methodology. Following the tradition of IAA, the meeting will provide an opportunity for young scientists to meet with experts in the field and present their own work as oral presentations and as posters. We hope that the outstanding scientific programme together with the social events in the summer nights in Turku will create an unforgettable atmosphere for informal and stimulating scientific discussions.



More details are available from the website:  
<<http://www.utu.fi/4ESA2008>>.

Abstract deadline: 15<sup>th</sup> March 2008.

Early registration deadline: 31<sup>st</sup> May 2008.

Contact:

*Mervi Oikonen (symposium coordinator)*

Address: 4<sup>th</sup> ESA 2008, c/o Aerobiology Unit,  
Section of Ecology, Department of Biology, FI-  
20014 University of Turku, Finland

Tel: +358 2 333 6065

Fax: +358 2 333 5565

E-mail: [esa2008-info@utu.fi](mailto:esa2008-info@utu.fi)

### **“Linnean Society Palynology Specialist Group (LSPSG) annual meeting”**

**Linnean Society of London, London, UK**

**28 October 2008**

The annual one-day meeting of the Linnean Society Palynology Specialist Group (LSPSG) of the Linnean Society of London will take place in the Linnean Society of London (Burlington House, Piccadilly, London W1J 0BF) on Tuesday 28<sup>th</sup> October 2008 (<http://www.linnean.org/>). The

meeting is entitled “Integrating evolution and development of pollen and spores: new perspectives”.

The meeting will be followed on the next day (Wednesday 29<sup>th</sup> October) by the one-day annual meeting of the Linnean Society Palaeobotany Specialist Group.

Registration for both is free.

For further details please contact Carol Furness, Micromorphology Section, Jodrell Laboratory, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3DS, UK (c.furness@kew.org).

## “XVI International A.P.L.E. Symposium of Palynology”

**Mallorca (Balearic Islands), Spain**

**22-25 September 2008**

The XVI Symposium of the Asociación de Palinólogos de Lengua Española (A.P.L.E.) will take place from 22-25 September 2008 in the Department of Biology of the University of the Balearic Islands, Palma de Mallorca (Balearic Islands, Spain).



Three days of talks will be followed on the fourth day by an excursion to the National Park of Cabrera Island (if the weather is calm).

The university campus is located 7 km from the city and 15 km from the airport. There are no

hotels near the university but participants can use hotels in Palma city.



The contributions will comprise oral presentations (Microsoft Power-point, ten minutes) and posters (maximum measurements: 80 cm width X 120 cm height).

Scientific sessions are divided into:

*Palaeopalynology*

*Melissopalynology and floral phenology*

*Pollen and spore morphology*

*Aerobiology and pollinosis*

*Pollen Biology*

Because of new ways to study and use pollen, for example Forensic Palynology or Etnopalaeopalynology, it will be very interesting to include contributions in these areas.

**Registration closes on 25<sup>th</sup> July 2008.**

Further details at the following website:  
<[www.XVIaple.org](http://www.XVIaple.org)>.

## “The 42<sup>nd</sup> Annual AASP Meeting”

**Tennessee, USA**

**27-30 September 2009**

The 2009 AASP meeting will be held in the Tri-Cities area of east Tennessee at the Meadowview Resort and Conference Centre.

The meeting begins Sunday 27<sup>th</sup> September with all day registration and the evening ice breaker. The meeting ends Wednesday 30<sup>th</sup> September with the business meeting. This will be co-sponsored by east Tennessee State University and the ETSU General Shale Brick Natural History Museum and Visitor Center at the Gray Fossil Site. We are planning workshops prior to the start of the meeting on Saturday 26<sup>th</sup> September.

For further details please visit the AASP website.

## **“8<sup>th</sup> European Palaeobotanical and Palynological Conference (8<sup>th</sup> EPPC)”**

**Budapest, Hungary**

**2010**

The 8<sup>th</sup> EPPC will be held in Budapest, Hungary in 2010. It will be organized by the Hungarian Natural History Museum, the Hungarian Academy of Sciences, the Eötvös Lóránd University and the Hungarian Geological Society. Further details will appear nearer the time.

## **“CIMP General Meeting 2010”**

**Warsaw, Poland**

**2010**

The 2010 CIMP General Meeting will be held in Warsaw, Poland at the Institute of Geological Sciences of the Polish Academy of Sciences (with the co-operation of the other geological institutions). The meeting is planned for three-days of presentations (lectures and posters) and a two-day field trip to the Holy Cross Mountains to examine Palaeozoic deposits.

Organizing committee:-

Monika Masiak ([mmasiak@twarda.pan.pl](mailto:mmasiak@twarda.pan.pl))

Marzena Oliwkiewicz-Miklasinska  
([ndmiklas@cyf-kr.edu.pl](mailto:ndmiklas@cyf-kr.edu.pl))

Marzena Stampień-Salek  
([mstaempie@twarda.pan.pl](mailto:mstaempie@twarda.pan.pl))

## **MEETING REPORTS**

### **“Dino 8 – Eighth International Conference on Modern and Fossil Dinoflagellates”**

**Montréal, Québec, Canada**

**4-10 May 2008**



It is difficult for somebody of my generation to believe that it is now thirty years since the first conference on modern and fossil dinoflagellates. However, we were reminded of the fact by Karen Steidinger, who gave the opening talk, describing this historic meeting held in Colorado Springs, USA in 1978. It had arisen as a Geological Society of America Penrose Conference initiative to bring together phycologists and palynologists with interests in dinoflagellates. Karen together with Bill Evitt and Lew Stover were the first organisers. This initial meeting has now evolved into a series of conferences that epitomise the spirit of this co-operation, collaboration and communication between the two groups of scientists and endorses the aims of the very first.

This conference was organised by Anne de Vernal and André Rochon, aided by the organising committee and a fine body of student help, at the Université du Québec à Montréal in the excellent facilities of the Complexe des Sciences Pierre Dansereau. Some 110 participants came together in the city of Montréal to enjoy the newly arrived spring weather and the first class science that was on display.

The five days of presentations and poster sessions were followed by a two day excursion to Québec City to examine the deposits of the Champlain Sea and to enjoy a cruise on the St Lawrence Estuary. Each of the five days was organized to provide several talks before lunch before further presentations and posters after. A ‘happy hour’ at the end of the day provided a welcome opportunity to discuss the day’s events with friends and colleagues whilst they were still fresh in the mind.



***Taoufik Radi and Vera Pospelova***

A number of keynote speakers had been invited to address the meeting on various aspects of the science linked to the sessions identified below. They included Francesca Sangiorgi, Don Anderson, Esther Garcés, Gerard Versteegh, Sebastian Meier, Stijn De Schepper, Eric Monteil (presented by Edwige Masure), Øjvind Moestrup, Hae Jin Jeong, Barrie Dale, Philip C. Reid and Rex Harland.



***Francesca Sangiorgi with Barrie Dale***

The presentations and posters were organized around several sessions including:

1. Polar dinoflagellates
2. Harmful dinoflagellates and their blooms
3. Living dinoflagellates; life cycles, from theca to cyst and cyst to theca and morphological, molecular and phylogenetic approaches to dinoflagellate ecology and paleoecology
4. Biostratigraphy and paleoecology of fossil dinoflagellates
5. Dinoflagellates from continental water bodies
6. Heterotrophic and mixotrophic dinoflagellates: productivity, upwelling and eutrophication
7. Dinoflagellates as paleoecological-paleoceanographic proxies

In addition there were several workshop sessions including:

1. Quantitative treatments and paleoceanographical reconstructions from dinocyst assemblages
2. Treatment of sediment for the analysis of calcareous dinoflagellates
3. Taxonomy of Quaternary and Neogene dinoflagellate cysts
4. Dinocyst database for the web
5. The culture of dinoflagellates

On the evening of the 6<sup>th</sup> May André Rochon gave a public lecture entitled “Eaux Troubles” to those at the meeting and to other interested parties.

On a less serious note an excellent conference dinner took place on the evening of the 7<sup>th</sup> May at the Temple Maçonnique de Montréal. This was spoiled only by the torrential rain that greeted everybody as they tried to leave at the end of the evening.



***Taxonomy workshop***

Also during ‘happy hour’ on the 8<sup>th</sup> a musical Dinoconcert including some excellent guitar music from two post graduate students from ISMER-UQAR, Manuel Bringué and David Ledu, and a post graduate student from Ghent, Thomas Verleye, were enjoyed before your correspondent was reluctantly prevailed upon to sing and play some English folk songs.

The meeting was a huge success and underlined the value of bringing together phycologists and palynologists to make this series of meetings a ‘must’ for all dinoflagellate workers. The organizing committee did a wonderful job in providing such an amenable venue and making the conference run so smoothly; they deserve



every congratulation for a job well done. A new high standard has been set for all future meetings.



*Stijn De Schepper, Sophie Bonnet, Stephen Louwye and Edwige Masure*

On the last afternoon after all the scientific talks were over a short session had been organized to close the meeting. This included an invitation from Fabienne Marret to hold the next meeting, Dino 9, in Liverpool in three years time. During this final session two students were presented with prizes for the best presentations and two for the best posters. These were as follows:

Kenneth Mertens – *Lingulodinium machaerophorum* process length variations in the surface sediment: a salinity proxy?

Sandra Carla Craveiro – Pfiesteriaceae: a successful dinoflagellate group also in freshwater

for their presentations and the following for their posters:

Éric Potvin – Genetics and cyst-theca relationship of the arctic dinoflagellate cyst *Islandinium minutum*

Marion Kohn – Stable oxygen isotopes of the phytoplanktonic dinoflagellate species *Thoracosphaera heimii* to reconstruct sea-surface temperature of the last 45 ka years off NW Africa

Finally the organizing committee decided to honour a dinoflagellate research worker with the presentation of a Dino 8 Medal. It was, therefore, a total surprise that your correspondent became the first highly delighted and proud recipient.

Rex Harland (Department of Earth Sciences, University of Göteborg, Sweden and 50 Long Acre, Bingham, Nottingham, UK)

## **“The Micropalaeontological Society (TMS) palynology Group Annual Meeting”**

**Birmingham, UK**

**7 May 2008**

After skipping a year or two the annual meeting of The Micropalaeontological Association (TMS) Palynology Group was resurrected in 2008. many thanks to Guy Harrington who organised the meeting at the University of Birmingham, UK. A small but dedicated group of palynologists attended to listen to an interesting array of talks and re-aquaint themselves with old friends (at the meeting and afterwards during an excellent curry at a local balti house). The following talks were presented :-

Issam Al-Barram : Palynofacies and palynostratigraphy of the Late Carboniferous-Early Permian Al-Khlata Fm., Oman

John Marshall : High resolution palynostratigraphic dating of the latest Triassic fissure fill of Mendip

Amr Said Deaf : Palynostratigraphy, palynofacies analysis and depositional environments of clastic lower Cretaceous sediments from the northern Western Desert, Egypt



*Delegates posing outside the University of Birmingham*

Khaled Gaddah : Palynology of the Cretaceous deposits of the southeast Sirte Basin, Libya

Ian Harding : The Palaeocene-Eocene Thermal Maximum in high northern latitudes : the record from Spitsbergen and the Worldwide Universities Network palaeo-Arctic Climate & Environments (WUN pACE) project

Guy Harrington : Arctic vegetation in the Early Eocene : relationships and characteristics

Pondicherry-605 001, India (library @ifpindia.org). Price 11 Euros (Rs 300).

## **Pollen terminology: an illustrated handbook by M. Hesse, H. Halbritter, R. Zetter, M. Weber, R. Buchner, A. Frosch-Radivo & S. Ulrich 2008**

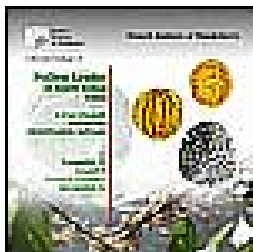
This handbook is a fully illustrated compendium of glossary terms and basic principles in palynology. It is an indispensable tool for all palynologists.

The general chapter on pollen morphology, anatomy, pollen development etc. deals with essential characters in palynology. If appropriate, ambiguous or poorly recognized characters are commented on, based on present knowledge in palynology.

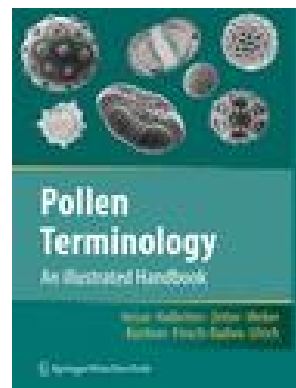
## **NEW BOOKS**

### **Pollen grains of South Indian trees V.1.0: a user-friendly multimedia identification software by G. Vasanthi, P. Grard & G. Jayapalan (eds) 2007**

This electronic pollen flora including digital and scanning electron micrographs and descriptions distinguishes itself by the graphic identification system of pollen without the plethora of terms; it enables many levels of users (in South India as well as in the tropics, subtropics and sub-temperate regions in India, Asia and other continents) to learn palynology by the click of a mouse. The descriptive part furnishes palynological terms linked to the illustrated definitions and the bibliographic link for quick reference. Pollen Typification and taxonomical, ecological and distributional notes are also given.



“Pollen grains of South Indian trees : A user-friendly multimedia identification software” was published in 2007 (as a CD-ROM) by French Institute of Pondicherry, Library P. B. 33,



The terminology part comprises more than 300 widely used terms illustrated with over 1000 high quality light and/or electron microscope pictures. This part provides a detailed survey of the manifold ornamentation and structure of pollen walls, and gives an insight into their stunning aesthetic beauty. Terms are grouped by character context to allow an easier and faster comparison of similar features. In general, each term is illustrated on a separate page, including definition, plant species, and, where necessary, a comprehensive explanatory comment. The use of the terms in LM, SEM or TEM and their assignment to anatomical, morphological and/or functional pollen features is indicated by icons and colour coding respectively.



The Textual Glossary is arranged alphabetically for a quick search on terms. Important literature is mentioned and, where appropriate, cross references to the General Chapter are included for better comprehension.

“Pollen terminology: an illustrated handbook” will be published in August 2008 by Springer. ISBN 978-3-211-79893-5.

## ANNOUNCEMENTS

### Palynology books

Details of new books on palynological subjects published in China are available at the following website: <<http://www.hceis.com>>.

**PALYNOS** (ISSN 0256-1670) is published bi-annually (June and December) and is distributed electronically to all IFPS Councillors for local distribution to individual members of their **International Federation of Palynological Societies (IFPS)** affiliate society. The newsletter is also posted on the IFPS website (see below).

We welcome news items, reports on society activities, reviews etc. and members should forward these to the Editor:

**Charles Wellman**  
*c.wellman@sheffield.ac.uk*

Please don't forget to visit our IFPS web site at:

**<http://geo.arizona.edu/palynology/ifps.html>**