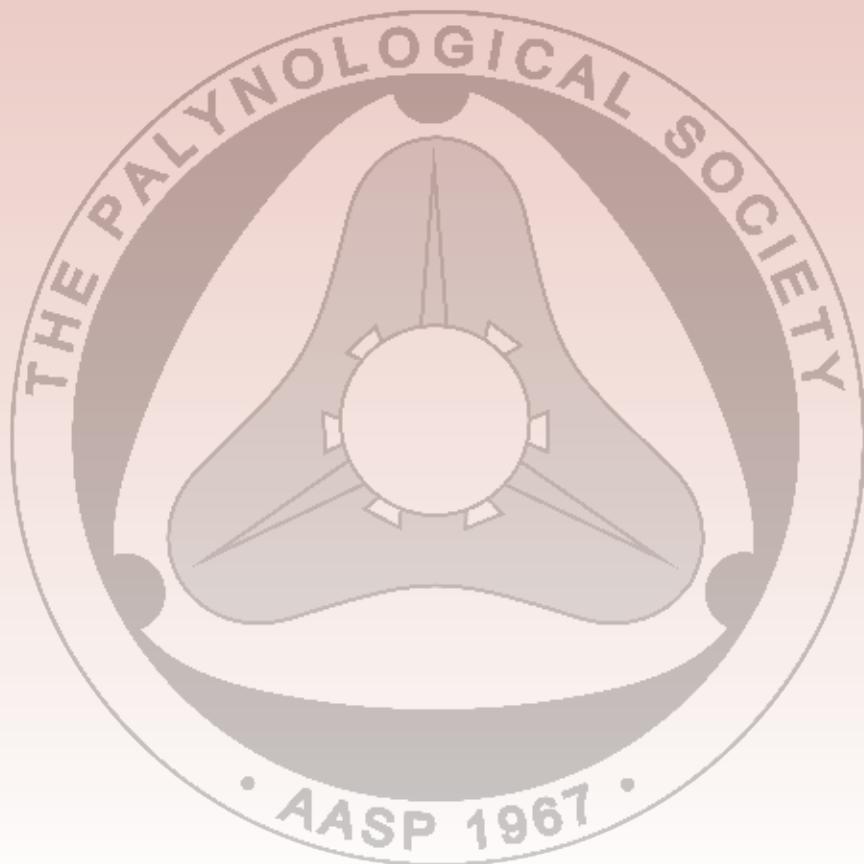


AASP- THE PALYNOLOGICAL SOCIETY



Polygala fruticosa
by David M. Jarzen



NEWSLETTER



June 2014
Volume 47, Number 2



AASP-TPS NEWSLETTER

Published Quarterly by AASP - The Palynological Society

June 2014 Volume 47, Number 2

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A.A.S.P.

The Palynological Society

The American Association of Stratigraphic Palynologists, Inc. - AASP-The Palynological Society - was established in 1967 by a group of 31 founding members to promote the science of palynology. Today AASP has a world-wide membership of about 500 and is run by an executive comprising an elected Board of Directors and subsidiary boards and committees. AASP welcomes new members.

The AASP Foundation publishes the journal *Palynology* (biannually), the *AASP Newsletter* (quarterly), and the *AASP Contributions Series* (mostly monographs, issued irregularly), as well as several books and miscellaneous items. AASP organises an Annual Meeting which usually includes a field trip, a business luncheon, social events, and technical sessions where research results are presented on all aspects of palynology.

AASP Scientific Medal recipients

Professor William R. Evitt (awarded 1982)
Professor William G. Chaloner (awarded 1984)
Dr. Lewis E. Stover (awarded 1988)
Dr. Graham Lee Williams (awarded 1996)
Dr. Hans Gocht (awarded 1996)
Professor Svein B. Manum (awarded 2002)
Professor Barrie Dale (awarded 2004)
Dr. David Wall (awarded 2004)
Dr. Robin Helby (awarded 2005)
Dr. Satish K. Srivastava (awarded 2006)
Professor Estella B. Leopold (awarded 2013)

AASP Honorary Members

Professor Dr. Alfred Eisenack (elected 1975)
Dr. William S. Hoffmeister (elected 1975)
Professor Leonard R. Wilson (elected 1975)
Professor Knut Faegri (elected 1977)
Professor Charles Downie (elected 1982)
Professor William R. Evitt (elected 1989)
Professor Lucy M. Cranwell (elected 1989)
Dr. Tamara F. Vozzhennikova (elected 1990)
Professor Aural T. Cross (elected 1991)
Dr. Robert T. Clarke (awarded 2002)
Professor Vaughn Bryant (awarded 2005)
Professor Alfred Traverse (awarded 2005)
Professor Bernard Owens (awarded 2011)
Dr. John E. Williams (awarded 2013)
Mr. Paul W. Nygreen (awarded 2013)

AASP Board of Directors Award recipient

Dr. Robert T. Clarke (awarded 1994)

Teaching medal recipients

Professor Aural T. Cross (awarded 1999)
Professor Alfred Traverse (awarded 2001)
Professor Bill Evitt (awarded 2006)
Professor Vaughn M. Bryant (awarded 2013)

AASP Distinguished Service Award recipients

Dr. Robert T. Clarke (awarded 1978)
Dr. Norman J. Norton (awarded 1978)
Dr. Jack D. Burgess (awarded 1982)
Dr. Richard W. Hedlund (awarded 1982)
Dr. John A. Clendening (awarded 1987)
Dr. Kenneth M. Piel (awarded 1990)
Dr. Gordon D. Wood (awarded 1993)
Dr. Jan Jansonius (awarded 1995)
Dr. D. Colin McGregor (awarded 1995)
Professor John H. Wrenn (awarded 1998)
Professor Vaughn M. Bryant (awarded 1999)
Dr. Donald W. Engelhardt (awarded 2000)
Dr. David T. Pocknall (awarded 2005)
Dr. David K. Goodman (awarded 2005)
Professor Owen K. Davis (awarded 2005)
Dr. Thomas Demchuk (awarded 2009)



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Sophie Warny, Editor

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POSITION OPEN - PLEASE SEND LETTER OF INTEREST TO SWARNY@LSU.EDU

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The AASP-TPS Newsletter is published four times annually. Members are encouraged to submit articles, "letters to the editor," technical notes, meetings reports, information about "members in the news," new websites and information about job openings. Every effort will be made to publish all information received from our membership. Contributions which include photographs should be submitted two weeks before the deadline.

Deadline for submission for the next issue of the newsletter is **August 15**. All information should be sent by email. If possible, please illustrate your contribution with art, line drawings, eye-catching logos, black & white photos, colour photos, etc. **We DO look forward to contributions from our membership.**

A message from our president Dr. Lanny Fisk



In my brief acceptance speech in San Francisco at the 46th Annual Meeting, I stated as one of my goals for the organization an increase in membership to at least 500 members. I asked for your help in reaching that goal and promised that I would not take any credit when we do reach that goal. At the mid-year meeting of the AASP Board held in Houston last month, we learned from the Secretary's Report that membership has been continuing to increase, BUT we have not yet reached that magical number of 500. We're close, but it is not yet time to celebrate. It is time to recruit. What have you been doing to help reach our goal? Have you told a colleague how invaluable AASP has been to your career development and encouraged them to join **The Palynological Society**? It is so incredibly simple, quick, and easy to go to palynology.org and become a member. If we all -- each one of us -- encourage just one palynologist to become a member...well, you can do the math. Reaching our goal of 500 members is really not much of a reach at all. We can do it!!

Another part of reaching that magical membership level of 500 involves keeping our current members. As of last month, there were more than 50 members who have not yet renewed their membership for 2014. I don't want to embarrass anyone, so I won't list any names. But, some of you who have not renewed have been members for longer than I have. Some of you are past presidents. Please renew your membership today. It is incredibly simple, quick, and easy on our website at palynology.org. And when you do renew your membership, why not also pay for the membership of a friend or associate who also calls them self a palynologist, yet is not currently a member of **The Palynological Society**.

Another of the goals I set for the organization in my Presidential address was **to do more to recognize the contributions to this organization from the "older crowd"** -- especially those who have supported the organization for more than 25 years. Some of these individuals have sweat blood for this organization and spent far too many long hours on AASP business, more hours than we want to admit because we are ashamed and feel guilty for asking them to give even more. These near superhuman efforts to keep the organization afloat during hard times or helping the organization grow when it was floundering, must be recognized. Anyone who has had their oar in the palynological waters for more than 25 years as an AASP member has contributed significantly to this organization's success. While we have smooth sailing, it's time to take them off their ration of hardtack and give them the recognition they deserve. Let them stand on the deck and feel the sun for a change. Wine and cheese for everyone of these hardworking blokes!

Many scientific societies honor their oldest and most esteemed members with titles such as Legacy, Heritage, or Senior Members. As a relatively young (<50 year-old) organization, AASP has not seen fit to recognize its older and wiser members in this way. At the mid-year Board meeting last month, I proposed that we do so. After struggling for the past year with such honorary titles such as Legacy Members, Heritage Members, Senior Members, or just Old Timers/

Old Geezers/Old Duffers, I finally decided to propose that we recognize **Vintage Members** -- vintage because they are aged to perfection like fine wine. Online dictionaries define the word vintage as "*a group of people that are similar or belong to the same period of time*" similar to a wine vintage that includes the grapes grown during the same growing season. I propose that AASP's Vintage Members are members of a group that belong to the same period of time -- specifically AASP's growing season. I propose that we define a Vintage Member as someone who has been a member of AASP for 25 years or more, not necessarily continuously.

Online dictionaries also state that a vintage group includes those "*representing what is best or most characteristic of something [a group]*" and I argue that AASP's Vintage Members do indeed represent what is best about AASP. They have stuck it out through thick and thin; they have paid regular, annual dues for 25 years or more to support this organization. The thesaurus (not a type of dinosaur) gives as synonyms for vintage: time, age, era, period, and epoch. Sounds like vintage certainly applies to stratigraphic paleopalynologists -- exactly the persons who were the primary force in creating AASP and, therefore, who compose most of our Vintage Members.

As an adjective the word vintage can also mean: classic, typical, traditional, essential, prime, pure, first-rate, first-class, and archetypical. All of these descriptive words also apply to AASP's Vintage Members. [Well, maybe not pure!] Of course, the word vintage can also be used to describe people that are old, dated, old-fashioned, outmoded, and antiquated. Perhaps some of these descriptions are equally applicable, but to only a few of our oldest members (names are withheld to protect the innocent).

How would Vintage Members be treated any different from regular members? First, they would receive a certificate stating that they are honored members. Second, their membership

fees would be frozen or revert back to the year that they became a Vintage Member, in other words retroactive recognition. No refunds would be given to those who have paid increased membership dues beyond their 25th year as members. Rather those "extra" dues would be applied to future annual dues. For some members who became Vintage Members retroactively back say ten (10) years ago, the "extra" membership fees they have paid since becoming a Vintage Member may pay forward their dues for several years to come.

What would Vintage Members receive besides the certificate and reduced membership fees for life? They could be recognized at business luncheons in the same way that AASP Past Presidents and sometimes students are recognized; they would simply be asked to stand and be recognized, acknowledged for their support of the organization, and applauded. Local organizing committees might also consider giving them a reduced registration fee at annual meetings, similar to how we provide reduced rates for students.

To accommodate Vintage Members, we would only need to make a few modifications to the AASP By Laws. These changes will be proposed at the out-going Board Meeting to be held at the 47th Annual Meeting in Mendoza, Argentina. If approved at that meeting, the proposed By Law changes would be published in a future newsletter and then put up to a vote of the membership. Your input on this proposal would be much appreciated.

Incidentally, the mid-year meeting last month in Houston, was very encouraging. The organization is healthy, rolling in the right direction, down the right path, and even gaining speed; as AASP-TPS President, my goal is simply to keep the ball rolling on course during the remainder of my tenure. Thus far, it has been a pleasant experience -- thanks to all those that do the hard work behind the scenes. Thank you all for the pleasure of serving as your President.

AN OVERVIEW OF AASP-TPS AWARDS

By Martin Farley, University of North Carolina at Pembroke



AASP has a number of awards that recognize accomplishments of palynologists. Here I deal only with awards not directly associated with society officers or students (omitting officer service and Board of Directors Award) or awards at the Annual Meeting.

The deadline is March 1 of each year for submission of nominations to the Awards Committee. The basic nomination procedure is similar for most awards (main letter of nomination accompanied by letters of support, these to include documentation of accomplishment). Details on the procedures for each award can be found at <http://www.palynology.org/content/awardproced.html>, while a complete list of the people who have received these awards in the past can be found on the second page of this newsletter.

Distinguished Service Award

This award recognizes individuals who have generously supported the society with their work and resources over a number of years and whose efforts have advanced the society. Typically, recipients have held society office, participated in committees, or dealt with publications or meetings. There have been 16 recipients of this award, most recently Thomas Demchuk in 2009.

Honorary Life Membership

This is actually the oldest AASP award with the first awards dating to 1975. This award is given either to people making fundamental contributions to the science of palynology or people who have given the AASP devoted service or both. Honorary Life Membership has been awarded to 15 individuals, most recently to John Williams and Paul Nygreen in 2013.

Medal for Excellence in Education

This medal recognizes leaders in palynological instruction. Nominees are expected to have considerable experience and accomplishment in all aspects of academic education involving palynology, including training of new scientists for the field. The medal has been awarded four times, most recently to Vaughn Bryant in 2013.

Medal for Scientific Excellence

The society's highest award for achievement in the science of palynology is the Medal for Scientific Excellence. The official description lists "fundamental contributions to the development of the science of palynology" as the main criterion. Recipients should have a substantial research history in the field. The medal has been awarded 11 times in the history of the society, most recently to Estella Leopold in 2013.

**Yearly
deadline:
March 1**

Palynology Managing Editor's Report

Palynology, Volume 38, Part 1 has just been published; my printed copy arrived today (14 May). It is, of course, available online (go to: <http://www.tandfonline.com/toc/tpal20/current>). The 13 papers in this issue are listed below. I hope you enjoy both the contents and the really nice black cover with an absolutely stunning SEM of a chitinozoan which was supplied by Merrell Miller. I would like to feature an angiosperm pollen grain for next year's cover, so if anyone has any good images, please get in contact. I have a number of typeset manuscripts for Volume 38, Part 2 (to be issued in December 2014). Six of these are also listed below; there are others but these are still being proof-checked as we speak.

Manuscript submission rates are generally good as I write; I truly hope that this situation continues. This is a great situation because we have now signed a new five-year contract with Taylor and Francis with a significantly increased page budget of 420 pages (over three parts) as of January 2015. This means that Volume 39, Part 1 (ca. 140 pages) will be published in April 2015. Please persuade your colleagues to send their high-quality papers to *Palynology*! The turnaround time now is very quick. Matthew Pound is helping me out with proofreading, which has sped things up markedly in recent months. If the manuscript is in good scientific shape and is written, presented and formatted well, it can be published online in around 2-3 months if all goes well!

I have increased the numbers of people on the editorial board and I will continue this in the coming months. I am not aware of any *Contributions Series* manuscripts going through the system at the moment.

James B. Riding, Managing Editor – AASP – The Palynological Society
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The contents of *Palynology* Volume 38, Part 1 (June 2014)

1. Ramírez-Arriaga, E., Prámparo, M.B., Nieto-Samaniego, A.F., Martínez-Hernández, E., Valiente-Banuet, A., Macías-Romo, C. and Dávalos-Álvarez, O.G. Palynological evidence for Middle Miocene vegetation in the Tehuacán Formation of Puebla, Mexico. pp. 1–27.
2. Sancay, R.H. The occurrence of *Mediaverrunites* in the Upper Miocene of the Black Sea, Turkey. pp. 28–37.
3. Verhoeven, K., Louwye, S., Paez-Reyes, M., Mertens, K.N. and Vercauteren, D. New acritarchs from the late Cenozoic of the southern North Sea Basin and the North Atlantic realm. pp. 38–50.
4. Deaf, A.S., Harding, I.C. and Marshall, J.E.A. Cretaceous (Albian-?early Santonian) palynology and stratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt. pp. 51–77.

5. Absy, M.L., Cleef, A.M., D'Apolito, C. and da Silva, M.F.F. Palynological differentiation of savanna types in Carajás, Brazil (southeastern Amazonia). pp. 78–89.
6. Alves, R.F. and Santos, F.A.R. Plant sources for bee pollen load production in Sergipe, northeast Brazil. pp. 90–100.
7. Price, A.M. and Pospelova, V. *Spiniferites multisphaerus*, a new dinoflagellate cyst from the Late Pleistocene of the Guaymas Basin, Gulf of California, Mexico. pp. 101–116.
8. MacPhail, M. and Gibson, D. Testing the Gippsland Basin zonation in northern Australia: palynostratigraphic analysis of a 23-Ma $^{40}\text{Ar}/^{39}\text{Ar}$ -dated claystone from Toowoomba, southeast Queensland. pp. 117–128.
9. Kaya, Y., Pinar, S.M., Erez, M.E., Fidan, M. and Riding, J.B. Identification of *Onopordum* pollen using the extreme learning machine, a type of artificial neural network. pp. 129–137.
10. Terrab, A., Marconi, A., Bettar, I., Msanda, F. and Josefa Díez, M. Palynological characterization of *Euphorbia* honeys from Morocco. pp. 138–146.
11. Quamar, M.F. and Bera, S.K. Surface pollen and its relationship with modern vegetation in tropical deciduous forests of southwestern Madhya Pradesh, India: a review. pp. 147–161.
12. Marinho, E.B., Abreu, V.H.R., Bove, C.P., Philbrick, C.T., Mendonça, C.B.F. and Gonçalves-Esteves, V. Pollen morphology of *Podostemum*: the type genus of the Family Podostemaceae. pp. 162–170.
13. Dolby, G. *Lopsidinium* gen. nov., a dinoflagellate cyst from the Early Cretaceous (Early and Middle Albian) of northern Alberta, Canada. pp. 171–178.

Papers to be published in Palynology Volume 38, Part 2 (December 2014)

1. Borges, R.L.B., Jesus, M.C., Camargo, R.C.R. and Santos, F.A.R. Pollen content of marmeleiro (*Croton* spp., Euphorbiaceae) honey from Piauí State, Brazil. 16 p.
2. Jeffers, D. and Willis, K.J. Vegetation response to climate change during the Last Interglacial–Last Glacial transition in the southern Bekaa Valley, Lebanon. 12 p.
3. Sajwani, A., Farooq, S.A. and Bryant, V.M. Studies of bee foraging plants and analysis of pollen pellets from hives in Oman. 18 p.
4. Shah, S.A. and Ahmad, M. Reassessing palynological characters in the subfamilies Periplocoideae and Asclepiadoideae (Apocynaceae): taxonomic and evolutionary implications. 11 p.
5. Jones, G.D. and Bryant, V.B. Pollen studies of honey from East Texas, USA. 17 p.
6. Langgut, D., Neumann, F.H., Stein, M., Wagner, A., Kagan, E.J., Boaretto, E. and Finkelstein, I. Dead Sea pollen record and history of human activity in the Judean Highlands (Israel) from the Intermediate Bronze into the Iron Ages (~2500-500 BCE). 22 p.

ELECTION TIME



Dr. Thomas D. Demchuk

After 17 years as Secretary-Treasurer and a 2-year term as a Director-at-Large I'm not sure what else I can say that the membership has not already heard. I'm very happy this year to be a candidate for Treasurer, leaving the

Secretary duties in the capable hands of Stephen Stukins (with your vote). I feel the separation of the Secretary and Treasurer duties is essential to the longevity of finding viable candidates for the Board and ensuring that both duties are being fulfilled to their upmost extent. Even with the advances of technology in our membership sign-ups and passing of the journal *Palynology* to Taylor & Francis, the tasks have become much more complex keeping on top of all the necessary numbers. I am certain that young Dr. Stukins is up to the job of making certain your membership is up to date, and ensuring you receive your copies of *Palynology* each year, among other numerous duties which I am sure he will carry out with diligence, dedication and skill. I will expect nothing less. My tasks will continue to make certain the AASP-TPS accounts are sound, and ensuring that bills are paid and checks are signed in a timely manner. I very much look forward to continuing my service to the AASP-TPS membership.

My current job title is Principal Biostratigrapher/Organic Petrographer in ConocoPhillips Co., Houston, working within their Geological Technology Group. Over the past 2 years I have brushed the cobwebs off my organic petrographic knowledge and have been working extensively for ConocoPhillips unconventional business

AASP Treasurer Candidate

units performing organic maceral and maturation assessment analyses. It has truly rejuvenated my career, and I very much enjoy the opportunity to sit at the microscope again and work with the company organic geochemists, as well as collaborate with my global organic petrography colleagues. Along with this, however, I still retain my biostratigraphic duties working for various international CoP business units providing chronostratigraphic and paleoenvironmental interpretations: localities include Norway Barents, Malaysia deepwater, and offshore Angola just to name a few. I also get to dabble in isotope and chemical stratigraphy, and play with high-powered computers and fun software programs that help the company find hydrocarbons. All in all, life is pretty good.

I've been at ConocoPhillips for 17+ years, after 4+ years working at Amoco and doing my best to avoid Gordon Wood and his foam-dart guns. I received my Ph.D. at the University of Calgary in 1992 having had the extreme pleasure of learning aspects of palynology from the late Dr. Len Hills, and organic petrography from the late Dr. Alex Cameron at the Geological Survey of Canada. The scientific community misses both of them greatly, as do I. Previously in 1987 I received my M.Sc. from the University of Alberta in my hometown of Edmonton, under the supervision of Dr. Chaitanya Singh: a true gentleman, a diligent palynologist and person of extreme detail. I am very proud to have learned so much from him in my early palynological career. I am a lover of fine cuisine and fine wine (mostly reds from Argentina and California), great single malt and bourbon, and the occasional fine cigar. Importantly, I owe an enormous and unpayable debt to my lovely wife Marta, whom I love dearly, who tries her best to keep me heading down the straight and narrow road, and out of the way of oncoming traffic.

Webmaster Candidate



Dr. Mohamed Zobaa

Mohamed was born and raised in Benha, Egypt. He received his Bachelor's (geology) and Master's (palynology) degrees from Benha University. He received his PhD degree in Geology and Geophysics (emphasis: Palynology) in 2011 from the Department of Geological Sciences and Engineering, Missouri University of Science and Technology, USA. Mohamed is currently an Assistant Professor in the Department of Geology, Faculty of Science, Benha University. Mohamed's duties include teaching palynology and other paleontology courses to undergraduate students, in addition to supervising research projects of graduate MSc and PhD students. Mohamed's research interests and expertise focus mainly on the different applications of palynology, especially in hydrocarbon exploration and paleoclimatic reconstruction. He worked on rock layers from Egypt, eastern Tennessee, southern Louisiana, and Gulf of Mexico. Throughout his career,

Mohamed's dearest honors were the 2009 AASP's Best Student Poster Award, and the Outstanding Graduate Scholar Award from Missouri University of Science and Technology.

Mohamed started serving the AASP-TPS community as the www.palynology.org Webmaster in the summer of 2012; contemporary with the deployment of the newly upgraded website. Mohamed's main contributions were smoothing the transition to the new platform, adding/changing website content, working with the developers to fix website glitches, and helping board and society members solve their website related problems. Mohamed enjoys working with other AASP-TPS Board Members in their endeavor toward excellent service to the worldwide palynological community.

Managing Editor (*Palynology*) Candidate



Dr. James B. Riding

James B. Riding is a palynologist with the British Geological Survey (BGS), based in Nottingham, UK, and specialising

on the Mesozoic and Cenozoic. After studying geology at the University of Leicester, Jim pursued an interest in palynology which developed as an undergraduate. This started with the famous MSc course in palynology at the University of Sheffield directed by Roger Neves and the late Charles Downie. He left Sheffield for BGS, which was then known as the Institute of Geological Sciences, joining the Palaeontological Department run by the legendary Carboniferous palaeontologist and geologist W.H.C. (Bill) Ramsbottom in the Northern England office, based in Leeds, West Yorkshire. Here, he worked closely with Ron Woollam on the Mesozoic palynology of onshore and offshore UK; much of the work in those days was on the North Sea. The Leeds office was closed, and Jim and colleagues relocated to the BGS headquarters at Keyworth, immediately south of Nottingham. He was awarded a PhD by the University of Sheffield for a thesis on the

Jurassic dinoflagellate cyst floras of northern and eastern England. His current palynological interests are wide-ranging and include the Mesozoic-Cenozoic palynology of the world (especially Europe, Australasia, Antarctica, west Africa, the Americas, Russia and the Middle East), paleoenvironmental palynology, palynomorph floral provinces, forensic palynology, preparation techniques, the history of palynology and the morphology, systematics and taxonomy of dinoflagellate cysts. The British Antarctic Survey, a sister organisation to BGS, have used Jim as a consultant palynologist for many years, and he visited the Antarctic Peninsula for fieldwork during the Austral Summers of 1989 and 2006. The most recent field season was spent on Seymour Island. The European Union has recently funded two collaborative projects involving Jim on research into the Jurassic palynology of Russia and southern Europe. Jim undertook a one-year secondment in 1999-2000 to the Australian Geological Survey Organisation (now Geoscience Australia), Canberra, Australia where he worked on the taxonomy of Australian Jurassic dinoflagellate cysts with Robin Helby and Clinton Foster. The work emanating from this was published in 2001 as Memoir 24 of the Association of Australasian Palaeontologists. Jim was awarded a DSc by the University of Leicester in 2003. He served as a Director-at-Large of AASP between 1999 and 2001, was President in 2003, and became Managing Editor in 2004. He has previously served as Secretary and Treasurer of The Micropalaeontological Society (TMS). Jim is currently the Secretary-Treasurer of the International Federation of Palynological Societies (IFPS).

Newsletter Editor Candidate

Dr. Sophie Warny

Sophie Warny is an Associate Professor of Palynology in the department of Geology and Geophysics and a curator at the Museum of Natural Science at Louisiana State University in Baton Rouge. She has a long history with AASP as she won the AASP Student Award in 1996. She received her Ph.D. from the Université Catholique de Louvain, in Belgium in 1999 working with Dr. Jean-Pierre Suc at the University of Montpellier. Her doctoral dissertation focused on the Messinian Salinity Crisis. Since graduating, she has been working on Antarctic sediments that were acquired via the ANDRILL SMS and the SHALDRIL programs. In 2011, she received the NSF CAREER award to support her palynological research in Antarctica. In addition to her research, she teaches Historical Geology, Palaeobotany, and Micropalaeontology. She also manages the education and outreach programs for the Museum. She currently has a research group that is composed of three master students (Isil Yildiz, Steve Babcock, and Caven Kymes) and four PhD students (Kate Griener, Marie Thomas, Shannon Ferguson and Jill Bambricks). Thanks to these students, ongoing

projects in Warny's lab at CENEX cover geological topics ranging from Cretaceous to Recent, in various regions of the globe; including Gulf of Mexico, Gulf of Papua, Canada, the U.S. and Antarctica. Since being hired on tenure-track at LSU, she graduated eight



students, all are currently employed in the oil and gas industry (see www.geol.lsu.edu/warny for details). Sophie has been the newsletter editor since 2007 and this NL marks her 30th issue. She is glad to accept the nomination for this position and would do her best to keep bringing news of interest to the palynological community.



Dr. Stephen Louwye

I started studying geology at Ghent University in 1979 and received a BSc degree in 1982. My first steps into the field of palynology were under the guidance of Jacques Verniers who supervised the research for my MSc degree in 1983 and 1984. Jacques took me to the deep time of the Silurian world to study Chitinozoans and basin architecture. After finishing my Masters degree, I climbed up the stratigraphic ladder for my PhD research where Upper Cretaceous dinoflagellates and acritarchs became my new research subjects. After years of analyzing (very...) abundant and diverse Cretaceous dinocyst assemblages under the guidance of Jan De Coninck, I was awarded a PhD from Ghent University in 1989.

My postdoctoral work between 1990 and 2000 focused on several topics: Quaternary sea level variations as recorded in the southern North Sea Basin, mapping of late Quaternary deposits, Cenozoic dinoflagellate cyst taxonomy, and Neogene dinoflagellate cyst biostratigraphy and paleoecology of the North Sea Basin and the North Atlantic realm. The emphasis I laid on these varied research areas resulted from

my belief in integrated geological and paleobiological studies based on a multidisciplinary approach, in which palynology plays a key role.

I was appointed professor at Ghent University in 2001 and I'm now responsible for several paleontology related courses undergraduate and graduate level: Paleobotany 1 & 2, Micropaleontology and paleoenvironment reconstruction, Advanced micropaleontology, and naturally... the 101 course System Earth. Palynology and paleobotany are fascinating and captivating research subjects and I always try to pass on my enthusiasm for the discipline to my students.

My current interests are integrated Cretaceous, Neogene and Quaternary studies relying on dinocyst stratigraphy, sedimentology and organic geochemistry. Currently at the Paleontology Research Unit, three PhD students are working under my supervision on topics as diverse as marine and terrestrial palynomorphs from the Neogene of Porcupine Basin (off southwest Ireland), late Quaternary dinocysts from Vancouver Island (co-supervision with Vera Pospelova and Kenneth Mertens), and late Quaternary non-pollen palynomorphs from Lake Chala in Tanzania. At national level, palynology is doing well in Belgium with some eight ongoing PhD research projects, and several master projects (keep in mind that Belgium is a very, very small country...).

As a member of the board of Geologica Belgica (the Belgian Geological Society) I organised the 3rd international Geologica Belgica symposium in 2009 and I'm also serving as editor of *Miscellanea Geologica*, the monthly newsletter. I'm currently the secretary of the National Commission for Paleogene and Neogene Stratigraphy of Belgium. As a member of several paleontological and palynological societies, I served on the board of AASP as Director-at-Large during 2009-2010, which was both an interesting and stimulating experience. I'm honoured to be nominated as a candidate for President-Elect.



Dr. Guy Harrington

I started my career in palynology with an M.Phil. in the Holocene of Hungary at the University of Cambridge before running back into deep-time to study Paleogene pollen and spores from North America for a PhD at the University of Sheffield. I have worked on industrial and academic research positions at The University of Sheffield, University College Cork, and at the National Museum of Natural History, Smithsonian Institution where I am still an active research associate. Since 2004 I have worked at the University of Birmingham, UK as a Lecturer, and now Senior Lecturer, in Paleobiology and teach across a broad range of geology and paleontology including specialized courses at M.Sc level in dino-

cysts and sporomorphs. My research is active in North America in the Paleocene-Eocene, especially the Wilcox Group of the GoM, and has extended in recent years to include the Arctic and Europe. In 2012 I participated as biostratigraphy team-leader on Expedition 337 for the IODP off the north-east coast of Japan. The Hodson Award from the Palaeontological Association was awarded to me in 2007 for my early-career work in paleontology. I now have a joint position with the British Geological Survey as a palynologist until 2017. When I'm not sitting in traffic commuting between Birmingham and Nottingham, I attempt to make the most of my gym membership by weight-training (a work in slow progress) and also playing the viola in local orchestras and for paid gigs some weekends. The culmination of both activities is a familiarity with the University physio.

I have served on the board of the Paleontological Association and organised the Annual Meeting in 2009 that attracted over 275 participants. I have served previously the Palaeontographical Society as a board member as well as a prolonged stint as Organiser for the Linnean Society Palynology Specialist Group (LSPSG) that primarily represents the interest of pollen morphologists and developmental biologists at the Linnean Society of London. I have been a member of AASP since 1995 and I have served as a Director-at-Large. My work at the University of Birmingham in helping drive particularly the delivery of a dedicated M.Sc course in Applied and Petroleum Micropalaeontology, and also in supervising undergraduate student projects, has led me to consider ways in which professional societies and industry foster the next generation of specialist practitioners within their fields. If elected I would really like to further the efforts of the society to communicate with students considering palynology as a discipline and build upon the work of previous incumbents in this highly important outreach activity.



Dr. Stephen Stukins

After studying a B.Sc. in Geological Sciences at University of Leeds I undertook the M.Sc. in Micropalaeontology at University College London in '05-'06. It was at UCL I first discovered palynology and went on to use it in my final project

studying the onset of the Toarcian OAE from the Yorkshire coast under the supervision of Susanne Feist-Burkhardt and Andrew Henderson.

I then ventured on to the University of Aberdeen for my Ph.D., supervised by David Jolley, Duncan McIlroy (Memorial University of Newfoundland) and Adrian Hartley. This research project, funded by Statoil (UK), took me to Argentina where I studied the palynology and sedimentology of the Middle Jurassic of the Neuquén Basin from its stunning

outcrops.

Following my doctorate I worked for PetroStrat Ltd in Conwy, North Wales, where I trained and worked on Mesozoic sections from West Africa and various sectors of the North Sea. Then the opportunity arose to join the Natural History Museum, London, where I have been since January 2012. During my time at the NHM I have been able to broaden my involvement in palynology and micropalaeontology, such as: exploring ways to promote and digitise the John Williams Index of Palaeopalynology; hosting The Micropalaeontological Society conference on the past, present and future of the IODP; and instigating new research proposals for working with the museum collections and on material collected during numerous field visits.

I currently teach Applied Biostratigraphy on the Petroleum Geoscience M.Sc. courses at Royal Holloway University and Imperial College London. This year I'm supervising two students from the recently started M.Sc. in Micropalaeontology at the University of Birmingham, using samples from the former BP micropalaeontology collection at the NHM. Last year, I had a student successfully complete project work on the Cretaceous of offshore East Africa.

I am honoured to have been nominated to join the AASP-TPS board and I am looking forward to being involved in the future success of the association.

Director-at-Large Candidates: Dr. Marco Vecoli and Dr. Kara Bogus

Dr. Kara A. Bogus

I am a staff scientist and expedition project manager with the International Ocean Discovery Program (IODP) and a lecturer in the College of Geosciences at Texas A&M University.

After receiving my B.A. from Colgate University, I moved to Germany and earned a M.Sc. in marine geosciences from the University of Bremen. My master's research, performed at the Alfred Wegener Institute

of Polar and Marine Research (Bremerhaven, Germany), was an investigation into the use of barite as a productivity proxy in the Black Sea. Following that, I worked as a research assistant at the AWI with Sabine Kasten. I then began my doctorate at the University of Bremen within the graduate college Europrox, where I was co-supervised by Karin Zonneveld and Ian Harding during a research stay at the National Oceanography Centre, Southampton (England). My doctoral work combined palynol-

ogy and organic geochemistry in an attempt to differentiate productivity signals from post-depositional processes. I first focused on the use of Quaternary dinoflagellate cysts as environmental proxies in the northeastern Arabian Sea, then, as a result of my research stay at NOCS, I began investigating the chemical composition of dinocysts and their relation to (paleo) environment. After receiving my doctorate in January 2012, I held a post-doctoral research contract at the MARUM – Center for Marine Environmental Sciences (Bremen, Germany) working mainly with Gerard Versteegh. During that time, I also began collaborating with Kenneth Mertens and had a short research stay at the University of Ghent (Belgium). I moved back to the US to join the IODP and Texas A&M in March 2013.

My research involves (1) studying past climate and oceanographic signals preserved in marine sediment cores through analyses of dinoflagellate cyst assemblages, and (2) studying palynomorph geochemistry to provide information on dinoflagellate ecology, (paleo)environments, and organic matter diagenesis. For example, recent results indicated phylogeny may be less important for predicting dinocyst composition than environmental factors, such as the nutritional strategy of the dinoflagellate. This suggests potential for cyst wall chemistry to infer past nutritional strategies of extinct taxa preserved in the sedimentary record.

Dr. Marco Vecoli



Marco Vecoli graduated in geology from the University of Pisa, Italy, in 1993, with a dissertation on Cambrian-Ordovician acritarchs (supervised by Prof. Marco Tongiorgi), and received his Ph.D.

from the University of Queensland, Australia in 1999 with a thesis on the Cambro-Ordovician acritarchs of the Sahara Platform, North Africa, under the supervision of Prof. Geoffrey Playford. The main results of these studies were a detailed palynological zonation for the Cambrian to Ordovician sequences of North Africa and a much-increased knowledge of the taxonomy of Cambrian-Ordovician Gondwanan acritarch assemblages.

From 1999 to 2001 Marco worked as postdoctoral fellow at the Martin-Luther-Universitaet of Halle/Saale, Germany, on the international project « PACE : Paleozoic Amalgamation of Central Europe », funded by the European Commission. In this project, Marco applied palynology to the dating of various Paleozoic subsurface sequences in central and northern Europe, and to the identification of paleogeographic affinity of the various tectonostratigraphic units forming the core of Central Europe Paleozoic basement. During that period, Marco received also intensive training on clastic sediment provenance analysis.

After this very formative experience, Marco was awarded a prestigious Marie Curie Individual Fellowship from the European Commission to pursue his career, further specializing in Early Paleozoic palynology during a two-year (2002-2004) postdoctoral position at the University of Brest, France, under the direction of Alain Le Hérissey.

Subsequently, he obtained a short teaching position at the University of Lille 1, France, before being hired as permanent senior researcher of the Centre National de la Recherche Scientifique (CNRS) in 2004. In Lille, Marco worked in the paleontological laboratory led by Thomas Servais, focusing his research on the origin of land plants and the early record of

plant's terrestrialization, obtaining a series of grants from various funding agencies in France, and leading an international and multidisciplinary team of experts on evolution of early terrestrial ecosystems. The initial results of that project (still ongoing) have been published in a book of the Special Publication series (N° 339) of the Geological Society of London.

During this period, Marco also supervised various Master's thesis and two PhDs, one on acritarch stratigraphy of the Ordovician-Silurian boundary beds on Anticosti Island, Québec, Canada (Aurélien Delabroye, currently working as palynologist at Ichron, U.K.), and one on the investigation of molecular biomarkers of early land plants from Ordovician to Devonian sediments from the subsurface of North Africa and Scotland (Maria Fernanda Romero Sarmiento, currently researcher in organic geochemistry at IFP-Energies Nouvelles, France).

In 2008, Marco started a fruitful collaboration with various companies and consulting partners in the field of hydrocarbon exploration, realizing that successful industrial-academic ventures are of great mutual benefit for both parties, providing precious study material and independent source of funding to academic research, and access to state-of-the-art scientific knowledge and expertise at competitive cost to industrial partners. It is during this period that, amongst other projects, Marco started to work on pre-Cambrian acritarch stratigraphy and paleobiology in West Africa (Mali, Mauritania, Senegal, Ghana).

In 2011, Marco was awarded a "Prix d'excellence scientifique" by the CNRS in recognition of his work.

Later in the same year Marco decided to take on the challenge to pursue his career as palynologist in the Oil Industry, and he accepted a job offer from Saudi Aramco where he currently works; this move has provided further scope for applying his skills and, above all, new opportunities for further developing and increasing his knowledge.

Marco has served as President of the CIMP (International Commission on Paleozoic Microflora) from 2010 to 2014.

In his spare time, he is a dedicated rock-climber.



Kimberley Bell

When I was first introduced to paleopalynology by Dr. Leonard Hills (Emeritus Professor, University of Calgary) as an undergraduate student in 2007 I was immediately captivated by this mysterious microscopic world. I joined the palynology group at the Geological Survey of Canada, Calgary in 2008 and with their continued support I completed an honours thesis on Late Cretaceous terrestrial palynostratigraphy in 2010. In 2011, I completed a B.Sc. in Geology Honours and a B.Sc. in Environmental Science at the University of Calgary. As an undergraduate, I realized that I had the desire to pursue a career in palynology. I am now a Ph.D. candidate in the Department of Geoscience at the University of Calgary under the supervision of Dr. Arthur Sweet and Dr. Charles Henderson. My research is currently funded by the Natural Sciences and Engineering Research Council of Canada (the Canadian equivalent to the National Science Foundation) and the Geological Survey of Canada. My research interests include Cretaceous and Paleogene palynology, and its application to biostratigraphy, paleoecology and biochronology. I have a passion for taxonomic and phylogenetic studies of angiosperm pollen and I am interested in interdisciplinary studies linking palynology, paleobotany, lithostratigraphy and regional basin analyses from sequence stratigraphic and tectonic perspectives. My research experience has been primarily in terrestrial palynology, although I have recently gained some experience working with

dinoflagellate cysts. During my time as a graduate student I have volunteered on the organizing committees for two annual geoscience research symposiums, professional development workshops and a weekly talk series at my university.

I am member of Canadian Association of Palynologists, the Geological Society of America, the Association of Professional Engineers and Geoscientists of Alberta and the Alberta Paleontological Society. I have been an active member of AASP-The Palynological Society since 2011 coinciding with my first attendance at an AASP-TSP annual meeting where I was generously awarded membership as part of the L.R. Wilson Award for Best Student Paper presented at the 44th Annual Meeting in Southampton. I also attended and presented at the 45th Annual Meeting in Lexington, Kentucky (2012) and the 46th Annual Meeting in San Francisco, California (2013). Attendance at the technical programs and business meetings associated with these annual meetings has given me an appreciation of the significance of AASP-TPS to the international palynological community. The AASP-TPS has supported me through a Palynological Society Student Scholarship (2011) and Student Travel Awards (2011, 2013) so I have a strong sense of the society's role in encouraging interested students. I also completed the Pollen and Spore Master Class (2013) offered by AASP-TPS in Utrecht, Netherlands. This organization had afforded me many opportunities for professional growth as a palynologist and I am honoured to be nominated as a candidate for the student director-at-large position. I would truly value the opportunity to contribute to the continued success of AASP-TPS. I look forward to seeing you at the meeting in Mendoza!



Marie Thomas

Marie L. Thomas is a Ph.D. student in geology at Louisiana State University in Baton Rouge, LA.

She is a research fellow under Dr. Sophie Warny's supervision at CENEX, the Center for Excellence in Palynology. Her research examines Quaternary palynology in the Gulf of Papua where she is documenting the modern distribution of pollen, spores, and dinoflagellate cysts. At LSU, she is involved with the student chapter of the American Association of Petroleum Geologists where she has been the public liaison and social chair for the past two years. She is the Ph.D. student representative to the department faculty,

and she has tutored student athletes in geology and geophysics. She is a member of Gamma Beta Phi Honors Society and Golden Key International Honor Society.

This past summer, Marie interned at Hess Corporation under the supervision of David Pocknall, working on biostratigraphy and palynology in the Miocene of Southeast Asia. She will be interning with Hess again this summer and will be returning to LSU in the fall to complete the last year of her Ph.D.

Marie graduated with a B.Sc. from Millsaps College in Jackson, MS, in May 2011. She double majored in geology and biology, and her Honors Thesis involved researching the distribution of Webster's Salamander (*Plethodon websteri* Highton). She received the Founder's Medal for having the highest grade point average in her class at graduation.



Jamie Boyd

Jamie Boyd is a PhD student in her second year at the University of Leeds where she also completed her bachelor and master degrees.

Her ongoing research focuses on using dinoflagellate cysts from the

Neogene as proxies to evaluate the evolution of ocean circulation and climate change. She is approaching this by creating a database, known as TOPIS (Tertiary Oceanic Parameters Information System), using previously published data on dinoflagellate cysts of the Neogene. The database is a global repository of dinoflagellate abundance, location, ages, and ocean conditions and will be a valuable asset for further research.

VOTE ONLINE

All AASP-TPS members will receive an email request to vote online.

**Your vote is important to the Society.
Thank you for your participation!**

CONGRATULATIONS TO THESE STUDENTS! AASP-TPS STUDENT MENDOZA TRAVEL AWARDS

Thanks are extended to Martin Farley and the Awards Committee for their tremendous work.

These five students are recipients of a Mendoza Travel Award:

Damian A. Fernandez (Buenos Aires, Argentina)

Heda Agić (Palaeobiology, Department of Earth Sciences, Sweden)

Jon Lakin (Ocean and Earth Science, University of Southampton, National Oceanography Centre Southampton, UK)

Johan Vellekoop (Utrecht University, The Netherlands)

Charlotte Mack (Dept of Applied Geology, Australia)

Special thanks are extended to Damian and Jon for providing material on their research!



Student: Damián A. Fernández

Title of presentation: Fossil pollen and spores from Río Turbio Formation, Santa Cruz Province, Argentina

Institution: Universidad de La Plata, Sección Paleopalinología, MACN "Bernardino Rivadavia", Ciudad de Buenos Aires, Argentina.

Cátedra de Botánica Sistemática II, FCNyM, UNLP, La Plata, Buenos Aires, Argentina.

Student: Jon A Lakin

Title of presentation: A palynological and stratigraphical study of latest Devonian glaciation in South America and its correlation to the wider Hangenberg Crisis.

Institution: Ocean and Earth Science, National Oceanography Centre Southampton, University of Southampton Waterfront Campus
European Way, Southampton SO14 3ZH
United Kingdom





Advice for Student Presentations for Wilson Award for Mendoza!

Martin Farley with assistance from Reed Wicander

Here is some advice on making effective oral presentations, in other words, how to communicate effectively.

Give a talk on only a few main points. It is unlikely that you can discuss effectively the results of an entire thesis in a single talk. Creating an effective talk is often a process of throwing out material that cannot be covered. Figure out what the important points are (3 to 4 at most) that you want the audience to take away from your presentation.

An effective way to begin a talk is to give the conclusions first (or at least very early). This means you are not giving a mystery presentation during which the audience has to guess what point you are trying to make. You then repeat the conclusions at the end. This idea has a history dating back at least to an essay by Eugene Shinn in the 1986 edition of AAPG's advice on making presentations "Figuratively Speaking," although knowledge of it is not widespread. (The 2000 edition of this book, if available, has many helpful suggestions on design of illustrations for talks.)

Generic advice to speakers often suggests making eye contact with the audience. In a completely dark room, this is impossible. In some venues, you can start your talk with the lights up, make some eye contact, and then have the lights turned off. However, you can still partially face the audience as you speak, and look away from the screen occasionally. You should always avoid talking directly to the screen, rather than your audience, particularly if you are using a laser pointer to highlight items on the screen. Make some contact with the audience during your talk, even if you can't see them.

Make illustrations on slides as large as possible, particularly if there are some details within the image. If this means dispensing with space devoted to organizational logos, then you should do so. Powerpoint allows you to move titles to the side, change their color so they're visible over unimportant parts of the illustration, or otherwise alter them to give the illustration importance. Landscape orientation illustrations work best. Figures with labeling suitable for paper publication are almost always too small to read on a slide.

Avoid busy slide backgrounds. This includes most of the canned versions supplied with presentation programs like Powerpoint. These distract the audience.

You can make a very simple master slide with an uniform dark blue background and then put your text and illustrations on top of that.

Don't fill slides with text that you read aloud. The audience can read faster than you can speak, will reach the end of the slide before you do, and quickly lose interest in your talk. Outline the points you want to make on the slide and expand on them verbally.

Avoid fancy slide transitions. Although they may seem fun, they distract the audience from concentrating on your talk.

Use scale bars for photomicrographs, so the scale estimation remains the same no matter the size of the projected image.

Never apologize for the quality of an illustration. It draws attention to the issue and many people would never notice. It also makes it look like you waited until the last minute to prepare your talk, and shows lack of respect to the audience. I once had a poster up all day at AAPG with an obvious boundary fault in it and I was ready to explain at some length why it was there. However, even though hundreds of people looked at the poster, not a single one mentioned it.

If you have time for acknowledgments, you shouldn't thank anyone who is a co-author on the paper (e.g., your advisor). You present on behalf of all the authors on the abstract and as you would not thank yourself for your own help, you do not acknowledge the help of co-authors either.

Formally, in an oral session, the session chair is in charge. The chair decides if there is time for questions at the end of a talk. Therefore, you should not end your talk by asking "Any questions?" because that presumes you control the session. There may be no time for questions through no fault of yours, for example, if the session is running behind schedule. A good phrase to end a talk with is "Thank you."

Practice your talk more than once. Leave some time to allow for pauses. For example, you may have to stop talking to twist around to aim the laser pointer at a screen located in the most inconvenient possible place from the speaker's point of view. You will not be able to know this until you see the venue.

NEW!!!!!! AASP-TPS UNDERGRADUATE STUDENT AWARDS



AASP Undergraduate Student Awards

In order to support the teaching of palynology at the undergraduate level, and to encourage and reward student engagement and achievement in this field, the AASP-The Palynological Society announces the AASP Undergraduate Student Award.

The awards are made annually to students nominated by faculty members teaching courses with significant palynological content. One student recipient, with meritorious achievement in some aspect of the course, can be nominated per year per institution.

A faculty member, who is a member in good standing of AASP, and who teaches an appropriate course, may nominate the course using the Registration Form below. Upon approval by the Awards Committee, faculty teaching approved courses may nominate a student to receive the award at any time of the year on the basis of their qualifying criteria. The faculty member will then report the name and address of the recipient to the Awards Committee Chair. The Chair will notify the Secretary, who will provide the membership benefits, and will collate a list of recipients each year for presentation at the Society's Annual Meeting, in the Newsletter, and on the website.

Each award consists of one year's free membership in the Society to include all issues of the Society's publications for that year, the journal *Palynology* and the quarterly newsletter, discounts on other AASP publications, discounted registration fees at Society meetings, and eligibility for Society awards.

Information for faculty members: To register a course at your institution, please fill in the form below and submit it electronically for approval by the Awards Committee. You only need to do this once unless the course has changed or you wish to nominate a different course for the award.

AASP Undergraduate Student Award – Course Registration Form

Nominating faculty member:

University/Higher Education Institution:

Course Name:

Course Description and level:

Average number of students registered in the course annually:

Number of hours of palynological instruction:

Lectures -

Laboratory classes -

Criteria used to determine the winning student:

Date:

**Please return via
email to Awards
Committee Chair:
Martin Farley
([mbfarley@
sigmaxi.net](mailto:mbfarley@sigmaxi.net))**

PUBLICATION ANNOUNCEMENT

ROYAL TYRRELL MUSEUM

D.R. Braman, 2013. *Triprojectate Pollen Occurrences in the Western Canada Sedimentary Basin and the Group's Global Relationships*. Royal Tyrrell Museum of Palaeontology, Contribution Series, no. 1, 538p.

The Royal Tyrrell Museum of Palaeontology announces the publication of a book on the triprojectate pollen from the Late Cretaceous and Paleogene of Western Canada. The book brings together research results from numerous sections over a broad geographical area and provides a catalog of illustrated specimens. The material is placed within an informal classification system developed to handle the large number of described triprojectate species. An extensive literature search has produced a comprehensive list of described taxa from around the world, and English descriptions are provided for all the taxa, along with figured diagrams. The stratigraphic ranges of the recovered species from Western Canada are documented.

Three new genera and 30 new species are described in the publication. A number of holotype specimens previously published from the region are re-illustrated. This publication is the first major publication to bring together the dispersed

literature on the group, and should be of interest to all researchers encountering members of the triprojectates.

To obtain copies of this publication contact:

Royal Tyrrell Museum
Cooperating Society
Box 7500

Drumheller, Alberta,
Canada T0J 0Y0

Telephone Orders:
1-403-823-8899

Fax Orders: 1-403-
823-2102

Orders by email:
shop@tyrrellmuseum-shop.com



Cost: \$99.95 (CAD) plus shipping (examples of shipping costs: Canada ~\$16.75: USA ~\$26.50: China ~\$51.00: Russia ~\$51.00; Europe \$40.00-\$50.00; CAD)

OBITUARY - WILLIAM SPACKMAN

WILLIAM SPACKMAN William Spackman died on March 13, 2014, at the age of 94 at Liberty Commons Nursing and Rehabilitation Center. Born William Spackman Jr. on September 20, 1919, in Chicago, Illinois, he was the son of William Spackman and Olive Hazel Totten. He was married on June 5, 1942, to Virginia June Wallace, who predeceased him after 70 years of marriage. Surviving are three children and their spouses: Kenneth W. Spackman and his wife Gloria R. Spackman of Wilmington; Barbara G. Spackman and her husband Albert R. Ascoli of Berkeley, California; and Charles T. Spackman of Wilmington. His grandchildren are Justin B. Spackman and Lauren Spackman Pittman, both of Wilmington. Lauren and her husband Antoine Pittman are the parents of William's two great-grandchildren, Aymery Pittman and Maylyn Pittman. William had one brother, Kenneth Charles Madison Spackman, who died in infancy. Dr. Spackman, professor emeritus at The Pennsylvania State University, began his post-secondary education at North Park College in Chicago, where he received the associate of arts degree in 1940. He graduated from the University of Illinois in 1942 with a bachelor's degree in botany. During World War II he served at the Philadelphia Naval Shipyard applying biological research to marine wood preservation. After the war, he earned his PhD in biology with a major in paleobotany in 1949 from Harvard University, and subsequently spent an illustrious career of teaching, research and service at Penn State. As a teacher, he influenced thousands of students through his Introductory Geology class, and directed many doctoral theses in paleobotany and coal science. His field research as a coal petrologist led him from the lignite fields of Vermont to the coal mines of Kentucky and the peat swamps of Florida. He founded the Coal Research Section in the College of Earth and Mineral Sciences at Penn State, published widely in scientific journals, and established and co-edited the 43-volume *Catalog of Fossil Spores and Pollen*. He received research grants from such varied sources as the National Science Foundation, the Atomic Energy Commission, the Department of Energy, Bethlehem Steel, US Steel, Exxon and multiple coal companies, indicating the broad and significant energy applications of his coal and sedimentary research, conducted primarily in the Florida Everglades, that provided predictive properties of coal use based on the coal composition. He was the first to document sea-level



rise in south Florida, and its accompanying ecological implications. He served as Chair of the Paleobotanical Section of the Botanical Society of America; Chair of the Coal Geology Division of the Geological Society of America; and was a member of the International Commission of Coal Petrology, serving from 1964 to 1975 as President of its Nomenclature Committee. In 1976, he received the Joseph Becker Award of the Association for Iron and Steel Technology, and in 1977 he received the Gilbert H. Cady Award of

the Geological Society of America for outstanding contributions to the field of coal geology. In the citation for that award, one colleague wrote, "Almost single-handedly, he was responsible for the development of coal petrology as a technically useful science in this country." In 1980, he became the founding editor of the first research journal devoted to coal geology, the *International Journal of Coal Geology*. In 2005, he was honored by The Society for Organic Petrology, for which he had served as president in the 1980s, with the establishment of the William Spackman Student Research Award, competitively granted annually to graduate students studying coal petrology. Dr. Spackman was active in community service as well. An Eagle Scout, he served as a district executive of the Boy Scouts of America before embarking on his scientific career. In the 1960s, he served as Chair of the Board of Trustees of Centre Community Hospital in State College, Pennsylvania. He was founding President of the Aaronsburg Civic Club, and served for 25 years as secretary of the Aaronsburg Water Pipes, Inc., the oldest incorporated public utility in the state of Pennsylvania. In 1981, he was appointed by the governor of Pennsylvania to the Board of Pennsylvania Science and Engineering Foundation. His hobbies included restoring his beloved 1789 House in Aaronsburg, Pennsylvania; designing miniature vignettes; boating; and growing orchids (as an honorary lifetime member of the Cape Fear Orchid Society). He retired in 1986 from Penn State, and spent the remainder of his life in Wilmington, North Carolina. His was a life well-lived, dedicated to teaching, research, community service, and, most of all, family. His lifelong credo was, "If you are going to do something, do it right." He did. All final arrangements are private. Condolences to family at www.andrewsmortuary.com Andrews Market Chapel Service.

Published in the Wilmington Star-News on Mar. 17, 2014.

CONSIDER HELPING OUR MISSION

AASP Foundation Century Club

WHAT ?

The Century Club of the American Association of Stratigraphic Palynologists Foundation is an organization founded by the Trustees of the Foundation in order to provide persons with the opportunity to support the publishing activities of the AASP Foundation.

WHY ?

1. To develop an established level of giving that will continue to provide a solid financial base for the Foundation.
2. To provide unrestricted funds to support the various publishing activities of the Foundation.
3. To provide a meaningful organization and method of recognition of dedicated "friends" of the AASP Foundation.

HOW ?

Your tax-deductible contribution of \$100 or more to the AASP Foundation entitles you to belong to the Century Club. The **2014** "membership" drive is on now. Your contribution may be made by personal check or by a pledge which is *payable on or before DECEMBER 2014*.

JOIN !

To join the Century Club just complete the attached Contribution/Pledge Form and mail to the address listed below.

The AASP Foundation is a 501 (c)(3) not-for-profit, public organization. That means that contributions to the AASP Foundation are fully tax-deductible from your U.S. Federal income tax return. Also, many employers have a matching gift program whereby they match your personal gift to not-for-profit organizations. It is well worth the effort to explore this possibility concerning your gift to the AASP Foundation.

2014 AASP Foundation Century Club Contribution Form

Name: _____

Address: _____

Mail to:

Robert T. Clarke, Treas.

AASP Foundation

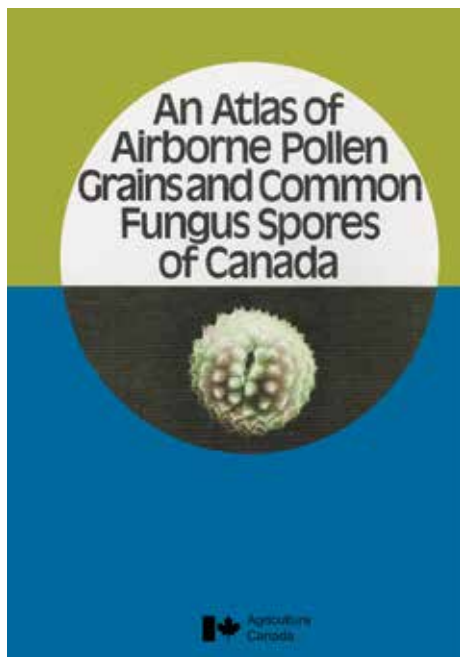
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Contribution enclosed: \$ _____ I wish to pledge: \$ _____

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Banff National Park in Alberta



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The best and fastest way to order any AASP publication is via our secure web site at: <http://www.palynology.org>.

321 pages; 160 figures/photographs; numerous tables/charts.

Publication cost: \$30.00 (printed copies only at this time).

Add shipping costs: to a U.S. address by Media Mail is \$4.00; shipping costs to a **non-U.S.** address is \$13.00.

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The 1995 AASP Contributions Series No. 30, *Pollen of the Southeastern United States: with emphasis on Melissopalynology and Entomopalynology*, is again available in a limited printing. 184 pages, 616 individual SEM photos; spiral bound. The publication may be ordered through the AASP secure website listed above. Publication cost is \$30.00. Shipping costs: to a U.S. address by Media Mail is \$4.00; shipping costs to a **non-U.S.** address is \$13.00.

CONFERENCES

4TH INTERNATIONAL PALAEONTOLOGICAL CONGRESS

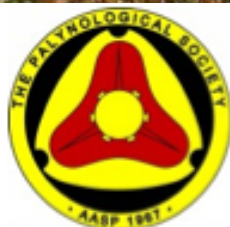
The history of life:
A view from the Southern Hemisphere



September 28 - October 3, 2014
MENDOZA, ARGENTINA



X



AASP-The Palynological Society 47th Annual Meeting
Participation in the
4th International Palaeontological Congress Mendoza,
Argentina

GO TO:

<http://www.ipc4mendoza2014.org.ar/aasp/>
FOR ALL DETAILS!

Contributors



CONICET



Centro de
Congresos y
Exposiciones



4TH INTERNATIONAL PALAEONTOLOGICAL CONGRESS

The history of life:
A view from the Southern Hemisphere



September 28 - October 3, 2014
MENDOZA, ARGENTINA





Planning for the AASP-TPS Annual Meeting Mendoza, Argentina Sept. 28 – Oct. 4, 2013

Board Meetings

Outgoing Board Meeting: Monday, September 29th Sheraton Hotel (8-10 people)	7:30 – 9:00PM
Business Meeting (and Social Evening): Tuesday, September 30th Hotel Huentala, Kitek Cava Wine Cellar Wine and Finger-food Cost: US\$50/person (separate ticketed event)	7:30 – 10:00PM
Incoming Board Meeting: Friday, October 3rd Sheraton Hotel (8-10 people)	7:00 – 8:00PM

Other Social (AASP-TPS-related) Events

IPC4 Icebreaker: Sunday, September 28th Sheraton Hotel Foyer and Bar	7:00PM
Gala Reception and Dinner: Thursday, October 2nd Bodega Septima (Maipu) (Price being negotiated)	7:00PM
Argentinian Asado Dinner: Friday, October 3rd (after Incoming Board Meeting) Bodegas Familia Zuccardi, Maipu Cost: US\$95/person including transportation (separate ticketed event)	8:30PM
Wine Tour to Valle de Uco (South): Saturday, October 4th Andeluna Cellars, Bodegas Salentein (w/ lunch), Bodegas Domaine Bousquet Cost: US\$125/person including transportation (separate ticketed event)	8:30AM – 5:30PM

Technical Sessions and Abstract Submissions (deadline was May 15)

AASP-TPS members attending the Congress and planning on presenting a paper are strongly encouraged to submit their Abstract to one of the proposed Symposia. Palynology-oriented abstracts will be reviewed by Drs. Mercedes Pramparo and Thomas Demchuk for placement into a proposed Symposium.

General palynology abstracts will be placed in a full-day General Palynology Theme Session sponsored by AASP-TPS. Four Keynote speakers have been identified (and will be invited) to give presentations of 45 minutes each (one to open each of the morning and afternoon sessions, and two to immediately follow mid-session coffee breaks). Other general oral presentations will be chosen from the abstract submissions to fill the remaining available 20 minute time slots. Other abstracts will be chosen for poster session only. Keynote Speakers identified include (but are not limited to): Paul Strother (early Paleozoic), Mike Stephenson (late Paleozoic) and Jim Riding (southern hemisphere Mesozoic).

The on-line Abstract submission form will be available through the IPC4 website by end-January. All invited and voluntary submissions will be conducted through the IPC4 website. An additional check-box on the Abstract submission form will identify your Abstract as palynology themed, for further review by Drs. Pramparo and Demchuk for placement into a proposed Symposium, or into the General Palynology session (oral or poster).

IPC4 Icebreaker: Sunday, October 28th

The Icebreaker will be held in the main foyer/bar area of the Sheraton Hotel immediately following the Opening Ceremonies on the evening of Sunday, September 28th. This event is part of the normal registration fee and is open to all Congress attendees.



The Entrance and Main Lobby of the Mendoza Sheraton Hotel, host for the IPC4 Congress

AASP-TPS Social Evening (and Business Meeting): Tuesday, September 30th

Instead of the formal AASP-TPS Business Luncheon, a less formal Social Evening will bring together AASP-TPS members and guests for an evening of Mendoza wine-tasting and local Argentinian flavors. This event will be held in the Kitek Cava Wine Cellar in Hotel Huentala on the evening of Tuesday, September 30th. The wine-tasting will commence at 7:30PM, with the formal AASP-TPS Business Meeting to take place shortly thereafter. Formal presentations will be given by the AASP-TPS Secretary-Treasurer, Managing Editor, and the AASP Foundation. Awards will be presented to deserving AASP-TPS members, followed by the traditional passing of the gavel from the current President to the President-Elect. Following a short speech by the incoming President, the evening will continue with additional wine and local Mendocino flavors (e.g. empenadas, tartaletas, canapes). The cost for this event will be US\$50/person and will include all wine and food. This event will be ticketed separately and must be purchased through AASP-TPS.



The Kitek Cava Wine Cellar, Hotel Huentala: Proposed site for the AASP-TPS Social Evening and Business Meeting

IPC4 Gala Reception and Dinner: Thursday, October 2nd

AASP-TPS attendees are encouraged to participate in the Gala Reception and Dinner that will be held at Bodegas Septima in Maipu (just outside Mendoza). The winery will serve as a great site to watch the sun setting slowly behind the Andes while enjoying some great local wine. Entertainment will be presented in the form of a Tango dancing exhibition and live music, and local Folklorico. This event will be ticketed separately and will need to be purchased at the time of IPC4 registration. Exact price for this event is currently being negotiated but is expected to be approx. US\$80/person.

Bodegas Septima, Maipu, Mendoza Province: Site of the Gala Reception and Congress Dinner



Bodegas Septima, Maipu, Mendoza Province: Site of the Gala Reception and Congress Dinner

AASP-TPS Argentinian Asado/Evening Dinner: Friday, October 3rd

To truly appreciate and enjoy the Argentinian culture, an Argentinian Asado (Argentinian BBQ) dinner will be held on the Friday evening following the Incoming Board Meeting. This function would be held at one of Mendoza's most famous and historic Bodegas, FamiliaZuccardi. This Bodega specializes in serving an authentic Argentinian Asado beginning with appetizers (empanadas), through to various cuts of beef perfectly prepared on the hardwood parilla (bbq grill). Of course there will be excellent Zuccardi wines to enjoy with the great food. A bus will be provided to transport participants from the Congress center to the FamiliaZuccardi vineyard which is located in Maipu, approximately 40km outside of Mendoza. The costs for this event will be US\$95/person and will include all wine, food and transportation to/from the Sheraton Hotel. This event will be ticketed separately and must be purchased through AASP-TPS.



Bodegas Familia Zuccardi, Maipu, Mendoza Province



Bodegas Familia Zuccardi, Dining Room

Valle de Uco Wine Tour: Saturday, October 4th

A special wine tour will be scheduled for AASP-TPS participants, to the southern wine growing region of Valle de Uco. This area is famous for high-quality wines owing to the high altitude and unique growing conditions. The current itinerary is to visit three vineyards: Angelina Cellars, Bodegas Salentein (lunch), and Bodegas Domaine Bousquet. The fieldtrip will leave Mendoza at approximately 8:30AM Saturday morning, and will travel to Valle de Uco along the foothills of the Andean Cordillera to gain an overview of the local geology. The return trip will be through the historic city of Tupungato. We expect to arrive back in Mendoza no later than 5:30PM. The cost for this event will be US\$125/person including transportation, wine tastings, and lunch. This event will be ticketed separately and must be purchased through AASP-TPS.



The 47th AASP-TPS Annual Meeting Mendoza, Argentina Sept. 28-Oct. 4, 2014

REGISTRATION/PAYMENT FORM FOR AASP-TPS SPONSORED EVENTS

1. BUSINESS MEETING and SOCIAL EVENING

TUESDAY, SEPTEMBER 30TH, 2014 7:30 – 10:00PM

HOTEL HUENTALA, KITEK CAVA WINE CELLAR

COST: US\$50/Person

Number of People to Attend @ US\$50/person _____ = US\$ _____

2. ARGENTINIAN ASADO DINNER

FRIDAY, OCTOBER 3RD, 2014 8:30PM

BODEGAS FAMILIA ZUCCARDI, MAIPU

COST: US\$95/Person (includes transportation)

Number of People to Attend @ US\$95/person _____ = US\$ _____

3. WINE TOUR TO VALLE DE UCO

SATURDAY, OCTOBER 4TH, 2014 8:30AM – 5:30PM

COST: US\$125/Person (including transportation, wine-tastings, lunch)

Number of People to Attend @ US\$125/person _____ = US\$ _____

TOTAL AMOUNT TO BE BILLED: US\$ _____

Billing Information:

Name on Credit Card: _____

Credit Card Number: _____

Expiry Date: _____

Please fax this form with payment information to Thomas D. Demchuk at (832) 413-5161

This is a secure fax site. Your credit card information is safe. Please let me know if you have any questions at tdemchuk@swbell.net



DINO11: Bordeaux it is!!!

UPCOMING DINO11th in Bordeaux, France

The upcoming Dino11th meeting will be held in Bordeaux in 2017. After Tübingen, Egham, Zeist, Trondheim, and Liverpool, this town will thus be the 6th European metropolis (since 1978) to welcome dinoflagellate specialists from both the modern and fossil realms. Apart from its famous vineyards, Bordeaux is a strategic paleo(environmental) center with rapid access to internationally referenced geological sites (Aquitainian and Burdigalian strato-types, Campanian/Maastrichtian GSSP, K/T boundary, Quercy phosphorites, dinosaur tracks), and to aquatic ecosystems of exceptional interest (Bay of Arcachon, Gironde estuary, Bay of Biscay, Aquitain lakes...)

Collegially co-opted by the french “Dinos” community (see involved people below), and with the support of the APLF (Association des palynologues de langue francais), the host will be the EPOC laboratory from Bordeaux University. This lab (<http://www.epoc.u-bordeaux.fr/index.php?lang=en&page=accueil>) mixes micropaleontological and biological approaches to study modern and past environment evolution throughout times.

Involved people from the EPOC group (local organization): Frédérique Eynaud, Laurent Londeix (paleo-climatology team/ biostratigraphy and paleobiodiversity) & Yolanda Del Amo (Ecology and Biogeochemistry of Coastal Systems) with the help of Marie-Hélène Castera, Linda Rossignol & Jean-Louis Turon.

French partners:

- UMR CNRS/MNHN/UPMC 7207 Centre de recherche sur la paléobiodiversité et les paléoenvironnements, Université Pierre et Marie Curie (Edwige Masure)
- CNRS UMR 8217 Géosystèmes, Université Lille 1, UFR des Sciences de la Terre, 59655 Villeneuve D'Ascq cedex (Thomas Servais),
- Laboratoire Domaines Océaniques (LDO), IUEM, Place Nicolas Copernic, Technopôle Brest-Iroise, Université de Bretagne Occidentale, 29280 Plouzané (Aurélié Penaud),
- ECOSYM « Ecology of Marine Coastal Systems » Laboratory - UMR CNRS **Montpellier II University**, CC 093 – Place E. Bataillon – 34095 Montpellier cedex 05 (Mohamed Laabir),
- Observatoire Océanologique de Villefranche sur mer, **Université Pierre et Marie Curie, Laboratoire d'Océanographie de Villefranche, CNRS UMR 7093 -BP 28, 06234 Villefranche-sur-mer –France** (Rodolphe Lemée).

Frédérique Eynaud, Laurent Londeix



RCMNS Interim Colloquium

Regional Committee on Mediterranean Neogene Stratigraphy



25-28 September 2014
Torino, Italy

www.rcmns-turin2014.unito.it

The Mediterranean Messinian salinity crisis: from geology to geobiology

Scientific Topics

- Geobiology of the Messinian salinity crisis
- Badenian and Messinian salinity crises
- Lago Mare
- Tectonic, sedimentary and biological evolution of the Mediterranean during the Late Neogene
- Terrestrial systems

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Marcello NATALICCO-RO, Torino University
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Jean-Pierre SUC (France)
Lies VAN DEN HOOEK-OSTENDE (The Netherlands)

Venue
Natural Science Museum

The Mediterranean is a semi-enclosed basin, characterized by reduced exchanges with the open ocean, that is very sensitive to climate changes.

During the Messinian salinity crisis (MSC) (5.97 - 5.33 Ma), climate oscillations of different amplitude and periodicity were responsible for cyclic modifications of the hydrological budget of the basin, leading to the onset of extreme environmental conditions, both hypersaline and anoxic, in which only extremophile microbial communities were able to survive. This makes the MSC sedimentary record a natural laboratory for the investigation of the mutual relationships between short- and long-term climate changes and microbial activity in the geological past.

This Interim Colloquium will focus on the MSC sedimentary record, with emphasis on climate-microbes feedback during evaporite deposition.

Contributions from scientists interested on climate, biologic and geologic evolution of terrestrial and marine environments in the Mediterranean and Paratethys during the Late Neogene are welcome.

A two day post-congress field trip, focused on the Messinian succession of the Piedmont Basin, is planned.



Looking forward
to see you in
Torino!



Turin city



S. Carlo Square



La Reggia di Venaria Reale



Langhe landscape



Selection of Piedmont wines

A dedicated workshop will be organized in Torino before the RCMNS Interim Colloquium:

Morphology and Taxonomy of Lago-Mare dinocysts

[as a tool for the reconstruction of 1) paleoenvironmental changes in the Mediterranean area; 2) Atlantic-Mediterranean-Paratethys connections; 3) high resolution stratigraphic frame during the latest Messinian: see [Lago-Mare Session](#)]

Dinoflagellates are sensitive to environmental changes and their cyst morphologies may vary in response to environmental stress. Lago-Mare sediments are characterized by peculiar dinocyst assemblages including taxa showing Paratethyan affinities. Significant changes in the main hydrological parameters during the latest Messinian before the re-establishment of thalassocratic conditions at the beginning of the Zanclean, induced morphological variations in dinocyst which represents a complication for standard taxonomical applications.

The workshop will be focusing on "problematic" Lago-Mare dinocysts in order to provide for the distinguishably different morphotypes:

- morphological descriptions and iconographic documentation
- geographical and stratigraphical distributions.

Participants are encouraged to bring their own material for inspection under the microscope and for comparison and discussion.
The participation and contributions of colleagues working on recent materials of Asian seas is highly appreciated.

The participants to the workshop will be asked to contribute to a special publication/issue planned by the end of 2015.

Registration to workshop please contact: adele.bertini@unifi.it

WORKSHOP venue: Department of Earth Sciences, via Valperga Caluso 35 - Torino

Schedule: September 24, 2:00-6:00 pm

GSA 2014

19-22 October | Vancouver, BC, Canada



The Canadian Association of Palynologists (CAP) is sponsoring Topical Session T108: "Palynology in Geoarchaeological and Environmental Studies" at the Annual Meeting of the Geological Society of America to be held October 19 - 22, 2014 in Vancouver, British Columbia). It is being co-sponsored by both AASP- The Palynological Society and PS- The Paleontological Society, so I am hoping to see a diverse slate of speakers and audience, which the very broad scope of the session was intended to capture examining the application of pollen and non-pollen palynomorph analysis to archaeological and environmental issues.

The latter including topics as varied as natural hazard prediction through anthropogenic impact assessment.

Hope to see you at our session in Vancouver- the abstracts deadline is 11:59 p.m., Pacific Time, 29 July 2014 and the abstracts submission form is now "live" and can be found at <http://community.geosociety.org/gsa2014/science/sessions>.

Francine McCarthy, President, Canadian Association of Palynologists

Eastern UNCONVENTIONAL OIL & GAS Symposium 2014

The Eastern Unconventional Oil & Gas Symposium: EUOGS will address a broad range of upstream and downstream issues related to energy production from emerging resources. The Kentucky Geological Survey and Center for Applied Energy Research at the University of Kentucky are joining together to initiate an annual Eastern Unconventional Oil & Gas Symposium to be held November 5-7, 2014. Unconventional Oil & Gas relies on expertise from a number of disciplines, including:

- Upstream Side: horizontal drilling, fracture stimulation, regulations, water issues, pipelines, induced seismicity, geology, and related topics.
 - Downstream Side: impacted by issues with regulated utilities, natural gas vehicles, sustainability, environmental impacts, and other focus areas.
- Submitted Abstracts (1 to 2 pages) are due AUGUST 15, 2014.

The meeting will be held in Lexington, Kentucky at

the Hilton Lexington Hotel. It will open with a plenary session on Wednesday, November 5. There will be technical sessions on Thursday morning and afternoon as well as on Friday morning.

We are targeting an audience from, but not limited to, the oil and gas producing areas of the states in the northeast comprising the Appalachian, Illinois, and Michigan Basins. We are inviting you to save these dates, November 5 to 7, 2014, and consider joining us as a speaker for our technical sessions.

CALL FOR PAPERS – DUE August 15, 2014

More information can be found on the symposium website: <http://www.euogs.org/>

EUOGS Organized and Hosted by:

The University of Kentucky - Kentucky Geological Survey - <http://www.uky.edu/KGS/> and the University of Kentucky - Center for Applied Energy Research – <http://www.caer.uky.edu>



BOOK REVIEWER NEEDED!!!!

After 28 years as Book Review Editor, Reed Wicander is stepping down from this position and a new Book Review Editor needs to be found. The job entails requesting from the publishers review copies of books that the membership might be interested in, finding appropriate reviewers and sending them the review books, and finally sending the reviews in to the Newsletter Editor for inclusion in the Newsletter. Review copies of books are frequently sent to the Book Review Editor by the publisher, but if an AASP member is interested in reviewing a book, he/she needs only contact the Book Review Editor, who will then send off an official request to the publisher. After the book review is published, the Book Review Editor then sends a 'thank you' and copy of the review to the publisher. Reed will be glad to send whoever takes over this position his standard request form and 'thank you' letter. Reviewers get to keep the book that they review.



9th European Palaeobotany - Palynology Conference

Padova, August, 26-31, 2014

<http://www.geoscienze.unipd.it/eppc2014/index.html>

SECOND CIRCULAR

Padova is a charming and historically important city in northeast Italy. Attendants to the Congress will enjoy the beauty of Italian architecture during late summer evenings, and have a taste of the large variety of the excellent food and wines the region is famous for. All the scientific sessions will be held at the new Department of Geosciences. The Museum of Geology and Palaeontology will also be open for the public during the entire conference. The welcome party will be held in the old Botanical Garden, founded in 1545, a World Heritage site. It is the world's oldest academic garden that has its original location and scientific and architectonic features preserved.

PRELIMINARY SCHEDULE AND IMPORTANT DATES

August, 26	from 5 p.m. 7 p.m. – 9.00 p.m.	Registration at the Botanical Garden Welcome cocktail at the Botanical Garden
August, 27	9 a.m. – 12.00 2 p.m. – 6 p.m. 3 p.m. – 5 p.m.	Opening session (Palazzo Bo) Scientific sessions Padova city tour (for registered accompanying persons only)
August, 28	8.30 a.m. – 6.30 p.m.	Scientific sessions (Geoscience Department)
August, 29		Mid-conference fieldtrips
August, 30	8.30 a.m. – 6.30 p.m. 8 p.m.	Scientific sessions (Geoscience Department) Social Dinner
August, 31	9 a.m. – 1 p.m. 3 p.m. – 4 p.m.	Scientific sessions General Meeting and Closing Ceremony
August, 1–4		Post conference field trips

The program will be constantly updated; final schedule will be published on Conference website early August 2014

ORAL AND POSTER PRESENTATIONS

More than 530 abstracts were submitted for the 39 symposia ranging from general topics to the Palaeozoic, Mesozoic and Cenozoic palaeobotany and palynology and actual botany. A lot of symposia are related to the Quaternary and Archaeobotany, for which Italy is famous.

For the oral presentations a LCD data projector (beamer) and projection screen connected with a Windows PC is available. PowerPoint and Adobe Reader are the only presentation programs installed on the PCs provided. Any software not compatible with windows operating system and private PC will not be allowed. Unfortunately, we cannot offer 35mm slides projector facilities.

The time available for oral presentations is 15 minutes (12 minutes for the talk and 3 minutes for discussion), and for keynote speakers the time available is 30 minutes (25 minutes for the talk and 5 minutes for discussion). Please stay within your allotted time, as a matter of courtesy to other speakers and the audience, and to help us to synchronize timings across sessions for people who need to move between different symposia.

The poster sessions will occur on the same day as the associated oral session. The maximum sized poster that will fit on the board is A0 portrait. Poster sessions will run concurrently with the associated oral sessions but due to the high number of posters received we might be forced to rotate the poster display.

LETTER OF INVITATION – VISA

Participants who need an official “letter of Invitation” or a “letter of acceptance of the abstract” to present their institution they depend on may request it to congress@naturmuseum.it.

Participants who need an official “Letter of Invitation” for their visa application are encouraged to contact the Italian Embassy/Consulate in their country to get information about whatever formalities need be addressed to enter Italy and which form the request must have. Please provide to congress@naturmuseum.it as soon as possible the information what kind of invitation letter is needed for you to get your VISA.

Letters of Invitation do not represent a commitment to provide any financial support.

FIELD TRIPS

Two mid-conference-fieldtrips and 6 post-conference-fieldtrips have been proposed for the conference. Only one has been cancelled but in the others there are some spaces left. If you are interested in any of the field trips please check directly with the organizers of the single field trip if you can still join.

For the detailed program of the excursions please check the dedicated link <http://geo.geoscienze.unipd.it/eppc2014/trips.html>.

1MC. THE EOCENE FOSSILLAGERSTÄTTE OF MONTE BOLCA

2MC. THE QUATERNARY OF THE ITALIAN ALPS: VEGETATION, PALAEOENVIRONMENT AND CLIMATE

1PC. THE LATE CENOZOIC OF ROMAGNA, TUSCANY AND UMBRIA

2PC. THE PERMO-TRIASSIC OF THE DOLOMITES AND THE SOUTHERN ALPS

4PC. QUATERNARY VEGETATION HISTORY IN THE REGION OF ROME

5PC. THE FOSSIL PLANT RECORD OF SARDINIA

6PC. FOSSIL AND EXTANT PLANTS IN SEDIMENTARY AND VOLCANIC ENVIRONMENTS OF THE CAMPANIA REGION (SOUTHERN ITALY)

Tour n. 2MC (The Quaternary of the Italian Alps: vegetation, palaeoenvironment and climate) has a separate registration system and the deadline is **May, 30, 2014**. For information and registration for this tour please contact Roberta Pini at alpinequaternary@idpa.cnr.it

Tour n. 6PC (Fossil and extant plants in sedimentary and volcanic environments of the Campania region (Southern Italy)) has also a separate registration system and the deadline is **May, 30, 2014**. For information and registration for this tour please contact Antonello Bartiromo: antonello.bartiromo@gmail.com

GRANTS

We are very happy to announce that an amazing number of 14 students and PhD students are being supported by the IFPS, PalAss supports 4 students with travel grants while thanks to our sponsor Tassoni 9 grants have been possible to be granted for students or young researchers.

Thanks a lot to the **IFPS, PalAss and Tassoni** for this great help. Thanks to you we have been able to provide, thus 27 students, PhD students and young researchers with the financial help to join the conference.

The conference website is constantly updated with news and information: please check it regularly!

<http://www.geoscienze.unipd.it/eppc2014/index.html>

Organizing Committee

President: Edoardo Martinetto (University of Torino)

Vice-president: Guido Roghi (CNR-IGG, Padova)

Secretary and contact-person: Evelyn Kustatscher (Museum of Nature South Tyrol, Bolzano, and LMU, München): congress@naturmuseum.it

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Olimpia Coppellotti (Department of Biology)

Mariagabriella Fornasiero (Museum of Geology and Paleontology)

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Local Organizing Secretariat

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