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NEWSLETTER OF THE INTERNATIONAL FEDERATION OF PALYNOLOGICAL SOCIETIES



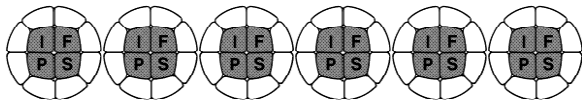
The officers and councillors of the International Federation of Palynological Societies wishes all the best, many palynological successes, and good health for 2009 to all of you!

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IFPS BUSINESS

At the XII IPC in Bonn, Germany, 2008, a new IFPS committee (officers & councillors) (see photo on page 1, posted at http://www.geo.arizona.edu/palynology/ifpsc_ncl.html) was elected for 2008-2012, representing 21 affiliated societies. Apart from the officers Thomas Servais (president), Charles Wellman (secretary-treasurer), Jean Nicolas Haas (PALYNOS newsletter editor), Thomas Litt (past-president) and Owen Davis (webmaster), three IFPS-Vice-presidents were elected at the end of 2008: Paulo Alves de Souza, James Riding and Shinya Sugita.

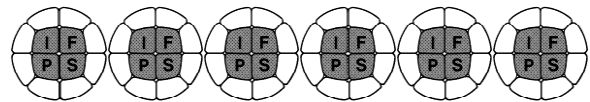


NEW IFPS AFFILIATED SOCIETY

ARBEITSKREIS FÜR VEGETATIONS- GESCHICHTE DER REINHOLD- TÜXEN-GESELLSCHAFT (AVRTG)

The “Arbeitskreis für Vegetationsgeschichte (AVRTG)” is one of the five study-groups within the Reinhold-Tüxen-Gesellschaft, Germany (<http://www.reinhold-tuexen-gesellschaft.de/>), a scientific society for vegetation science named after Reinhold Tüxen the founder of phytosociology in Germany. This non-profit organisation presided by Richard Pott is based at the

Institut für Geobotanik of Hannover University. The AVRTG itself was founded in Munich in 1991. Since then the AVRTG is organising annual meetings to enhance the knowledge on palynology and vegetation history and to promote interactions between palynologists in Central Europe. For more than one and a half decade Hans-Jürgen Beug, Göttingen University, conducted the study-group with about 30 palynologists from Germany, Switzerland and Austria. In 2007 he handed over the chairmanship to Felix Bittmann (Niedersächsisches Institut für historische Küstenforschung, Wilhelmshaven). A warm welcome to our new IFPS affiliated members!



IFPS COUNCILLOR UPDATES

(In alphabetical order)

NATHALIE COMBOURIEU- NEBOUT

(Association des Palynologues de
Langue Française)



Nathalie Combourieu Nebout is a scientist at the CNRS (Laboratoire des Sciences du Climat et de l'Environnement) in France.

Nathalie awarded her thesis in 1987 at the University of Montpellier (France) and entered the CNRS in 1988 as researcher. She is the vice president of APLF since 2001. Her scientific research interests include the palynology in marine sediments from Pliocene to recent times. Special interests go to the reconstruction of vegetation changes during the last 5 Ma and their relation with climatic variations by the way of studying pollen assemblages in marine sediments (cores and outcrops) collected in the temperate zones of the Northern Hemisphere. Nathalie is thereby particularly interested in rapid climatic events that occurred during the last climatic cycle and their consequences on the Mediterranean vegetation.

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JIŘINA DAŠKOVÁ (Organisation of Czech and Slovak Palynologists)



Jiřina Dašková graduated in palaeobotany (1994-2000) at Charles University in Prague, Czech Republic, and got her Ph.D. at the Institute of Geology and Paleontology of the Faculty of Science in 2008 on 'Spores and pollen *in situ*'. Since 2002 she is employed at the Laboratory of Palaeobiology and Palaeoecology of the Academy of Sciences of the Czech Republic in Prague. She was conference co-organizer of the International

EPPC in 2006 and of the COMP in 2006. Her special interests and study fields comprise Palaeobotany and Palynology of the Cenozoic (especially of the brown coal basins of the Czech Republic) and Systematic Studies (e.g. Cretaceous findings of Matoniaceae and Schizeaceae). Email: Daskova@gli.cas.cz

EWA DURSKA (Palynological Society of Poland)



Ewa Durska studied geology at the University of Warsaw, where she obtained a master degree in 2001, and gained a doctorate in palaeobotany in 2006. She is working at the Institute of Geology of the Faculty of Geology at the University of Warsaw, where she is also teaching palaeobotany and invertebrate palaeontology. Her specialization is Neogene (Miocene) biostratigraphy (based on pollen and spores – my doctoral thesis concerned an application of a Middle Miocene sporomorphs assemblage to reconstruct climate and sedimentation environment). Her research interests include vegetation history of the Paleogene and Neogene, as well as palaeoenvironmental and palaeoclimatic reconstructions. She is also interested in the application of pollen stratigraphy to resolve regional correlation problems (Neogene land deposits in the Polish Lowlands). ewadurska@uw.edu.pl

HENRY HOOGHIEMSTRA (Palynologische Kring)

Professor Henry Hooghiemstra (1948) was trained a botanist and palynologist at Amsterdam University, The Netherlands. He is affiliated to the University of Amsterdam,

Faculty of Science, Institute for Biodiversity and Ecosystem Dynamics (IBED). He is head of the Research Group 'Paleoecology and Landscape Ecology' and participates in the Research School 'Centre for Geo-ecological Research' (ICG).



Henry obtained his PhD degree in 1984 at the University of Amsterdam, focussing on a reconstruction of vegetation, flora and climate of Colombia of the last 1.5 million years. This information came from pollen analysis of a 357-m long sediment core. In later projects he collected a 586-m core of the Bogotá Basin showing three million years, and 60-m cores from the Fúquene Basin. These records show with unprecedented temporal resolution the dynamic relationship between the biotic and abiotic parts of terrestrial ecosystems. The nature, phase, and rates of change on time scales of glacial-interglacial cycles, interstadial cycles (DO-cycles) have his interests. The study of sub-millennial change during the Holocene offer possibilities to place Global Change studies in a palaeo-ecological context. Driving mechanisms of change are explored. Henry studied the dynamic history of rainforest, savanna, dry forest, montane forest, and tropical alpine vegetations (páramo). His study areas are located in Colombia, Ecuador, Guatemala, Costa Rica, Mexico, Tanzania, and also in the western Saharan area and western equatorial Africa. Relationships between biodiversity

hotspots and paleo-ecological history are explored. He published studies of Pliocene-Pleistocene climate change, the long-term dynamic history of tropical ecosystems, biodiversity in relation to climate change, and multi-site synthesis studies of environmental change in the neotropics. Human impact on natural vegetation and impact of climate change on civilizations, and Global Change studies have his interest. In 1991 he was appointed as professor in Palynology and Quaternary Ecology at the University of Amsterdam. He is teaching in various courses, such as Paleoecology, Tropical Ecology, Geo-ecology, and Paleoecology and Climate change. Most of his research is positioned within projects of PhD-students and post-doctoral researchers, often as a contribution to international research programmes, such as Climate Variability (CLIVAR), Pole-Equator-Pole Transect through the Americas (PEP-1), the International BIOME 6000 Project, and the QUEST-DISIRE Project. Henry is a member of the editorial board of three peer-reviewed journals (Journal of Quaternary Science, Terra Nova, Review of Palaeobotany and Palynology). He published over 90 papers in international journals. He is a Fellow of the Royal Netherlands Academy of Sciences and Arts (KNAW), section Earth Sciences. He served in several Selection Panels of the Netherlands Science Foundation (NWO), the Netherlands Foundation for Tropical Research (WOTRO), and the KNAW. In addition, he was Member of the Board of the Netherlands Foundation for Tropical Research (WOTRO).
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VALENTINA MANTSUROVA (Russian Palynological Commission)

Dr. Valentina Mantsurova graduated at the Paleontology sub-faculty of the Geologic Dept. in the Moscow State University in 1974. She stayed on the sub-faculty for the postgraduate study, and successfully finished her PhD thesis in 1979. Since then Valentina works at the Volgograd Scientific Research

Institute of Petroleum Industry (Volgograd-NIPIneft), which now refers to LUKOIL-VolgogradNIPImorneft, where she works as the leading scientist since 1997.



Her scientific interests are the palynological zonation and stratigraphic correlation of the Devonian deposits in the Russian platform. At present she is one of the foremost scientists by Devonian palynostratigraphy in Russia. She is author of about 90 research papers, and is particularly interested in problems involved with the determination of the Frasnian-Famennian boundary. She has proven the Famennian age of the new Volgograd horizon and its introduction in the Stratigraphic Scale of the Russian Platform. Later she studied the palynostratigraphy of the Lower Carboniferous and Lower Permian. She is a permanent conferee of All-Union and All-Russian Palynological Conferences since 1980. Apart from palynological conferences in Russia, Valentina twice visited China (Xth IPC in Nanjing 2000 and IInd International Palaeontological Congress in Beijing 2006), as well as the XIth IPC in Spain in 2004. She participated at VIth and VIIth EPP Conferences (Athens 2002 and Prague 2006). In 2008 she also attended the XIIth IPC in Germany. She has been elected as the full Member of the Bureau of the Russian Palynological Commission in 2002, and is a full Member of the Moscow Society of Naturalists and of the Palaeontological Society of the Russian Academy of Sciences.
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ANNA MARIA MERCURI **(Gruppo di Palinologia della Società Botanica Italiana)**



Anna Maria Mercuri graduated in 1985 with a thesis on melissopalynology, and is a biologist, researcher and teacher in Botany and Archaeobotany at the Univ. of Modena and Reggio Emilia, Italy. She is the current Secretary of the working group of Palaeobotany of the Società Botanica Italiana. She cooperated to the development of the Laboratory of Palynology & Palaeobotany of Modena, established 1982-1983 by Prof. D. Bertolani Marchetti, and developed research in both actuo- and palaeopalynological fields, with the idea that palynology is a multifaced science which extends from basic research to various applications. Anna Maria participated in a number of EU and national research projects on palaeoclimate and archaeobotany. Her research interests involve Quaternary palynology and palaeoenvironmental reconstructions. At present, she is Coordinator of the PaCE Project - EU Culture Programme (<http://www.plants-culture.unimore.it>) 2007-2013 dealing with plants and culture studied by archaeo- and ethnobotanical approaches. She is also responsible for the archaeobotanical research at archaeological sites of the Tadrart Acacus ('Italian-Libyan Archaeological Mission for Prehistoric Research in the Acacus and Messak'; coord. by S. di Lernia, Univ. La Sapienza, Rome), and of Gobero-Niger ('Living by the last lakes in the Sahara-Sahel borderland', coord.

by P. Sereno, Univ. of Chicago, USA, and E. Garcea, Univ. of Cassino, Italy). *Email:* annamaria.mercuri@unimore.it

KLAUS OEGGL
**(Arbeitskreis für Vegetationsgeschichte
der Reinhold-Tüxen-Gesellschaft)**



Prof. Dr. Klaus Oeggel is an expert in palynology and archaeobotany and works at the Institute of Botany of the University of Innsbruck, Austria, Division of Palynology, Geobotany and Plant Systematics (<http://botany.uibk.ac.at/>). His research focuses on pollen morphology and ultra-structure, vegetation and climate history of Central Europe, in particular the development of the cultural landscape and the agrarian history in the Alps. He is involved in the studies on the Iceman “Ötzi”, the Neolithic glacier mummy discovered in the eternal ice of the Eastern Alps about twenty years ago. His analyses deal with the environment and lifestyle of the Neolithic mummy. Latest research is concerned with the social status of the Iceman and the Neolithic husbandry regime in the Alps. Besides this he is speaker of the specific research programme „HiMAT- The History of Mining Activities in the Tyrol and Adjacent Areas: Impact on Environment and Human Societies” (<http://www.uibk.ac.at/himat/>). This major research project analyses the structure and organisation of the mining areas and landscape of the Eastern Alps from the

Neolithic to Modern times in a interdisciplinary network of experts in archaeology, archaeobotany, archaeometallurgy, archaeozoology, dendrology, ethnology, geodesy, history, linguistics, mineralogy and palaeoecology. Besides the coordination of all project parts he is responsible for studies on the palaeoecology of mining and subsistence strategies in mining areas.

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PAULO ALVES DE SOUZA
**(Asociación Latinoamericana de
Paleobotánica y Palinología)**



Professor Paulo Alves de Souza was born January, 4th 1968 in Rio de Janeiro, Brazil. He obtained the B.Sc. degree (Geology) in 1991, the M.Sc. and the PhD in Paleontology and Biostratigraphy in 1996 and 2000, respectively, at the São Paulo University. Between 1992 and 2002 he worked for the Geological Institute of São Paulo State, where he studied Carboniferous and Permian palynomorphs from the Paraná Basin. Since 2002 he is a professor in the Federal University of Rio Grande do Sul, south most Brazil, Porto Alegre. In these last years, he worked as a visiting researcher at the University of Tübingen, Germany. Currently he is the President of the Paleobotany and Palynology Latinoamerican Association ALPP; 2005-2008), Vice-director of the Gondwana Research Center (CIGO), coordinator of the Palynology Laboratory of the Geosciences Institute (UFRGS), a member of the Brazilian

Society of Paleontology (SBP), Argentinean Paleontological Association, and AASP. He integrates the Geosciences Program of Post-Graduation at the UFRGS, supervising Master & PhD students, and offers disciplines (Paleobiogeography, Biostratigraphy and Paleocology, Palynology) to the Geology, Geography and Biology courses. The main areas of expertise are related to biostratigraphy, paleocology and taxonomy of Carboniferous and Permian Gondwana strata (palynology), but he works also with Mesozoic and Cenozoic materials.

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HIKARU TAKAHARA (Palynological Society of Japan)



Professor Hikaru Takahara is working at Kyoto Prefectural University as professor for Forest Science with a research focus on palaeoecology. Hikaru Takahara is especially interested in the vegetation history since the Last Glacial in eastern Asia including Siberia, Far East Russia and the Japanese Islands. Palynological studies of long cores including the Glacial/Interglacial cycles (reaching to MIS 12) are also going on. On the other hand, he is working on human impacts on the vegetation landscape during the Holocene. In addition Hikaru Takahara will be the secretary general for the next IPC XIII/IOPC IX joint meeting in 2012, in Tokyo, Japan.

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MEETING REPORTS

2008 XIIth International Palynological Congress (IPC-XII) & VIIIth International Organisation of Palaeobotany Conference (IOPC- VIII), Joint Congress in Bonn, Germany, Aug. 30 – Sept. 6, 2008



The 12th International Palynological Congress (IPC) and the 8th International Organisation of Palaeobotany Conference (IOPC) was very successfully held in Bonn, Germany, from August 30 to September 6, 2008 and organized and hosted by our friends the German palaeobotanists and palynologists under the auspices of the *Arbeitskreis für Paläobotanik und Palynologie*. This joint conference was a historical event in all terms, especially also considering the huge number of participants (more than 800) from 51 countries worldwide and the huge number of excellent 536 oral presentations (in 48 symposia) and key-notes as well as 238 poster presentations. Even if no specific time was allocated for the poster presentations as usually at other IPCs, there was a good chance to find the presenters of the posters during the well equipped coffee breaks. In addition, a very diverse excursion programme allowed participants to share scientific sites

and insights all over Germany (and adjacent areas) before, during or after the Meeting. One of the memorable highlights on the social side was the opening ceremony and ice-breaker at the University of Bonn Botanical Garden (with exquisite local food), as well as the unforgettable mid-congress Dinner on a River Rhine cruise. All participants and especially lots of young palynologists and palaeobotanists which attended in unusual number (a good and encouraging sign for the field of palynology and palaeobotany in my view!) fully enjoyed this important congress as an invaluable occasion to meet their colleagues from all over the world. Given the perfect organisation orchestrated by Dr. Carole T. Gee, Prof. Thomas Litt and Prof. Hans Kerp, all participants will keep forever in their hearts Bonn and this productive conference, and, who knows, might also come back in order to cheer about the German (palynological and palaeobotanical) way of life!

Report by Jean Nicolas Haas, Austria

2008 3rd International Workshop on Non-Pollen-Palynomorphs, Padova, Italy, June 25-28, 2008

This 3rd International Workshop on NPPs was very successfully organised and hosted by Antonella Miola at the Dep. of Biology of the Univ. of Padova. More than 50 participants (mostly from Europe, but also some from Africa and N & S America) joined this workshop and clearly showed in 17 talks, 15 poster and 7 photo presentations the rising importance of NPPs (algal cysts, fungal spores, cyanobacteria, neorhabdocoela eggs etc.) in all kinds of palaeoecological studies dealing with a wide range of Quaternary sediments from wetlands to drylands, as well as sediments from archaeological sites. The welcome address and visit on the first workshop day at the impressive Hortus Patavinus Botanical Garden, the oldest botanical garden worldwide, will remain in all participants' thinking forever. One of the major successes of this workshop was certainly also a double-blinded NPP-exercise on an unknown

sediment sample from Italy done beforehand by most of the participants, and where the obtained results were discussed during the workshop, showing by the way in my personal view, inter alia, that NPP-analyses need thorough microscopy and long experience, as does palynology in general. During a one-day microscope session, one had a good chance to discuss all kinds of NPPs and to make contacts between the scientists present, even if the heat-wave joining the meeting simultaneously did sometimes hinder clear thinking on NPPs, but did more animate to think about cool drinks. After the end of the workshop, a memorable closing dinner in a typical restaurant of Padova and ending in a very nice chamber music concert of Antonella's children lead to the decision that the next 4th International Workshop on Quaternary Non-Pollen-Palynomorphs will take place at the University of Franche-Comté in Besançon, France, in June 2010. The last day of the workshop was then spend on a fabulous, well organised excursion to palynological and archaeological sites analysed for NPPs in the area by the productive Padova group and which lead us to get more than fascinated by the famous Euganean Hills. Lots of us thought what I also thought: We'll be back in the future! *Report by Jean Nicolas Haas, Austria*

2008 4th ESA-European Symposium on Aerobiology, Turku, Finland, August 12-16, 2008

The 4th ESA Symposium was organised by the Aerobiology Unit of the University of Turku, Finland. The idea of European meetings is to meet colleagues every fourth year and keep contact between the big international meetings of the IAA (International Association for Aerobiology). Aim is to bring together investigators with various scientific backgrounds, but who share an interest in aerobiology. We were happy to enjoy up-to-date keynote lectures and outstanding oral and poster presentations by delegates from 23 countries.



The keynote lecture topics were:

Effects of climate change to pollen and spores by S. Jäger, Austria,

Ecological and evolutionary consequences of gene flow by Anna Kuparinen, Finland,

Environmental and evolutionary implications of genetically modified plants by Irma Saloniemi, Finland,

Involving phenological networks and their information systems to monitor, predict and communicate start of flowering by Sara Mulder, The Netherlands,

House-dust mites and the indoor micro-climate by Frits Spijksma, The Netherlands,

The Finnish Allergy Programme 2008-2018 – Time to act and change the course by Erkka Valovirta, Finland,

Influence of environmental factors on pollen allergens by Heidrun Behrendt, Germany,

Recent methods to quantify phenological changes, flowering season and intensity by Carmen Galán, Spain,

Forensic palynology; pollen in the battle against crime by Jean Emberlin, UK,

Exposure assessment of environmental microbes by Anne Hyvärinen, Finland, and

Evaluation and forecasting of the atmospheric concentrations of anthropogenic pollutants and allergenic pollen by Jaakko Kukkonen, Finland.

There are still a few copies of the Abstract book of the 4th ESA symposium available at ahrantio@utu.fi.

The European aerobiology community worked until this year without a cover organisation, but during the Symposium, the EAS (European Aerobiology Society) was founded for this purpose and the first General Assembly meeting took place on board of a passenger liner on the Baltic Sea. The Society will support i.e. aerobiological education in Europe, all-European meetings and other cooperation between research groups and communities. It will be a valuable tool to find new co-workers and partners for research programs etc. We hope to have a large number of active members to make the society take on its job successfully. The next European Symposium will take place in Krakow, Poland in 2012. The 5th European Symposium on Aerobiology will be organised under the patronage of the Rector of Jagiellonian University. Contact person is Dorota Myszkowska, dmyszkow@cm-uj.krakow.pl

*Report by Auli Rantio-Lehtimäki,
Chairperson of the Organising Committee*



The participants of the 4th ESA-European Symposium on Aerobiology, Turku, Finland, August 12-16, 2008

2008 Linnean Society Palynology Specialist Group (LSPSG) Annual Meeting, Linnean Society of London, London, UK, 28 October 2008

The annual meeting of the Linnean Society Palynology Specialist Group was held at the Linnean Society on 28 October 2008. The theme of the meeting 'Integrating evolution

and development of pollen and spores: new perspectives' followed on from last year's highly successful meeting, and brought together researchers from both palaeo- and neo- palynology to share thoughts and ideas on common themes in pollen and spore evolution and development. The following eleven talks were presented:

Paula Rudall (RBG Kew): *Pollen structure and germination in an early-divergent angiosperm, Trithuria (Hydatellaceae-Nymphaeales)*.

Alexis Matamoro Vidal (Muséum national d'Histoire naturelle, Paris): *Is selection on microsporogenesis relaxed in species producing inaperturate pollen?*

Hugh Dickinson (University of Oxford): *Cytokinesis in pollen; conservation of an ancestral mechanism?*

Robert Grant-Downton (University of Oxford): *Small RNAs in the pollen of flowering plants*.

Maria Suárez-Cervera (University of Barcelona): *The relationship between tapetum cells and microspores based on pollen protein localization*.

Paul Strother (Boston College, Massachusetts): *Lower Palaeozoic cryptospore wall ultrastructure and the origin of multilaminar sporoderm*.

Jennifer Morris (University of Cardiff): *Elucidating the parent plants of Silurian cryptospores*.

Christa-Charlotte Hofmann (University of Vienna): *Extinct angiosperm pollen grains from the Upper Cretaceous (ca. 70 Ma) Vilui Basin, Siberia: Aquilapollenites, Manicorpus and Azonia*.

Sophie Nadot (Université Paris-Sud): *Diversity and evolution of microsporogenesis in monocots*.

Monika Bozek (Jagiellonian University, Krakow): *Floral structure and pollen morphology in Viola L. (Violaceae)*.

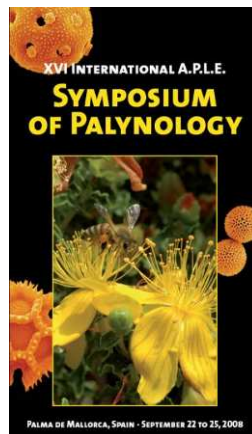
Carol Furness (RBG Kew): *Programmed cell death in microsporogenesis: comparative data on sedges and epacrids*.

Four posters were displayed in the Library of the Linnean Society: three presented by Hugh Dickinson (Oxford) on *Anther development, cytoskeletal development, and pollen germination in Brassicaceae*; and one by Lulu Rico (RBG Kew) on *Polyads in Acacia*. The meeting was very well attended and the excellent scientific presentations provoked much lively discussion. This continued during the wine reception held after the meeting in the Library of the Linnean Society. The next LSPSG meeting will be held on 29 October 2009 at the Linnean Society.

Report by Carol Furness, Royal Botanic Gardens, Kew

2008 XVI International A.P.L.E. Symposium of Palynology, Mallorca, Spain, Sept. 22-25, 2008

The XVI Symposium of the Spanish Palynological Society (APLE) was held from 22 to 25 September 2008 in the city of Palma de Mallorca. It was organised by Marzia Boi and Leonard Llorens of the University of Balearic Islands (UIB), and celebrated in the beautiful Gran Hotel La Caixa in the city of Palma de Mallorca.



More than 120 palynologists attended the meeting from a range of nations from Europe. Key-Notes were done by:

Carmen Galán Soldevilla (Universidad de Cordoba, Spain): *Las partículas biológicas en el aire: bioindicadores de la salud ambiental (The biological particles in the air: bio-indicator of environmental health)*.

Annick Le Thomas (Lab. de Biologie et de l'Évolution des Plantes vasculaires de l'École Pratique des Hautes Études, Paris, France): *Palynologie et Phylogénie des Angiospermes. Deux exemples: les Myristicaceae (Magnoliales) et le genre Aristeia (Iridaceae)*.

Santiago Riera Mora (Universidad de Barcelona, Spain): *De la Palinología arqueológica a la Arqueología polínica: hacia una lectura cultural*.

Anna Maria Mercuri (Università de Modena, Italy): *Palinología aplicada a la ciencia forense: principios, métodos y ejemplos (Palynology applied to Forensic Sciences: principles, methods and examples)*.

All these conferences were extraordinary. The scientific programme comprised three days of lecture and posters sessions. A total of 61 oral contributions and 34 poster contributions were made in the fields of: Aerobiology and pollinosis, Archaepalynology, Pollen biology, Melissopalynology and floral phenology, Pollen and spores morphology, Paleopalynology and Forensic palynology.

The participants were also able to take part in a scientific-pleasure excursion to the island Cabrera, Spain Natural Park. The general assembly of the Palynological Society was also held during the symposium and the Board of Directors was elected in the name of Delia Fernández González (Universidad de Leon, Spain). The meeting was without doubt a big success. It was agreed to hold the next XVII Symposium APLE in 2010 in the emblematic city of Ourense (Galicia, Spain). Our congratulations to all APLE members, the friends of the "cosmopolitan" pollen.

Report by Marzia Boi



The participants of the XVI International A.P.L.E. Symposium of Palynology, Mallorca, Spain, Sept. 22-25, 2008

FUTURE MEETINGS

2009 Geologic Problem Solving with Microfossils II Conference, Houston, Texas, USA, March 15-18, 2009

Conference at the University of Houston.
Conference Web Site:
<http://sepm.org/activities/researchconferences/microII/microIIhome.htm>

2009 CAP Annual General Meeting, Burnaby, British Columbia, Canada, May 3-8, 2009

The next Annual General Meeting of the Canadian Association of Palynologists will be held in conjunction with the **CANQUA-CGRG Biennial Meeting** at Simon Fraser University in Burnaby, BC, Canada. General Meeting informations are posted at <http://www.sfu.ca/earth-sciences/CANQUA/>

2009 Joint 21th APLF Meeting and 4th APF Congress, Lille, France, June 2-5, 2009

The 21th Meeting of the Association of French-speaking Palynologists (APLF) and the 4th congress of the French Association for Palaeontology (APF) will take place at the Catholic University of Lille (UCL), France, and will be organized by the UMR 8157 Geosystems of the French CNRS. More information is available at <http://w3.laplf.univ-tlse2.fr/> or can be obtained at apf.aplf2009@gmail.com.

2009 11th International Paleolimnology Symposium, Guadalajara, Jalisco, Mexico, June 23-26, 2009

The 11th International Paleolimnology Symposium will be held at Guadalajara, Mexico. See web-site for details at <http://www.geofisica.unam.mx/paleolimnologia/>

2009 CIMP – II Joint Meeting of Spores/Pollen and Acritarch Subcommissions, Faro, Portugal, September 20-24, 2009

This CIMP meeting will take place at the University of the Algarve and will be organized by Paulo Fernandes, Zélia Pereira, Tomás Oliveira, Geoff Clayton and Reed Wicander. See <http://cima.ualg.pt/eventos/invitation.pdf> for details.

2009 42nd Annual AASP Meeting, Tennessee, USA, Sept. 27-30, 2009

The 2009 AASP meeting will be held in the Tri-Cities area of east Tennessee at the Meadowview Convention Centre, Kingsport, co-sponsored by east Tennessee State University and the ETSU General Shale Brick Natural History Museum and Visitor Center at the Gray Fossil Site. For further details please visit the AASP website www.palynology.org.

2010 4th International Workshop on Quaternary Non-Pollen-Palynomorphs, Besançon, France, June 2010

The 4th International Workshop on NPPs will be held at the University of Franche-Comté, Besançon, France, and organised by Emilie Gauthier (Emilie.Gauthier@univ-fcomte.fr). Further information will be available in due times.

2010 8th European Palaeobotanical and Palynological Conference, Budapest, Hungary, July 6-10, 2010

The 8th EPPC will be held in Budapest, Hungary, and will be organized by the Hungarian Natural History Museum, the Hungarian Academy of Sciences, the Eötvös Lóránd University and the Hungarian Geological Society. See <http://www.palaeobotany.org> for further details.

2010 AASP-CAP-CPC Joint Meeting, Halifax, Nova Scotia, Canada, Sept. 29 – Oct. 1st, 2010

The joint meeting will take place at the Harbourview Holiday Inn and will be organized by Rob Fensome, Peta Mudie and Graham Williams. See www.palynology.org for further details.

2010 XVII International A.P.L.E. Symposium of Palynology, Ourense, Spain

The XVII APLE symposium will be held in Ourense (Galicia, Spain). Further information will be available in due times at <http://aple.usal.es>

2010 CIMP General Meeting, Warsaw, Poland

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), Marzena Oliwkiewicz-Miklasinska (ndmiklas@cyf-kr.edu.pl), Marzena Stampień-Salek (mstaempie@twarda.pan.pl).

2012 5th ESA-European Symposium on Aerobiology, Krakow, Poland

The 5th European Symposium on Aerobiology will be held in Krakow, Poland, in 2012, and will be organised under the patronage of the Rector of Jagiellonian University. Contact person is Dorota Myszkowska, dmyszkow@cm-uj.krakow.pl

2012 IPC XIII / IOPC IX Joint Meeting in Tokyo, Japan: Palynology and Palaeobotany in the Century of the Environment

The joint meeting of the 13th International Palynological Congress (IPC-XIII 2012) and the 9th International Organisation of Palaeobotany Conference (IOPC-IX 2012) will be held in Chuo University, Tokyo,

Japan. The Campus of Chuo University is located at central Tokyo where various transport, accommodation, and tourist services are provided. There is a variety of accommodation types, including well-equipped five-stars to medium class hotels, and Youth Hostels in Tokyo. Also, Tokyo is a well-known gourmet metropolis, providing various national and international foods to fulfil a variety of demands of visitors. The joint meeting of IPC and IOPC will be composed mainly of plenary sessions, poster sessions and oral sessions. Also, Symposia will be planned for special topics. Probable period of the joint meeting will be in August or September. Also, attractive field trips and social events are under consideration. More Details on the IPC XIII/IOPC IX joint meeting 2012 will be available in PALYNOS, and through the conference web site (<http://wwwsoc.nii.ac.jp/psj3/>) in due times. For details on tourism in Japan, see the web sites of JNTO (<http://www.jnto.go.jp/>) and TCVB (<http://www.tcvb.or.jp/>). Welcome to Japan! See you in Tokyo, 2012!

NEW BOOKS

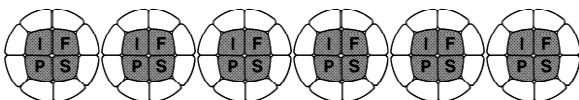
PALYNOLOGICAL TECHNIQUES, 2ND EDITION



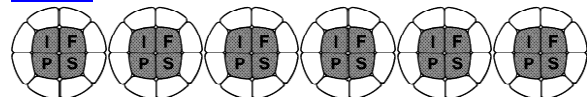
The venue location: Chuo University in Tokyo (Photo Chuo Univ.)



Sciadopitys verticillata, endemic to Japan (Photo Takeoka & Takeoka)



Written by Clair A. Brown, edited by James Riding & Sophie Warny (published by the American Association of Stratigraphic Palynologists Foundation). *"I think that the best thing is that the young palynologists clearly continue to value the work done by pioneers like Clair Brown, who first published his 'Palynological Techniques' in 1960 after canvassing workers in labs around the world in order to accurately pass on techniques for getting palynomorphs out of all types of media"* Francine McCarthy US\$ 15.00. To order: C.A. BROWN Palynological Techniques, SECOND EDITION. Edited by JAMES B. RIDING and SOPHIE WARNY." 146 pages 0.5 x 8.5 inches, laminated soft cover ISBN 978-0-931871-07-8, LCCN: 2008932132. 2008. (weight 0.75 lbs.) see web at: https://payment.palynology.org/index.php?main_page=product_info&cPath=73&products_id=322



ANNOUNCEMENTS

HOLOCENE STRATOTYPE

Please note that the “Formal definition and dating of the GSSP (Global Stratotype Section and Point) for the base of the Holocene using the Greenland NGRIP ice core, and selected auxiliary records” by Walker et al. 2009 will appear in the Journal of Quaternary Science (Volume 24(1) p. 3-17). This paper is the detailed version of the submission for defining the base of the Holocene as ratified by the International Union of Geological Sciences and may currently be found on line at <http://www3.interscience.wiley.com/journal/121427587/abstract>.

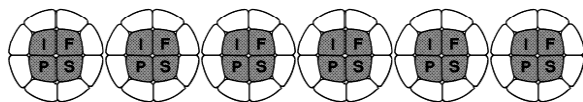
Chris Caseldine
Editor - Journal of Quaternary Science

ACTA PALAEOBOTANICA

Please note that *Acta Palaeobotanica* (http://ptb.ib-pan.krakow.pl/instytut/Wydaw/Acta_paleo/edit2.htm) publishing all kinds of palynological and palaeobotanical articles is now on the ISI Master Journal List. *Ewa Durska, PSP*

NEW DIRECTORY OF PALYNOLOGISTS

Please note that the fourth edition of this invaluable directory has been published as a pdf by Owen K. Davis in 2008. It is available by request (odavis@email.arizona.edu) or through your membership in an IFPS affiliated society, please ask your IFPS councillor for it.
Jean Nicolas Haas, editor of PALYNOS



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:

Jean Nicolas Haas
jean-nicolas.haas@uibk.ac.at

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

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

CURRENT IFPS COUNCILLORS

The current list of the IFPS officers and IFPS councillors is provided below. The new IFPS president (Thomas Servais), IFPS secretary-treasurer (Charles Wellman) and *PALYNOS* editor (Jean Nicolas Haas) should be informed of any errors or necessary changes (see email addresses below; postal addresses

of all officers and councillors: see http://www.geo.arizona.edu/palynology/ifpsc_ncl.html).

The list of current IFPS councillors also includes information on website addresses for the various societies. Please inform the editor of possible website changes.

IFPS Officers	Affiliation	Email
IFPS President – Thomas Servais	Univ. des Sciences & Technologies de Lille, France	thomas.servais@univ-lille1.fr
IFPS Past President – Thomas Litt	University of Bonn, Germany	t.litt@uni-bonn.de
IFPS Secretary-Treasurer – Charles Wellman	University of Sheffield, England	C.Wellman@sheffield.ac.uk
IFPS Editor of <i>PALYNOS</i> – Jean Nicolas Haas	University of Innsbruck, Austria	Jean-Nicolas.Haas@uibk.ac.at
IFPS Web-Master – Owen Davis	University of Arizona, USA	odavis@email.arizona.edu
IFPS affiliated Societies	Acronym & Website	Councillors
American Association of Stratigraphic Palynologists	AASP http://www.palynology.org	Owen Davis & James Riding (IFPS Vice-president)
Arbeitskreis für Paläobotanik und Palynologie	APP http://www.palaeontologische-gesellschaft.de/palges/app/	Rainer Brocke
Arbeitskreis für Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft	AVRTG http://www.reinhold-tuexen-gesellschaft.de/	Klaus Oeggel
Asociación de Palinólogos de Lengua Española	APLE http://aple.usal.es	Maria Carmen Fernández
Asociación Latinoamericana de Paleobotánica y Palinología	ALPP http://www.ufrgs.br/alpp	Paulo Alves de Souza (IFPS Vice-president)
Association de Palynologues de Langue Française	APLF http://w3.laplf.univ-tlse2.fr/	Nathalie Combourieu-Nebout
Canadian Association of Palynologists	CAP http://www.scirpus.ca/cap/cap.shtml	Jean Nicolas Haas
Collegium Palynologicum Scandinavicum	CPS http://palyno.net	Dagfinn Moe
Commission Internationale de Microflore du Paléozoïque	CIMP http://www.cimp.ulg.ac.be/	Zelia Pereira
Gruppo di Palinologia della Società Botanica Italiana	GPSBI http://www.societabotanicaitaliana.it/laygruppo.asp?IDSezione=22	Anna Maria Mercuri
International Association for Aerobiology	IAA http://www.isao.bo.cnr.it/aerobio/iaa/index.html	Bernard Clot
Linnean Society Palynology Specialist Group	LSPSG http://www.linnean.org/	Guy J. Harrington
Organisation of Czech and Slovak Palynologists	OCSP	Jiřina Dašková
Palynological Society of China	PSC http://www.nigpas.ac.cn/new/xuehui/02_english.htm	Huaicheng Zhu
Palynological Society of Japan	PSJ http://wwwsoc.nii.ac.jp/psj3/top.htm	Hikaru Takahara & Shinya Sugita (IFPS Vice-president)
Palynological Society of Poland	PSP	Ewa Durska
Palynologische Kring (Netherlands)	PK http://www.palynologischekring.nl	Henry Hooghiemstra
Palynologists and Plant Micropalaeontologists of Belgium	PPMB	Philippe Steemans
Russian Palynological Commission	RPC	Valentina N. Mantsurova
The Micropalaeontological Society Palynology Group	TMS http://www.nhm.ac.uk/hosted_sites/tms/society.htm	Ian Harding
Turkish Committee for Palynology	TCP	Zühtü Bati
International Union of Geological Societies	IUGS	Lucy Edwards
International Union of Biological Societies	IUBS	Jacques-Louis de Beaulieu
Societies on hold		
International Association for African Palynology	AIPA/IAAP	
Palynological and Palaeobotanical Association of Australia	PPAA	
Philippine Palynological Society	PPS	
Palaeobotanical Society, Lucknow (India)	PSL http://www.palaeobotanicalsociety.org/index.html	