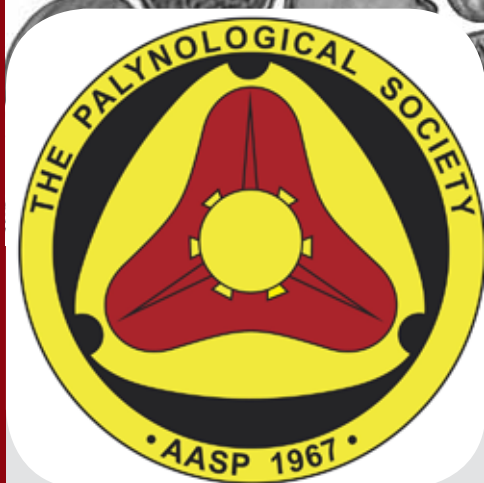
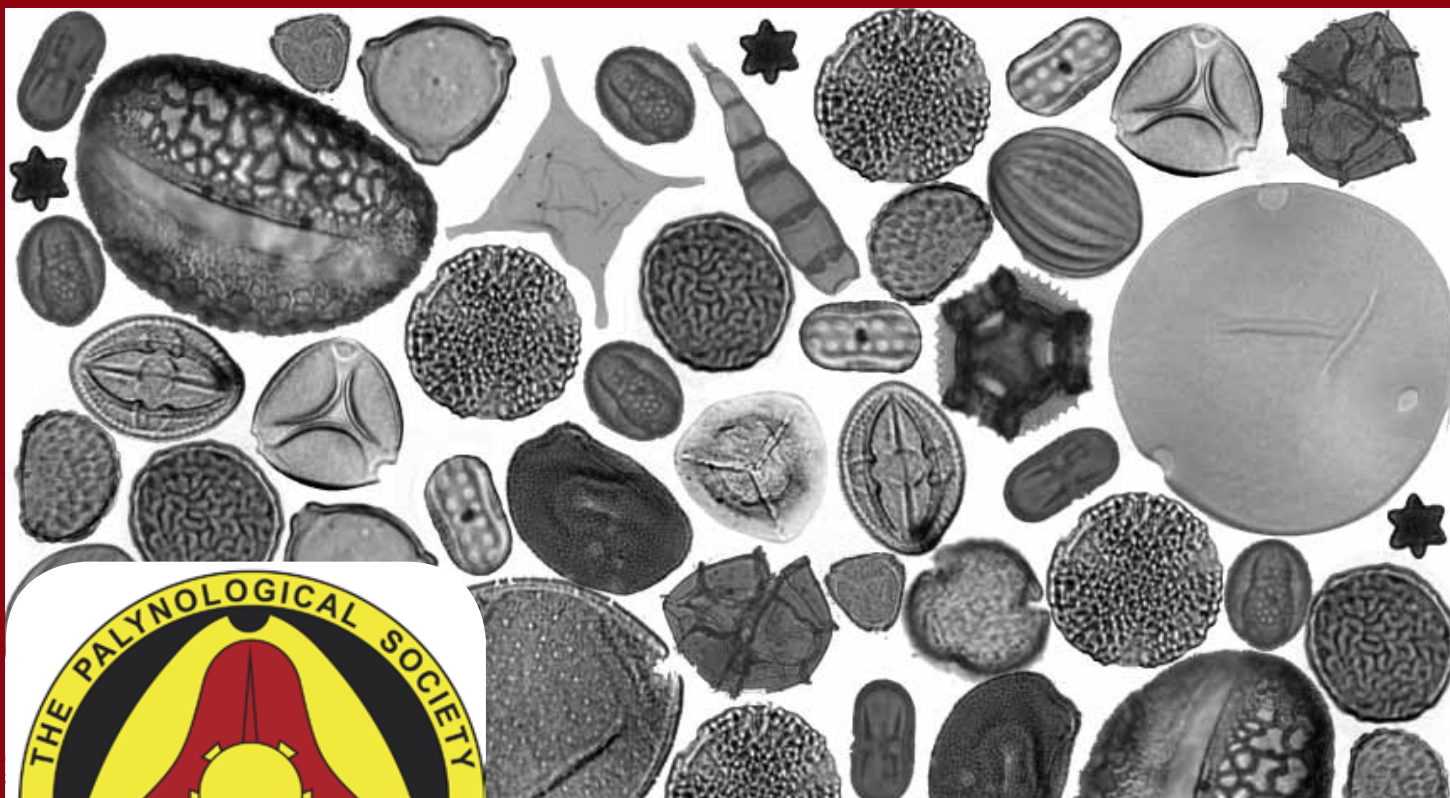


AASP - THE PALYNOLOGICAL SOCIETY

PROMOTING THE SCIENTIFIC UNDERSTANDING OF PALYNOLOGY SINCE 1967



Newsletter

December 2016

Volume 49, Number 4

Published Quarterly by AASP - The Palynological Society



AASP-TPS NEWSLETTER

Published Quarterly by AASP - The Palynological Society

December 2016 Volume 49, Number 4

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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 800 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* (triannually), 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)
Professor Vaughn M. Bryant (awarded 2016)

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 Aureal 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)
Professor Norman Norton (awarded 2016)

AASP Board of Directors Award recipient

Dr. Robert T. Clarke (awarded 1994)
Dr. Thomas D. Demchuk (awarded 2014)

Teaching medal recipients

Professor Aureal T. Cross (awarded 1999)
Professor Alfred Traverse (awarded 2001)
Professor Bill Evitt (awarded 2006)
Professor Vaughn M. Bryant (awarded 2013)
Professor Geoffrey Clayton (awarded 2016)

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)
Professor Reed Wicander (awarded 2014)
Professor Fredrick Rich (awarded 2016)
Dr. James B. Riding (awarded 2016)



AASP-TPS NEWSLETTER

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Jen O'Keefe, Editor

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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 **March 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

Nov 7th 2016

The festive season beckons but I find myself writing my first Presidents Newsletter on the eve of the US elections. I will be glad when it's finished – for those of you wondering I'm referring to both the election but more importantly my newsletter. Our 2016 Annual Meeting is now a memory; a successful memory and my thanks to Tom Demchuk, Jen O'Keefe, Joe Curiale, Thomas Gentzis, and Chris Denison for organizing a successful and financially successful meeting.

In my incoming comments I mentioned that as a society we must be more prudent financially. We have begun this by first looking into how much the society actually costs to run and not just for one year but over a number of years. Upgrading the website (now largely completed) was a major financial outlay which in the coming years, we must accrue enough budget to cover these costs. Once this has been ascertained we can begin to think about how much membership and/or conference fees must be to cover. We must not leave a negative financial legacy for the future. Good news was that the conference in Houston made money for the society; it is anticipated that Nottingham will as well. As part of our ongoing financial scrutiny we are also proposing changes to the board.

It is proposed that we increase the term of a President from one to two years. Relax! I will only be president for a year, but if the proposal highlighted on pages 8-9, which was approved unanimously by the board, is (hopefully) approved by the membership, future presidents from Gunn onwards will serve 2 years, having been President-Elect for one year and then being Past President for one year. Presidential elections will take place every 2 years. In this way, when a new President takes office in year 1, the previous President will become Past-President (no President-Elect). In year 2, the past-president departs, being replaced by a president-elect and so on. There are a number of advantages to this. First presidents will serve 2 years, allowing them a better grasp of the society's challenges and more time to make and action a strategy. Secondly, it reduces the number of board members by one. As board members receive travel expenses for the annual conference, this further helps to reduce costs.

I hope the above makes sense but I see this change as being critical to the ongoing health and success of the society. Please, when the ballot arrives vote yes for this change. At this point, I have realised that I'm starting to sound like a politician. Time to move on.

On a sadder note, I regret to inform you that William Chaloner passed away on October 13, 2016. An obituary of his life and many achievements will be published in a later newsletter. Our condolences pass to his wife Judith and their three children.

Finally, I hope you all have a peaceful and happy festive season.

Best Wishes

Iain Prince
Houston, USA



MANAGING EDITOR'S REPORT

MANAGING EDITOR'S REPORT

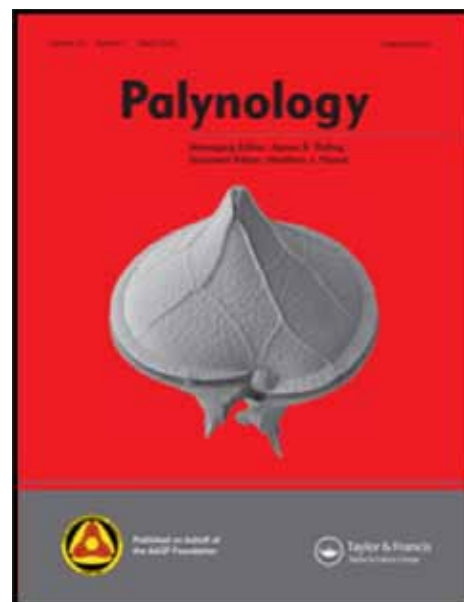
Palynology Volume 40, Part 3 has just been published online and in print. All paid-up members should by now have received their copies. Part 3 of course completes up this volume. The eight papers and one obituary are listed below. One of the highlights is an excellent article on the Eagle Ford Group (Upper Cretaceous) of west Texas by Paul Dodsworth.

This means that the next mailing will be parts 1 and 2 in May next year. The majority of the papers are finalised; those slated for Part 1 are listed below. Part 1 will be the last one in the current format as Taylor & Francis are moving to a new layout called *Interact* at the start of Part 2. *Interact* has been designed so as to be more easy to read on a screen. It is unfortunate that a fairly major format change will occur within a volume but this cannot be helped. Also next year we expect two supplements to be published, one a memorial volume for Gordon Wood and the other a thematic set of papers on the dinoflagellate genus *Spiniferites*. These projects are both well advanced in terms of the editorial process.

I am delighted to report that Niall Paterson of the University of Bergen in Norway has become an Assistant Editor of *Palynology*, and Encarni Montoya of the Institute of Earth Sciences Jaume Almera, Barcelona, Spain has agreed to join the Editorial Board. Welcome Niall and Encarni! Another change is that our current Production Editor at Taylor & Francis, Joanna Perry, will be moving on in mid-November. She will be replaced by Josie Brown.

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1st November 2016



The contents of Palynology Volume 40, Part 3 (November 2016)

1. Mangerud, G., Vigran, J.O., Bjørlykke, K. and Riding, J.B. A biography and obituary of Svein B. Manum (1926–2015). pp. iii–x.
2. Weinstein-Evron, M. and Chaim, S. Palynological investigations of tenth- to early ninth-century BCE beehives from Tel Rehov, Jordan Valley, northern Israel. pp. 289–301.
3. Castillo-Cárdenas, M.F., Sanjur, O. and Toro-Perea, N. Differences in sculpture and size of pollen grains: new morphological evidence of diversification in *Pelliciera rhizophorae*, an ancient Neotropical mangrove species. pp. 302–307.
4. Fagúndez, G. Botanical and geographical characterisation of honeys in Diamante, Entre Ríos, Argentina. pp. 308–321.
5. Jan, F., Schüller, L. and Behling, H. Vegetation and pollen along a 200-km transect in Khyber Pakhtunkhwa Province, northwestern Pakistan. pp. 322–342.
6. Agić, H. A new species of small acritarch with a porous wall structure from the early Cambrian of Estonia and implications for the fossil record of eukaryotic picoplankton. pp. 343–356.
7. Dodsworth, P. Palynostratigraphy and palaeoenvironments of the Eagle Ford Group (Upper Cretaceous) at the Lozier Canyon outcrop reference section, west Texas, USA. pp. 357–378.
8. Foster, C. and Wicander, R. An Early Ordovician organic-walled microphytoplankton assemblage from the Nambett Formation, Canning Basin, Australia: biostratigraphic and paleogeographic significance. pp. 379–409.
9. Schiøler, P. *Bianchina hieroglyphica* gen. et sp. nov., a new dinoflagellate cyst with a unique archaeopyle type and ornament from the mid-Cretaceous of the East Coast Basin, New Zealand. 411–417

Papers to be published in Palynology Volume 41, Part 1 (online February 2017)

1. Adeonipekun, P.A., Sowunmi, M.A. and Richards, K. A new Late Miocene to Pleistocene palynomorph zonation for the western offshore Niger Delta.
2. Quamar, M.F. and Bera, S.K. Pollen records related to vegetation and climate change from northern Chhattisgarh, central India during the late Quaternary.
3. Kutluk, H. and Hills, L.V. Megaspores from the Upper Cretaceous (Campanian) Horseshoe Canyon Formation of south-central Alberta, Canada, with a review of the genera *Costatheca* and *Spermatites*.
4. Haselwander, R.D. and Oboh-Ikuenobe, F.E. Preliminary observations on the preservation of organic-walled algae in shallow, freshwater lakes from south-central Missouri, USA.
5. Zavialova, N. and Karasev, E. The use of the scanning electron microscope (SEM) to reconstruct the ultrastructure of sporoderm.
6. Ibrahim, M.I.A., Zobia, M.K., El-Noamani, Z.M. and Tahoun, S.S. A review of the angiosperm pollen genus *Cretacaeiporites* Herengreen, with one new species from the Upper Cretaceous of Egypt.
7. O'Keefe, J.M.K. and Wymer, C.L. An alternative to acetolysis: application of an enzyme-based method for the palynological preparation of fresh pollen, honey samples and bee capsules.
8. Kiared, G. (Ould-Amara), Bessedik, M. and Riding, J.B. The aeropalynology of Es Sénia airport, Oran Province, north-west Algeria.
9. Basumatary, S.K., Narzary, D. and Brahma, M. A comparative palynological study on butterfly mud puddling localities and surface forest samples: a case study from northeast India.

Proposed By-Law Changes

The following changes to Articles Four and Five (in boldface+underline) to the by-laws were passed by the incoming board of directors during the 2016 Annual meeting. Changes to Article Six were passed by the board during the 2014 midyear meeting and mistakenly not brought for vote during the 2015 ratification process. Only those portions of the by-laws containing changes are printed for review. Please read them carefully. A vote will be held to ratify the proposed changes concurrent with the 2017 election of officers, July 15 - August 15, 2017. You will be presented at that time with the option of ratifying the changes and choosing not to select a president-elect OR choosing not to ratify the changes and electing instead a new president-elect. Should they be ratified, the changes will take effect at the incoming board meeting to be held during the 2017 annual meeting.

ARTICLE FOUR BOARD OF DIRECTORS

Numbers and Tenure

4.02 The number of Directors shall be eight. Each Director shall hold office until his or her successor shall have been elected and until the next annual meeting of the members. The newly constituted Board of Directors shall take office at the end of the annual business meeting provided for in Article 3.01.

ARTICLE FIVE OFFICERS

Officers

5.01 The officers of the corporation shall be a President, President-Elect*/Past-President*, Secretary, Treasurer, Managing Editor, and three (3) Directors-at-Large, all eight of whom shall be members of and constitute the Board of Directors.
***The board will be represented by only one of the President-Elect or Past-President at a time. These will be in alternate years as outlined in Articles 5.04, 5.05 and 5.06.**

President

5.04 **The President's term will run for two (2) years and be preceded by a one year term of President-Elect and succeeded by a one year term of Past-President.** The President shall be the principal executive officer of the corporation and shall in general supervise and control all of the business and affairs of the corporation. He or she shall preside at all meetings of the members and the Board of Directors. He or she may sign, with the Treasurer or any other proper officer of the corporation authorized by the Board of Directors, any deed, mortgages, bonds, contracts, or other instruments which the Board of Directors have authorized to be executed, except in cases where the signing and execution thereof shall be expressly delegated by the Board of Directors or by these by-laws or by statute to some other officer or agent of the corporation; and in general he or she shall perform all duties incident to the office of President and such other duties as may be prescribed by the Board of Directors from time to time. He or she shall further appoint committees as provided in these by-laws. He or she shall with the concurrence of the Board of Directors appoint an Audit Committee of at least 2 members in good standing to review the Association's financial accounts no less frequently than every other year. This Audit Committee will report their findings at the next scheduled Board of Directors Meeting following the said audit.

President-Elect

5.05 The President-Elect shall be the Recording Secretary at all meetings of the corporation, and is responsible for distribution of the minutes to the Directors. In the absence of the President, the President-Elect shall perform the duties of the President, and when so acting shall have all the powers of and be subject to the restrictions upon the President. The President-Elect shall perform such duties as from time to time may be assigned to him/her by the President or Board of Directors. Further, if the office of President is vacated, the President-Elect shall become President for the remainder of that term. The President-Elect will succeed to the presidency. **A President-Elect shall be elected in time for the one year period in which the current President is in their second year in position. During this period, there will not be a Past-President on the Board of Directors.**

Past-President

5.06 The Past-President shall **assume the responsibilities of President-Elect as outlined in Article 5.05 in terms when no President-Elect is in office. These years should coincide with the first year of a President's first year in office.** The President will succeed to the office of Past-President.

ARTICLE SIX

Permanent Committees

6.06 The following committees are permanent committees established by these by-laws and are to be conducted within the following guidelines:

a. Nominating Committee

1. The Nominating Committee shall consist of **three** members in good standing, at least **one** of whom **is** not **a** current corporation officer or officer of AASP Foundation.





Report on Houston 2016: A Joint Meeting of TSOP-ICCP-AASP September 16-24, 2016

Over 170 attendees participated in the five day historic joint meeting of these three societies. The venue for this meeting was The Magnolia Hotel in downtown Houston. The meeting organizers included Dr. Thomas Gentzis (Core Laboratories, Houston), Dr. Jen O'Keefe (Morehead State University, Kentucky), Dr. Joe Curiale (Consultant, Houston) and Dr. Thomas Demchuk (RPS, Houston). This is the first time these three specialty geology and botany societies gathered together to discuss various aspects of palynology, organic petrography and organic geochemistry.



The meeting started on the Friday prior to the technical sessions with a 2+ day fieldtrip to the Eagle Ford Formation outcrops of west Texas. The Eagle Ford is a world-class unconventional/source-rock reservoir play in south-central Texas. The fieldtrip was organized and led by Barry Wawak and Thomas Gentzis (Core Laboratories, Houston). Twelve people took part in the fieldtrip.

Saturday prior to the formal start of the meeting was a full-day Short Course by Dr. Richard Tyson (Getech, UK): the course was entitled, "Integration of Microscopy and Geochemistry in Petroleum Source Rock Evaluation." Nearly 60 scientists attended the course that was held in classroom fashion at the Hotel. The following Sunday was a full day of registrations, and Board Meetings for both ICCP and TSOP.



The five-days of technical sessions were divided into several Theme Sessions and Symposia for TSOP and AASP, as well as concurrent research sessions for ICCP and their Working Groups. Several high-profile invited Keynote Speakers started each of the technical sessions. The highlight of the week was a full-day Symposium on Wednesday, "Multi-modal Characterization of Source Rocks, including Source-Rock Reservoirs." Throughout the week, session topics revolved around the integration of palynology, organic petrography, organic geochemistry and other aspects of sedimentology and stratigraphy. During the course of the week, over 140 abstract submissions resulted in a full schedule of very high-quality oral and poster presentations.

To facilitate discussion around the poster sessions, Happy Hours were held on both the Tuesday and Thursday. Beverages and finger food were provided to promote activity and talk around the posters. The Icebreaker was held on the Monday with discussions and renewed friendships continuing well into the late evening hours.



A Conference Dinner was held on the Wednesday evening at the nearby Sambuca Restaurant, a venue in downtown known for its excellent live music scene. Along with dinner, awards were presented for the TSOP Best Student Paper to Dane Synnott (University of Calgary), and AASP-TPS presented a Distinguished Service Award to Dr. Fred Rich. The Friday brought the end of the technical sessions, as well as the Incoming Board Meeting for AASP-TPS and the final closing remarks from ICCP.

Over the course of the meeting and at the Business Luncheons, several awards were presented recognizing significant contributions to organic petrography and palynology. At the TSOP Business Luncheon on Tuesday, the John Castaño Award was presented to Dr. Joe Curiale for his service and dedication to TSOP and to the sciences of organic petrography and geochemistry. Fifty people participated in the luncheon to honor Joe, to enjoy the festivities, and to hear about the upcoming meeting to be held in Calgary next year.



The AASP-TPS Business Luncheon on Friday allowed for the recognition of several in the palynology scientific community. The Medal for Scientific Excellence was presented to Dr. Vaughn Bryant, the Medal for Excellence in Teaching was presented to Dr. Geoff Clayton, AASP-TPS Honorary Membership was presented to Dr. Norm Norton, and Distinguished Service Awards were presented to Dr. Jim Riding. All of these recipients were more than worthy of these awards and achievements for their contributions to the society and science.

Houston 2016: A Joint Meeting of TSOP-ICCP-AASP



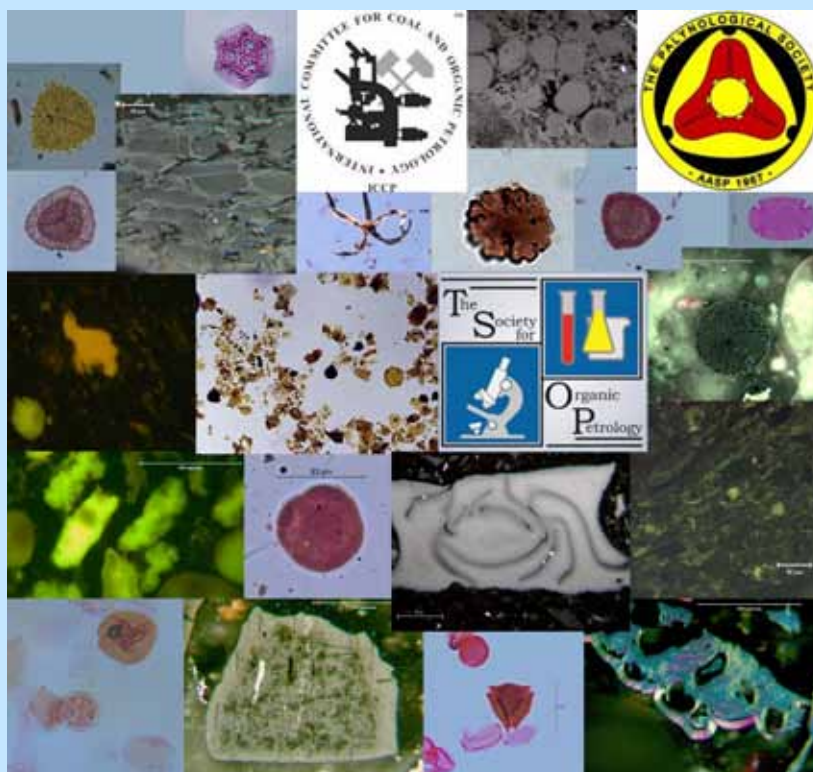
September 16-24, 2016

The AASP-TPS L.R. Wilson Best Student Paper was presented to Vera Korasidis (University of Melbourne) for her presentation, “Cyclic Floral Succession and Fire in a Cenozoic Wetland/Peatland System;” Alexander Wheeler (University of Queensland) received an honorable mention for his presentation, “Palaeoenvironmental and paleoclimatic signatures of Gondwana’s deglaciation recorded in palynofacies patterns of the Witbank and Highveld coalfields (South Africa).”



Saturday saw over 30 participants enjoy the fieldtrip to the Paleocene-Eocene outcrops of southwest Texas. The fieldtrip was led by Dr. Chris Denison and Dr. Jen O’Keefe, and investigated these significant outcrops whose time-correlative strata are important exploration targets in the deepwater Gulf of Mexico.

The Organizers would like to thank all those who participated in the meeting, whether through the submission of an abstract, or simply being part of the overall experience renewing friendships and participating in discussions. The meeting was a great success, well beyond the expectations of the Organizers. We look forward to seeing everyone either at next year’s TSOP meeting in Calgary, Canada, AASP-TPS meeting in Nottingham, UK, or ICCP meeting in Bucharest, Romania.



In Memoriam...

Bill Braham: A Tribute from Bill's Friends 1957-2016



Bill was born on the 8th January 1957 in Royston, Barnsley, in his beloved Yorkshire. He died on the 15th July 2016 at the age of 59. He loved books, geology, history and beer, not forgetting Hodder's pork pies of Barnsley, and he was one of the funniest and most intelligent men you could hope to meet, a gentleman, a real one off.

Bill was educated first at Royston Junior Boys School and then Normanton Grammar School. He joined the air cadets (Bill loved military history) and learned to play the trumpet (after a fashion). At Normanton, Bill was taught by a physics teacher called Palmer. Palmer used to demonstrate his authority to a class by calling troublemakers to the front, giving them a wooden spoon and telling them to stir a litre of water with enough energy to make the temperature rise by 1°C. This is an impossible feat due to the heat lost by radiation convection and conduction. The majority of students ended up stirring the water until the end of the lesson, but Bill, telling Palmer why it was an impossible task, was let off.

Bill studied geology at Southampton University from 1975 to 1978 and when he graduated he went on to work as a mudlogger on oil rigs in the North Sea and the Nile Delta, progressing as he said to the dizzying height of "Bill Braham – Unit Manager."

In 1981 his company Gearhart sent Bill to Sheffield University to study for an MSc. in palynology. He worked on the amorphous and sticky mass of muds which is the Speeton Clay, a place where he didn't lose his boots to the mire but reckons to have lost his mind. On completion of his MSc. Bill moved to Aberdeen, which in 1982 was still in the early days of North Sea oil exploration.

Bill spent 34 years working as a palynologist, first with Gearhart in Aberdeen, and later with Paleoservices in Aberdeen and then in Watford, before setting up as a palynologist as part of Kronos consultants in 1994 and as an independent consultant from 2004. Initially most of his work was concentrated on the Jurassic and Cretaceous palynology of the North Sea, but he later expanded this to include the Tertiary and Palaeozoic in Europe, Asia, North Africa and the South Atlantic. This work included wellsite monitoring, bio-steering and overpressure deduction on numerous onshore and offshore rigs, work which he greatly enjoyed.

Latterly he became a go-to palynologist for the Tertiary of Eastern Europe and the Black Sea, an area that also appealed to his fine sense of history. He also did reconnaissance geological field work on the Devonian in the Falkland Islands. Although mostly somewhat larger than life he was a great trooper in the field. Bill would often remember the experience of consuming hard boiled penguin eggs, with the local advice being to cover them in so much vinegar that you were unable to taste them.

He spent some time assisting in the field with geology classes for Fareham students and expanded his work to academia with CASP, the Cambridge applied research group. Much of his work in the later part of his life was conducted from his home in Hemel Hempstead, analysing slides, writing reports and participating in an ongoing battle with DHL who kept delivering his parcels to either the wrong address or to a seemingly random depot, something that would drive him up the wall.

Bill had a passion for real ale and he was a long time member of CAMRA (the Campaign for Real Ale). This wasn't a problem in Southampton or Sheffield, but in 1982 there were only a couple of pubs in Aberdeen that served decent beer, and we used these a lot. In those days, Friday afternoon was telex afternoon when we would give an updated biostrat report

to companies on their drilling/just completed wells. That always had to be preceded with a visit to Dyce's only real ale establishment "The Runway" for a pint of Alford Ale and a plate of stovies, inevitably followed by some careful checking of well breakdowns and company telex numbers.

Bill often said if he opened a pub it would sell only real ale and whiskey, none of those namby pamby soft drinks for Bill. A couple of his favourite quotes were "I never met a pint I didn't drink" and "show me a man who doesn't drink and I'll show you a man who doesn't use his liver."

A big part of Bill's life was his passion for history. This was extensive, covering everything, but he had a particular love of the English Civil War, reading books on every aspect and every fine detail. A visit to a battle site with Bill was a revelation, a history lesson that brought a muddy field to life. A trip to Khartoum in Sudan allowed him to explore the sites where General Gordon came a cropper, combining history with some commercial stratigraphy.

This passion for history also led to a house which was so full of books you could hardly move. Bill was happy to spend hours in second hand bookshops and would always leave with a few books. He often had two or three copies of the same book, sometimes because he'd found a better copy or more recent edition, but as often as not because he'd simply forgotten he'd got it in the first place. These books he'd read from cover to cover, often re-reading just in case he'd missed something.

Everyone who knew Bill comments on his incredible humour. This was dry and acerbic, and Bill had a great sense of the absurd, with a talent of getting something funny out of almost any situation. He used to say in a very serious way "never boil your cabbages twice." He claimed this is an old Yorkshire saying, but when asked about it he just burst out laughing and said he had no idea what it was supposed to mean. That was so typically Bill.

- Dave Shaw and many other contributors



In Memoriam...

Jack Donald Burgess: Award-winning Early Member of AASP-The Palynological Society

1924 - 2016

Jack Donald Burgess passed away on April 6, 2016 in Dallas, Texas. Jack had a long career in palynology, petrology, and organic geochemistry spanning approximately 60 years.

As a young man, he joined the Merchant Marines (1941-1945), and from there moved to the University of Illinois, where he completed a degree in geology with a minor in botany in 1949. From his graduation through completion of his MS, he worked as summer intern and field geologist for the Oliver Mining Division of U.S. Steel and the Northern Pacific Railroad in WY. In 1955 he earned a master's degree from the University of Missouri majoring in geology. He spent a short time with Gulf Oil and the Jersey Production Research Company before joining Carter Oil Company in 1957. This company later became Humble Oil and later still Exxon and ExxonMobil as it is today. Jack established a palynological laboratory in Denver for their Rocky Mountain operations.

In 1967 he transferred to the Humble Oil & Refining Company research center in Houston where he established the first vitrinite reflectance laboratory at a major oil company. With the laboratory in place, Jack initiated research into study of particulate organic matter and its thermal maturity as it related to oil and gas fields. He also developed an organic matter classification scheme most of which is in use today.

Jack joined Gulf Research & Development Co. in Houston in 1969. This appointment took him from Houston to Colombia, Pittsburgh, and Nigeria, among other places; Jack loved to travel. During his tenure at Gulf he established two source rock geochemistry laboratories, one in Houston and a second in Nigeria, and following the merger with Chevron became a Geochemical Coordinator at Chevron in Houston.



Jack during his time in the Merchant Marines (age 19).



Jack hiking during field work in Colombia.

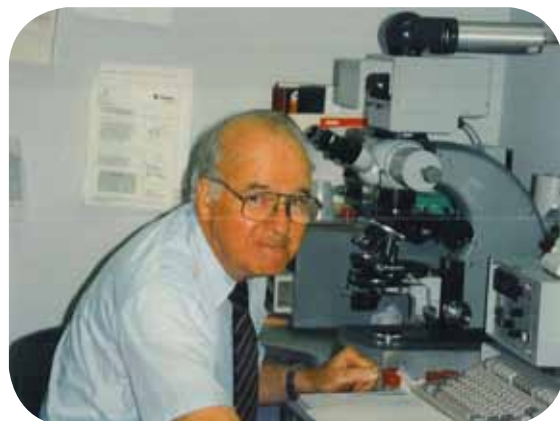


Jack in Nigeria

Upon his first retirement, Jack joined Humble Geochemical Services in 1992, where he established yet another laboratory specializing in kero-gen preparation, vitrinite reflectance, and visual kero-gen studies. He was an active scientist right up until his second and final retirement in 2006.

Jack joined AASP in 1968 and attended the second annual convention at the Pennsylvania State University, where he presented work on “Paly-nological Interpretation of Frontier Environments in Central Wyoming.” This work would later become his first two publications in palynology: Burgess, 1970 and Burgess, 1971.

Jack’s service to AASP began early in his membership, and over the span of 15 years he chaired or was a member of many committees, including the nominating, ballot, publicity, annual meeting guidelines, nominating committee guidelines, and the constitution and by-laws committee. He was a councilor in 1975-76 before taking office as secretary-treasurer from 1976-78. He served as president in 1978-79, and as Director-at-Large in 1979-80. During his time on the board he negotiated placement of AASP’s permanent ar-chives with the Hunt Institute of Botanical Documentation, where they remain today. Jack was an organizer and conve-ner of the Symposium of Thermal Maturation of Organic Materials as related to Hydrocarbon Generation and Migration in 1974 and chaired a very successful Organic Maturation Symposium during the 1975 annual Meeting in Houston, meld-ing his interests in palynology and organic petrography. Following his service on the board, he was instrumental in the success of the first AASP meeting outside of North America, in Dublin, Ireland. For these and other accomplishments, Jack received a Distinguished Service Award in 1982.



Jack at his Microscope at Humble Geochemical Services.



Jack at a Humble Geochemical Services display in the early 2000’s.

Jack’s service to science extended well beyond AASP. He was a member of the organizing committee for what would become The Society for Organic Petrology (as well as a founding member), and later served as President of that organization from 1988-89. In 2004, Jack received TSOP’s John Castaño Award. He also taught coal petrology at the University of Pitts-burgh and was an invited lecturer at the Symposium on Biostratigraphy and Laboratory Standards in Stavanger, Norway.

Beyond scientific pursuits, Jack was an avid woodworker and toymaker, donating to many charitable events for fundraisers. He was a long-time public library board member, serving as secretary, president, and ‘honorary member’ of the Fort Bend, Texas County Library. He was an accomplished book binder and restorer, and restored many rare books for Rice University in Houston. He enjoyed good music, and often seen at the opera, plays, and musicals.

Jack is survived by his beautiful wife of over 63 years, Elaine Ragan Burgess, and two wonderful daughters, Jami and Sandra. Jack was old school, very dignified and honorable as was his life and career. As the TSOP Castaño Award reads “Jack Burgess is a man of many interests and his enthusiasm for earth science, microscopy and geochemistry is widely known and has influenced many people.”

- Dan Jarvie

Applied Palynology Short Course at The University of Queensland

The University of Queensland, Brisbane had the privilege of hosting Prof. Annette E. Götz from Keele University to teach a short course in the methods and applications of palynology and palynofacies to enhance our understanding of deep time.

While the use of palynology for biostratigraphic purposes has a long history in Australia, palynofacies analysis represents a technique which can be used to study the extensive Phanerozoic coal and sedimentary deposits of Australia in greater detail.

A series of lectures on the 11th of November provided an introduction to palynology for geoscientists from government, industry and academia. A more intense course from the 14th to the 16th of November gave participants a chance to analyse palynofacies slides from Permo-Triassic sections of the northern and southern hemisphere. Interpretations of the data allowed for insight into sequence stratigraphic applications, facies identification, and environmental and climatic reconstructions at a high time resolution. Finally a series of case studies highlighted the need for palynological studies in Australia to be incorporated into global correlation schemes and palaeoenvironment and palaeoclimate models.

Many thanks go to Prof. Joan Esterle and The University of Queensland for organising and hosting the course and to the Geological Society of Australia's Coal Geology Group who kindly provided sponsorship.

- Alex Wheeler



Participants from the 3-day applied palynology short course. From left to right: Alex Wheeler, Laura Phillips, Astrid Hentschel, Annette Götz, Sue Faulkner, Jennifer Cooling, John McKellar, Jesse Vitacca, Deng Dekuek, Joan Esterle, Brett Pidgeon, and Valeria Bianchi.

Report on the XIV IPC / X IOPC

Palaeobotany and Palynology: towards new frontiers

XIV International Palynological Congress - X International Organisation of Palaeobotany Conference, Salvador, Brazil 23rd – 28th October 2016

AASP-The Palynological Society was very well represented at the recent IPC in Salvador, Bahia, Brazil. Many members gave presentations, and were present to support our, sadly unsuccessful, bid to host the next IPC/IOPC.

The meeting opened on Sunday evening with traditional Brazilian music followed by drinks and canapes. Whilst the conference *senso stricto* began bright and early on Monday morning with four parallel sessions running from 08:30- ca. 18:00. This did mean it was impossible to catch everything of interest, but the diversity on offer allowed for a wonderfully eclectic and thought provoking week. Some of the highlights of Monday included the session on Methods in Palynology and Palaeobotany, in which Barry Lomax presented on the chemical uses of sporopollenin for environmental information and Oeggli Klaus demonstrated a novel method for detecting inter-annual pollen variability in ice cores. The daylong session on long-term vegetation, climate and fire dynamics in the tropical and subtropical ecosystems contained an excellent selection of Quaternary palynology presentations including Nick Loughlin's PhD on Late Pleistocene records from Ecuador and Macarena Cárdenas' pre-Colombian land use vs climate in *Araucaria* forests. For those after a deeper-time session the Paleozoic to Cenozoic floras from Gondwana, and the Mesozoic palynology and botany sessions covered a broad array of fossils as well as a lot of temporal ground. Nick Wiggan talked about his PhD resolving the Bajocian dinoflagellate radiation and Sam Slater presented the results of his PhD on the Jurassic palynology of Yorkshire.

Tuesday opened with equally strong diversity: forensic palynology in one room; Ecological insights from Quaternary palynology in another; plant origins from palynology in yet another; and more Mesozoic palynology and palaeobotany in the fourth! The conference photo (fig. 1) then took place in the coffee break, which led to a near revolt from the conference attendees when the hotel thought we didn't want any coffee that morning! Thankfully our excellent organisers and local support team resolved any language barriers that may have led to potential caffeine crankiness and had the black gold served promptly. Which was very important considering how good Brazilian coffee is!



Fig. 1) The group photo of the delegates. The author thinks he was somewhere near the back...

Wednesday started bright and early with the IFPS council meeting, before the start of the program. Key sessions of Wednesday included an early morning pollen/spore morphology session; a terrestrial response to the Triassic-Jurassic boundary session; Quaternary palynology and botany; and an entire afternoon on NPPs! The evening then progressed from the poster session into the congress dinner, which one anonymous palynologist described as: “one of the booziest conference dinners I have ever partaken in. They wouldn’t let my glass go below half-full!”

Thursday was a day of sore heads and more great science. Sessions on melisopalynology, a CMIP sponsored session on frontiers in Palaeozoic palynology and a session honouring 100 years after Lennart von Post started the day. With afternoon sessions including a Past Earth Network sponsored event on Pliocene palynology and palaeoclimates and a Saudi Aramco sponsored symposium.

The concluding conference day continued the diverse nature of the conference with separate general sessions on Palaeozoic and Cenozoic palynology and botany and more specialist sessions Eocene palaeofloras, palynology of Amazonia and a PAGES LandCover6k session on Holocene land-cover reconstructions for climate modelling. The conference then closed with a wonderfully brief set of speeches, much applause for our wonderful hosts and a final drinks reception with live music. South American palynologists have much better rhythm and dancing than many northern hemisphere counterparts.

Overall, an excellent meeting. Many new ideas and contacts, friends and colleagues caught up with and enough vitamin D to survive the coming dark, damp UK winter. The next IPC will be hosted by Prague in 2020, again joint with the IOPC and I’m sure it will be just as fantastic as Salvador!

- Matthew Pound, Northumbria University



Fig. 2) The view from the hotel!

Fig. 3) The famous elevator to the historic centre of Salvador.



SOCIETY AWARDS

Martin Farley, Awards Committee Chairman

AASP-TPS has a number of awards that recognize accomplishments of palynologists. Here I deal only with awards not directly associated with society officers or students (other than the Undergraduate Awards) 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 third 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 19 recipients of this award, most recently Fred Rich and Jim Riding in 2016.

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 16 individuals, most recently to Norm Norton in 2016.

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 Geoff Clayton in 2016.

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 Vaughn Bryant in 2016.

Undergraduate Student Awards

In order to support the teaching of palynology at the undergraduate level, and to encourage and reward student achievement, AASP-The Palynological Society offers 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.

The following institutions already have approved courses from which undergraduate students may be selected: University of Southampton, Louisiana State University, University of Tennessee-Knoxville, University of Portsmouth, Morehead State University, and Trinity College Dublin.

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 Format found below. This should be cut-and-pasted into a word document and sent to the awards committee chair at: mbfarley@sigmaxi.net. 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 by sending the name, address, and email address of the recipient to the Awards Committee Chair. Additionally, faculty must send the name of the winner, a paragraph about their achievements, and a photograph to the newsletter editor (palynologylexington@gmail.com) for inclusion in the June newsletter each year.

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

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:

Criteria used to determine the winning student:

Date:

2017 AASP STUDENT RESEARCH GRANTS

The Society will entertain applications for Student Research Grants with a deadline of:

March 31, 2017

This year there will be three grants of US\$3000 each, two regular Student Research Grants and the McNeilly Student Research Grant.

AASP is pleased to announce that through the generosity of a donation by Juanita McNeilly to honor the memory of her late husband, Roy McNeilly, there will be a McNeilly Research Grant to support student research in Cenozoic tropical palynology. For the purposes of this Grant, Cenozoic tropical palynology covers student projects that address any scientific question using terrestrial palynomorphs or terrestrial with marine palynomorphs.

In addition, AASP offers two Student Research Grants to support research in any area of palynology. Ordinarily, the grants will be offered to beginning graduate students, but advanced undergraduates may also apply. Student Research Grants are to be used for costs directly connected to carrying out research, such as fieldwork and laboratory expenses. The qualification of the student, the originality and imagination evident in the proposed project, and the likelihood of significant contribution to the science of palynology are factors that will be weighed in the selection of award winners. Previous winners of this award are eligible only if they are pursuing a different degree than the one they were pursuing when they received the previous award.

AASP Student Research Grants are available to all students of palynology in all countries and these students need not be members of AASP.

Application forms can be downloaded from our website at <http://www.palynology.org/student-support>. Inquiries and completed application materials should be sent electronically to the Chair of the AASP Awards Committee:

Martin Farley

Dept. of Geology & Geography, University of North Carolina at Pembroke

mbfarley@sigmaxi.net

ADVICE ON PREPARING AN EFFECTIVE APPLICATION FOR AN AASP STUDENT RESEARCH GRANT

The single most valuable piece of advice is “know and write to your audience.”

You have only a very limited space to describe your project, so use the words wisely. Writing briefly is more difficult than writing at length, but is worth the effort. Literature review should be at a minimum. Keep in mind that the Awards Committee does not know all the context for your project, and may not even have a closely related specialty in palynology. Thus it is important to write for this broader audience. It can be a good idea to show your text to someone who is not a palynologist or involved in the project to see if they understand your description well. It is fine to have a project that integrates palynology with other data, but be sure to make clear what palynological work you will be performing. If there is prior palynological work, explain how your approach is new or different.

Correspondents Wanted!

Not sure that you want to run for office but want to help the society? Become a newsletter correspondent, either formally or informally! We welcome student and professional news, book reviews, reports on meetings, workshops, etc. Submissions are due on November 15, February 15, May 15, and August 15, annually.

Current vacancies include:

Book Review Editor

India

South Africa

Our newsletter is only as good as the news we receive. Please stay in touch!

- Jen O'Keefe

Call to Serve!

It's that time of year again where the Nominations Committee are busily identifying candidates for office. Do you want to participate in guiding AASP-The Palynological Society forward? Do you have ideas for increasing the visibility of the society? Consider running for elected office!

This year we are actively seeking candidates for:

- 1) President-elect (pending outcome of vote on new bylaws); and
- 2) One director-at-large.

As always, you may choose to run for a long-term position as well.

Contact Steve Stukins (S.Stukins@nhm.ac.uk) or Katrin Ruckwied (katrin.ruckwied@shell.com)

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 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 2016 "membership" drive is on now. Your contribution may be made by personal check or by a pledge which is ***payable on or before December 31, 2016.***

Join!

To join the Century Club, simply 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 registered in the United States. This means that contributions to the AASP Foundation are fully deductible on 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.

2016 AASP Foundation Century Club Contribution Form

Name: _____

Address: _____

Mail to: Robert T. Clarke, Treas.
AASP Foundation
3011 Friendswood Dr.
Arlington, TX 76013-2033

Contribution Enclosed: \$ _____

I wish to pledge: \$ _____

THE 50TH ANNUAL MEETING OF AASP – THE PALYNOLOGICAL SOCIETY

~THE GOLDEN ANNIVERSARY MEETING~

HELD JOINTLY WITH CIMP AND THE MICROPALAEONTOLOGICAL
SOCIETY PALYNOLOGY GROUP

NOTTINGHAM, UK

Sunday 3rd–Thursday 7th SEPTEMBER 2017

Organising Committee:

James B. Riding (BGS)

Jan A.I. Hennissen (BGS)

Stewart G. Molyneux (BGS)

Maria Wilson (BGS)

Matthew J. Pound (Northumbria University, representing TMS)

Reed Wicander (CMU, Mount Pleasant, USA, representing CIMP)



THIRD CIRCULAR - DECEMBER 2016

The 50th annual meeting of AASP – The Palynological Society will be held at the British Geological Survey (BGS), Keyworth, Nottingham NG12 5GG between the 3rd and 7th of September 2017. This will be the seventh time our main yearly meeting has been held in Europe, and the third occasion it has taken place in the UK.

This conference is held jointly with CIMP and The Micropalaeontological Society (TMS) Palynology Group. The team of convenors look forward to welcoming you to the headquarters of BGS for this three-day meeting with the opportunity to participate in two one-day field trips to widely geologically contrasting areas of the East Midlands of England. There will also be a workshop on the use of StrataBugs software. We hope to make this annual meeting extra special because it is the 50th such event! This is the second circular and it will be updated frequently.

The conference accommodation will be in several city centre hotels in downtown Nottingham. Delegates will be transported to BGS HQ, and returned back to the city centre each day by bus, and as part of the registration package. BGS is located in the large village of Keyworth which is ca. 7 km south of central Nottingham. Other public transport solutions are also available. Morning tea, lunch and afternoon coffee are also all included in the registration package.

If you would like to offer any workshops, offer sponsorship etc., please get in touch with any of the members of the organising committee. We hope to welcome you to Keyworth for the Golden Anniversary meeting in 2017!

1. REGISTRATION

CATEGORY	THREE DAY PRICE	SINGLE DAY PRICE
Professional delegate	£120 (post 1st July 2017 = £160; on the door £180)	£60
Student delegate	£50 (post 1st July 2017 = £75; on the door £85)	£25
Retired delegate	£90 (post 1st July 2017 = £110; on the door £120)	£45

Registration comprises:

- Icebreaker at a Nottingham city centre venue on the evening of Sunday, 3rd September
- A conference pack including the abstract volume
- Return transport between Nottingham city centre and BGS, Keyworth Monday to Wednesday
- Morning coffee/tea, lunch and afternoon coffee/tea
- A drinks/nibbles reception at BGS following the first day of the conference, Monday, 4th September

Optional extras:

We are also offering delegates the opportunity to attend two field trips, a workshop on StrataBugs, the conference dinner and the AASP Business “Luncheon” – held at night. These will be charged separately to the core registration package. The costs for these are as follows:

ITEM	PRICE
Field trip to the Carboniferous of the Peak District (3rd September 2017)	£25
Conference dinner (5th September 2017)	£30
AASP Business “Luncheon” held at night (6th September 2017)	£25
Field trip to Bradgate Park, Leicestershire (7th September 2017)	£25
Workshop on the use of StrataBugs software by StrataData Ltd. Held at Keyworth (7th September 2017)	free
All of the above	£100

Note that the StrataBugs workshop and the Bradgate Park fieldtrip are both on Thursday 7th September. This clash is, unfortunately, impossible to avoid.

To register, please visit the AASP website (www.palynology.org) and make the payment via PayPal. Should you be unable to register via the secure website, contact the meeting organisers (jbri@bgs.ac.uk) and Rebecca Hackworth, the AASP-The Palynological Society Treasurer, (RHackworth@chevron.com) to organise direct payment. If you wish to pay using a credit or debit card, send your card details to Rebecca Hackworth and she will process them. You can also pay AASP direct using online banking.

We will open up a dedicated section of the AASP – TPS website for this conference. Potential delegates can register via this website which will open up during January 2016. This will be well publicised. In the meantime, go to www.palynology.org or email jbri@bgs.ac.uk and RHackworth@chevron.com.

2. CONFERENCE PLAN

Saturday, 2nd September:

In the afternoon (14.00 h–18.00 h), the outgoing Board of Directors meeting of AASP – TPS will be held at a conference room at Jurys Inn Nottingham, Station Street, Nottingham NG2 3BJ (Tel: +44 115 901 6700; Email: jurysinnottingham@jurysinns.com). We will select a suitable meeting place for lunch near the conference hotels and Jim will guide attendees to the Jurys Inn, which is a short (~5 minutes) walk away (Jurys Inn is near Nottingham Station). All AASP – TPS members are welcome to attend this meeting as observers.

Sunday, 3rd September:

A one-day fieldtrip to examine key Carboniferous Stage stratotypes in the Peak District of Staffordshire led by Drs Duncan McLean and David Bodman (MB Stratigraphy, Sheffield). Minibuses will depart from the St James Hotel (Rutland Street, Nottingham, NG1 6EB) at 07:30 h. We will be back in Nottingham at ~18:30 h, well in time for the icebreaker. A packed lunch will be supplied. The cost of this excursion is £25, payable with the main registration.

An icebreaker event will be held from 19:30 h in a nearby trendy/funky bar in central Nottingham. Registrants will receive two free drink vouchers, and nibbles will be available.

Monday, 4th September:

This will be the first day of the conference. Laid on buses will depart from the St James Hotel at 08:15 h. We plan to include at least one presentation on the history of AASP. Following the scientific sessions, delegates are invited to a drinks reception at BGS. This is included in the registration package and will feature local Nottingham beers (other drink solutions will be available!) and nibbles. Buses will return delegates to Nottingham.

Tuesday, 5th September:

This will be the second day of the conference. Buses will depart from the St James Hotel at 08:15 h. The same vehicles will return delegates to Nottingham.

In the evening, we will hold a conference dinner at a venue to be announced. The cost of this will be £30, payable with the main registration. We hope to book the Long Room at the legendary Trent Bridge cricket ground immediately south of Nottingham. Trent Bridge is widely held to be the most beautiful of all our cricket stadia, and has witnessed many famous tussles between England and our distinguished pantheon of cricketing adversaries from around the world. We are investigating possible guest speaker(s).

Wednesday, 6th September:

This will be the second day of the conference. Buses will depart from the St James Hotel at 08:15 h. The same vehicles will return delegates to Nottingham.

In the evening, we will hold the AASP Business “Luncheon” held at night at (yet) another very funky downtown Nottingham venue (to be announced). The cost of this will be £25, payable with the main registration.

Thursday, 7th September:

1. A one-day fieldtrip to examine the Precambrian, Triassic and Quaternary geology of Bradgate Park, Charnwood Forest, Leicestershire led by Jim Riding. You will have the opportunity to hunt for (but not collect!) Ediacaran fossils. You will see the site where the very first representative of this world famous biota was discovered in Precambrian metasediments during the early 1960s. Minibuses will depart the St James Hotel at 08:30 h. We will be back in Nottingham at ~18:00 h. A packed lunch will be supplied. The cost of this excursion is £25, payable with the main registration.
2. Delegates are also invited to a free half-day workshop on the use of StrataBugs software run by Paul Britton and John Athersuch. StrataBugs is a very well-established (the industry standard in fact) software package for displaying and manipulating biostratigraphical data of all types. This workshop will be held between 09:00 h and 12:30 h at a conference room at Keyworth and will give novices and beginners the opportunity to get some hands-on experience with StrataBugs. It will also be a refresher for those who have used the software before. If you wish to attend this bring your laptop.

3. TRAVELLING TO NOTTINGHAM (AND BACK)

All UK residents will be fully aware that the fair city of Nottingham is one of the most accessible in the country, being situated in the centre of England and slap bang on major road and rail links. See <http://www.experiencenottinghamshire.com/nottingham>.

Overseas visitors can fly to Birmingham, East Midlands, London or Manchester airports. Any of the several London airports are absolutely fine. All these airports allow for efficient rail travel to Nottingham except for the most local one, East Midlands (EMA). If you go to EMA, take a cab/taxi or bus (Nottingham Skylink; see <https://www.trentbarton.co.uk/services/skylinknottingham/welcome>) to Nottingham.

Long haul travellers are most likely to arrive at Heathrow or Gatwick airports in London. In this case, simply take the rail shuttle (Heathrow or Gatwick Express) to central London and head on the metro/underground for St Pancras mainline station (this is at Kings Cross/St Pancras metro/underground station). From St Pancras, frequent and fast trains will whizz you to Nottingham in just a couple of hours. If you have any questions about travel to Nottingham, email Jim (jbri@bgs.ac.uk).

4. ACCOMMODATION

We recommend that you use either the St James Hotel, Rutland Street, Nottingham, NG1 6EB (<http://www.stjames-hotel.com/>) or the Premier Inn Nottingham City (Chapel Bar), 7 Chapel Quarter, Maid Marian Way, Nottingham NG1 6JS (Tel: 0871 527 9658; or see <http://www.premierinn.com/gb/en/hotels/england/nottinghamshire/nottingham/nottingham-city-centre-chapel-bar.html>). These are “nice but not too pricey” city centre hotels very close to great bars, historic sites, restaurants etc. They are both reasonably priced.

We have negotiated a special deal with the St James Hotel. To take advantage of this discount you need to telephone (+44(0)115 941 1114) or fax (+44(0)115 9410014), or email the hotel (info@stjames-hotel.com), and quote GA000471. There are no group rates available at the Premier Inn so the best way to book is online; please do ensure you book their Chapel Bar Hotel – there are two other Premier Inns in Nottingham.

However, other accommodation is of course available; there are many hotels and apartments in the city including representatives of the major well-known chains such as Ibis, Jurys Inn, Park Plaza, Premier Inn, Ramada, Strathdon, Travelodge etc. Check out the respective websites.

5. LOCAL TRAVEL

Travel between central Nottingham to BGS is provided, but we appreciate you might need to go your own way. The village of Keyworth is located around seven miles (~10 km) south of central Nottingham. A cab/taxi will cost around £15 one way. Other public travel solutions are also available. From Nottingham, you can catch a bus to Keyworth, the Keyworth Connection (<https://www.trentbarton.co.uk/services/keyworthconnection/maps-and-times>), which runs from the Broadmarsh Bus Station in central Nottingham. This bus route travels via Nottingham railway station, through the suburb of West Bridgford and on to Keyworth. A single journey costs around £3 and takes about 25 minutes, depending on traffic.

6. THE SCIENTIFIC PROGRAMME

Delegates may submit abstracts from now. The deadline is Monday, 10th July 2017. You may submit oral presentations (15–20 minutes) or present a poster. Please email abstracts to jbri@bgs.ac.uk and janh@bgs.ac.uk. Please use Times New Roman 12 point font, single-spaced, left justified, no more than ~1000 words, include keywords, and also provide your affiliation, address and email.

CONFERENCE ANNOUNCEMENT:

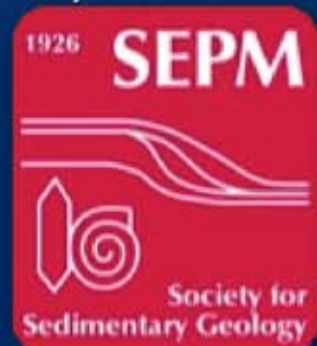
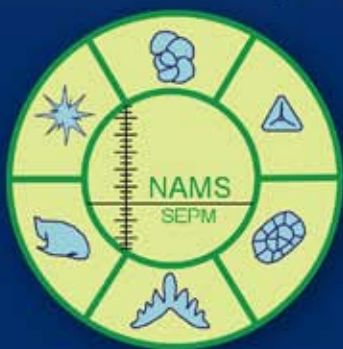
Geologic Problem Solving with Microfossils IV

*proceeds designated for
the Garry Jones and Brian O'Neill Memorial Fund
for NAMS Student Research
an SEPM Foundation Fund*

APRIL 5-9, 2017

The Whitehall Houston Hotel
(formerly the Crowne Plaza - Downtown)
Houston, TX - USA

Organized by NAMS/SEPM
(North American Micropaleontology Section)
with support from the
Society for Sedimentary Geology (SEPM)





We invite you to join us for the VIIth Workshop on Non-Pollen Palynomorphs

This informal international meeting is aimed at people who work with subfossil remains of NPPs from lake and wetland sediments. The meeting will consist of three days of invited talks, oral presentations, microscopy sessions and a roundtable on forming a working group and funding opportunities.

Venue: University of Liverpool, Liverpool, United Kingdom

Dates: 12-14 June 2017

For more information please contact us:

VIINPPLiverpool@gmail.com

Or visit our website:

<http://workshop7nonpollen.uk/>

Organizing committee:

Fabienne Marret-Davies (University of Liverpool)

Rachael Lem (University of Liverpool)

Karen Halsall (University of Liverpool)

Lindsay Davies (University of Liverpool)

Lee Bradley (Manchester Metropolitan University)

Eline van Asperen (Durham University)

Registration

Conference fees: Student/Retired: £35; other: £50. Fees include coffee/tea breaks and three lunches, badges, abstracts.

A conference dinner will be organised (date and venue to be confirmed); this is not included in the conference fees.

Information for registration will be circulated early 2017

Abstract submission (deadline May 14th, 2017)

Scientific contributions may be presented as oral presentations or posters. Abstract should be submitted as a word document and should contain all author(s)'s names, affiliation and email address of the corresponding/presenting author. One page maximum, illustrations are accepted but will be printed in B/W. Online copy will be available

Please send your abstract to VIINPPLiverpool@gmail.com by **14th May 2017**. Please indicate clearly whether you plan to present a poster or an oral presentation.

Preliminary programme

	Monday 12 June	Tuesday 13 June	Wednesday 14 June
Morning	Welcome Invited talk Oral presentations	Invited talk Oral presentations Microscopy session	Round-table on forming a working group and funding opportunities
Lunch	Poster session	Poster session	
Afternoon	Microscopy session	Microscopy session	

Transport

Liverpool is within easy reach of two airports. Liverpool John Lennon Airport is only nine miles from Liverpool's city centre and offers a range of inbound flights from European airports. From the airport, you can reach the city centre by taxi or airport bus.

The large international airport of Manchester is a 1 hr train ride away.

Liverpool has excellent rail links to London and the rest of the UK. The conference venue is just a ten-minute walk away from the main railway station (Liverpool Lime Street).

Accommodation

Liverpool has a wide range of hotels, bed & breakfast, apartments and hostels. Please book your own accommodation.



MASTER CLASS

“Terrestrially-Derived Fossil Palynoflora: Subsurface Application to Petroleum Geology”

July 10-14, 2017

Florence, Italy

Course Instructors:

**Adele Bertini, Timme Donders, Guy Harrington,
Carlos Jaramillo, Gunn Mangerud, Robert Morley,
David Pocknall, Mercedes Pramparo, Mike Stephenson,
Jim Riding, Paul Strother, Roel Verreusel**

Course Organizers:

Adele Bertini, Peter Bilj, Thomas Demchuk, Timme Donders

Course Outline:

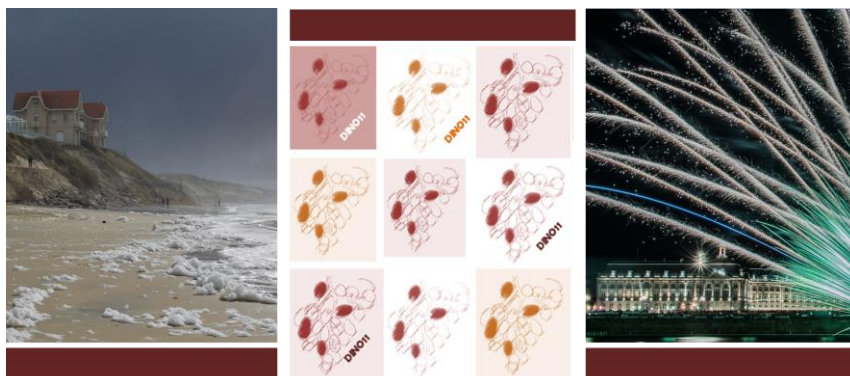
- General Pollen/Spore Morphology and Taxonomy, Concepts and Applications
- Paleozoic-Mesozoic-Cenozoic Spore Chronostratigraphy and Paleoecology
Special focus on Middle East, Southern Hemisphere, N.W. Europe, West Africa, Southeast Asia, North and South America
- Quaternary and Holocene Palynostratigraphy and Paleoecology

The Aims and Deliverables of the Class will be:

- To provide instruction on basic pollen/spore/algal taxonomy as an aid in identifying and classifying varied terrestrially-derived palynoflora
- To provide a general background into terrestrial palynomorph morphology, taxonomy, chronostratigraphy, paleoecology and paleoclimate through the Phanerozoic
- To provide case studies of standard and innovative industrial applications of terrestrially-derived pollen/spore/algae to subsurface problem solving, including calibration to sequence stratigraphic modeling
Middle East-Paleozoic: Southeast Asia-Cenozoic: West Africa-Neogene
- Each topic and lectures will be accompanied by microscope workshops
- A fieldtrip is being planned but is not yet finalized
- Anticipated Course Fees: Students €350, Academic/Consultant €650, Industry €1000

For additional information and interest in attending this Class please contact:

Thomas Demchuk at tdemchuk@swbell.net



2nd Circular and Call for Workshop Proposals

11th INTERNATIONAL CONFERENCE ON MODERN AND FOSSIL DINOFLAGELLATES

17 to 21 July 2017, Bordeaux (France)

DINO11, the 11th international conference on MODERN AND FOSSIL DINOFLAGELLATES, will be held at **Bordeaux University** (Talence site), France, during July 17-21, 2017.

The scientific program will be devoted to the latest developments in studies of living and fossil dinoflagellates, this group being one of the most important among planktonic and benthic marine microalgae, and as such gathering both biological and geological interests. In keeping with the tradition of this conference series, the program (**see the draft program below**) of this meeting (held every 3–5 years only) will consist of oral presentations (talks, posters), selected from the submitted abstracts, and supplemented by a small number of invited and keynote talks.



Conference Website

All information about the conference can be found at the conference website

<http://laplf.org/dino11/news.htm>



Draft program

Example for Monday 17th July

Registration desk opens at 9.00 in OASU B18N Building (Talence site of Bordeaux University, Allée Geoffroy Saint Hilaire)

12.00 Free lunch

13.30 Conference welcome and opening, Session 1 and 2

19.30 Ice breaker

Schedule outline for the week:

	Morning		Afternoon	Event
Monday 17/07	Registration 9h	Free lunch	Welcome / Session 1 & 2 13h30-19h	Ice- breaker
Tuesday 18/07	Session 3 & 4 8h-12h40	Lunch	Session 5 & 6 14h-18h40	Free evening
Wednesday 19/07	Session 7 & 8 8h-12h40	Lunch	Session 9 & 10 14h-18h40	Gala Diner
Thursday 20/07	Session 11 & 12 8h-12h40	Lunch	AG, next meeting 14h-18h40	Free evening
Friday 21/07	Awards , Workshops	Free lunch	Free/ Workshops	

Preliminary session list and scientist involved:

1. MODERN DINOFLAGELLATES

1.1. Biodiversity and systematics, SC: Lemée Rodolphe & Nicolas Chomérat (from the organization committee); Mona Hoppenrath (German Centre for Marine Biodiversity Research, Wilhelmshaven, Germany); Jane Lewis (School of Life Sciences, University of Westminster, UK); Antonella Penna (Lab. of Environmental Biology, University of Urbino, Italy)

1.2. Dinoflagellate life cycles and nutritional strategies, SC: Raffaele Siano (from the organization committee); Don Anderson (Woods Hole Oceanographic Institution, Woods Hole, MA, USA); Charles Delwiche (Department of Biology, University of Maryland, USA)

1.3. Dinoflagellate ecology, SC: Yolanda del Amo (from the organization committee); Elisa Berdalet (Institut de Ciències del Mar (CSIC) de Barcelona, Spain); Kazumi Matsuoka (Institute for East China Sea Research, Nagasaki University, Japan); Don Anderson (Woods Hole Oceanographic Institution, Woods Hole, MA, USA); Sofia Ribeiro (Geological Survey of Denmark and Greenland – GEUS, Denmark)

1.4. Toxic dinoflagellates: from cells to cysts, SC: Mohamed Laabir (from the organization committee), Marianne Ellegaard (Department of Biology, University of Copenhagen, Denmark), Kazumi Matsuoka (Institute for East China Sea Research, Nagasaki University, Japan), André Rochon (Institut des sciences de la mer de Rimouski - ISMER, Université du Québec à Rimouski, Canada)

1.5. Marine to freshwater transition and gradient in the dino world, SC: Martin J. Head (Department of Earth Sciences, Brock University, Canada); Susan Carty (Heidelberg University in Tiffin, Ohio, USA)

1.6. Modern dinoflagellates and cysts: what we can learn from sediments, SC: Kenneth Neil Mertens (from the organization committee); Vera Pospelova (School of Earth and Ocean Sciences, University of Victoria, Canada)

2. FOSSIL DINOFLAGELLATES

2.1 Neogene to modern dinocysts in palaeoceanographic studies, SC: Aurélie Penaud (from the organization committee); Stijn De Schepper (Uni Research Climate and Bjerknes Centre for Climate Research, Bergen, Norway); Fabienne Marret-Davies (School of Environmental Sciences, University of Liverpool, UK)

2.2. Mesozoic and Cenozoic dinocyst stratigraphies, SC: Edwige Masure & Daniel Michoux (from the organization committee); James B. Riding (British Geological Survey, Keyworth, UK)

2.3. Phanerozoic and deep time scales, SC: Thomas Servais (from the organization committee); Jörg Pross (Paleoenvironmental Dynamics Group, Institute of Earth Sciences, Heidelberg University, Germany); Appy Sluijs (Marine

2.4. Dinocyst systematics, SC: Martin J. Head (Department of Earth Sciences, Brock University, Canada); Marianne Ellegaard (Department of Biology, University of Copenhagen, Denmark)

2.5. Dinocyst chemistry and preservation / carbon cycles, SC: Gerard Versteegh (Alfred Wegener Institute, Bremerhaven, Germany; MARUM, Bremen University, Germany); Kara Bogus (International Ocean Discovery Program, Texas A&M University, USA); Stephen Louwye (Ghent University, Belgium)

2.6. Integrated studies derived from dinocysts: recent past to modern scales, SC: Anne de Vernal, (GEOTOP, Université du Québec à Montréal, Canada) ; Marit-Solveig Seidenkrantz (Aarhus University, Denmark) ; Karin Zonneveld (Department of Historical Geology/Palaeontology, University of Bremen/MARUM, Germany)



Abstract Submission

Abstract submission will be open **from 1 December, 2016**

Abstract submission deadline is 15 March, 2017

Abstract submission information link: [active from 1 December 2016](#)

Authors will be notified about the selection of their abstract regarding the type of presentation (oral or poster) by 15 April, 2017.



Registration

Registration for the conference will be open **from 1 December, 2016**

Deadline for early registration is 15 February, 2017

Registration link: [active from December 2016](#)

	Before 15 th February 2017		After 15 th February 2017	
Professional full week	€300		€400	
Student	€150		€250	
Professional/student daily rate	€75	Monday	€100	Monday
		Tuesday		Tuesday
		Wednesday		Wednesday
		Thursday		Thursday
		Friday		Friday
Conference dinner	€60		€90	

Registration fee includes: conference registration and access to all conference sessions, conference material and conference bag, icebreaker on the 17th of July 2017, lunches and all coffee breaks throughout the conference.

Registration fee does not include: excursion tour, transportation and accommodation, additional workshop fees.

Daily rate fee includes access to all conference sessions, conference material and conference bag, lunch (for full day sessions) and all coffee breaks throughout the day.



Call for Workshop Proposals

Additional workshops will be organized in parallel to the meeting: any proposals are welcome (send an e-mail to dino11@mail.epoc.u-bordeaux1.fr).

No workshop proposition will be considered after the **mid-January 2017**.

Urgent !

Accommodation

Many convenient hotels are located close to the University or downtown, for details please visit the accommodations link on the conference website.

<http://laplf.org/dino11/accommodation.htm>

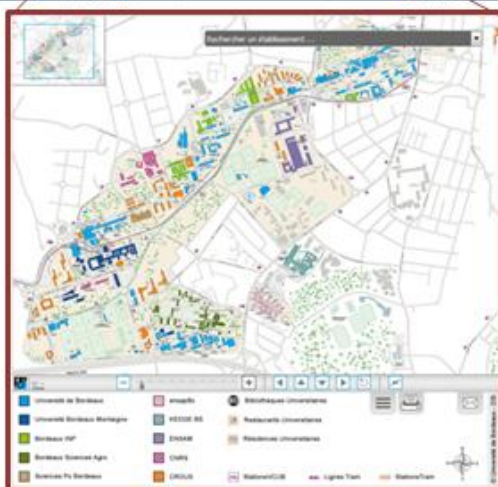
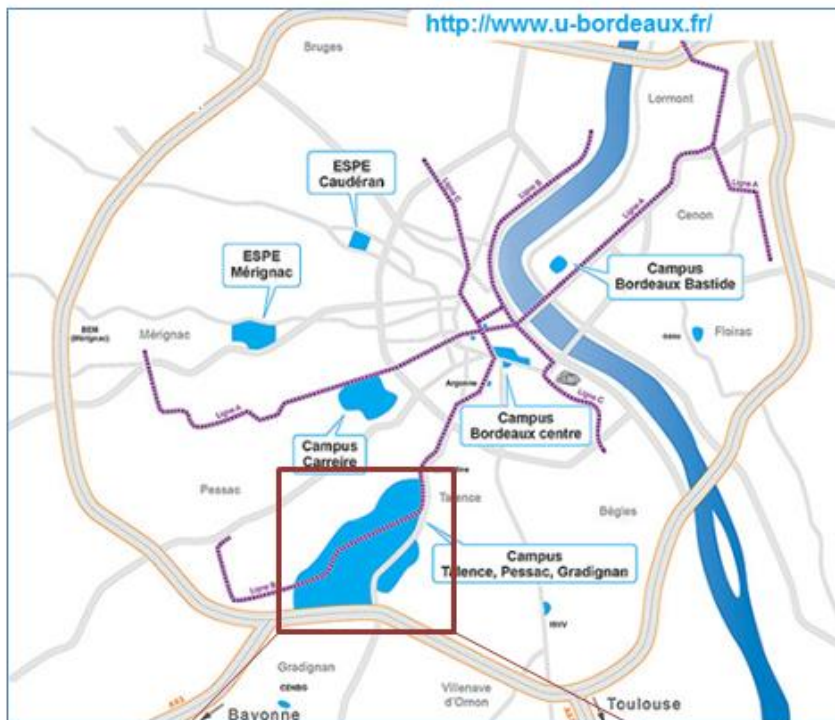
Travel information

Travel information link: <http://laplf.org/dino11/travel%20information.htm>

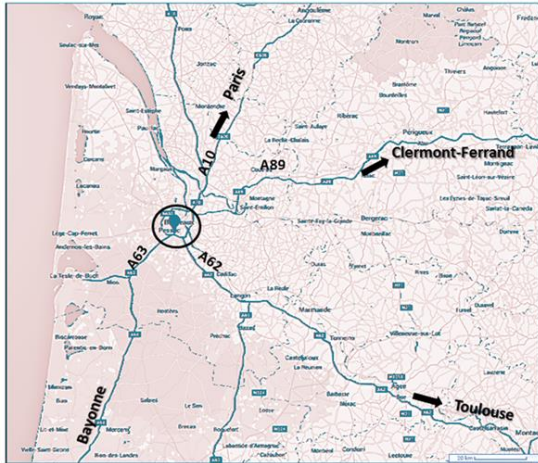
The meeting will take place on the Campus of the University of Bordeaux (B18N Amphitheater).

This campus is spread out over 5 kilometers mainly in the small towns of Talence and

Pessac within the Bordeaux agglomeration (<http://www.u-bordeaux.fr/Vie-des-campus/Services-numeriques/Cartographie-des-campus/Cartes-interactive/Campus-Talence-Pessac-Gradignan>).



To join us:



- **by car:** one can reach Bordeaux by the main highways (A10 from Paris, A63 from the south, A89 and A62 from the east)

- **by bus:** some bus companies offer very cheap travel

See the following websites:

<http://www.ouibus.com/>

<http://www.eurolines.fr/en/>

<http://www.isilines.fr/fr>

- **by train:** a lot of connections, either to the Bordeaux main train station or to the Pessac city train station.

See: <http://en.voyages-sncf.com/en/>

- **by plane:** Bordeaux (Mérignac) airport, Air France, KLM, British Airways and many low-cost companies connect Bordeaux worldwide

Find your flight on: <http://www.bordeaux.aeroport.fr/en>

Visas

Participants need to ensure that they have the proper travel documents and visas to enter France. See required documents here: <http://www.diplomatie.gouv.fr/en/coming-to-france/getting-a-visa/>

Local Organizing Groups:

Frédérique **Eynaud**, Laurent **Londeix**, Yolanda **Del Amo**, with assistance from Marie-Hélène **Castera**, Linda **Rossignol** and Ludovic **Devaux**

Laboratoire EPOC, Université de Bordeaux, <http://www.epoc.u-bordeaux.fr>

Honorary president: Jean-Louis Turon

French partners:

- Nicolas **Chomerat** (IFREMER, Station de Biologie Marine de Concarneau, BP 40537, F-29185 Concarneau Cedex)
- Mohamed **Laabir** (Center for Marine Biodiversity, Exploitation and Conservation (MARBEC), Université de Montpellier, 34095 Montpellier Cedex 5)
- Rodolphe **Lemée** (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)
- Edwige **Masure** (UMR CNRS/MNHN/UPMC 7207 Centre de recherche sur la paléobiodiversité et les paléoenvironnements, Université Pierre et Marie Curie)
- Kenneth Neil **Mertens** (IFREMER, Station de Biologie Marine de Concarneau, BP 40537, F-29185 Concarneau Cedex)
- Daniel **Michoux** (Centre Scientifique et Technique Jean-Féger, TOTAL, Pau)
- Aurélie **Penaud** (Laboratoire Domaines Océaniques (LDO), IUEM, Place Nicolas Copernic, Technopôle Brest-Iroise, Université de Bretagne Occidentale, 29280 Plouzané)
- Thomas **Servais** (UMR 8198 Evo-Eco-Paleo, Université de Lille)
- Raffaele **Siano** (IFREMER - Centre de BREST - Dyneco-Pelagos BP70 CS29280 Plouzané)

Institutional Partners

We look forward to seeing you in Bordeaux.

Managing biostratigraphic data with **PALSYS.org**

A platform for training and knowledge exchange in biogeosciences

Peter K. Bijl

LPP Foundation; info@lpp-foundation.nl



Challenges



Retirement



Teaching load



Storage reduction



'Big Data'



Consistency



Data 'ages'

Source: socialworkers.org, jujumanablog.com, realhairtruth.com, mydirectcommercial.com, jkmoving.com

A solution: **PALSYS.org**

The LPP Foundation has revived a platform for storage and comprehensive management of biostratigraphic data: **PALSYS.org**.

By signing up for **PALSYS.org** you get:

- All literature-based stratigraphic/taxonomic dinocyst data
- All fully up-to-date and calibrated to the latest GTS
- A large (>20.000) image database, incl. holotypes
- A comprehensive self-study tutorial for students/trainees
- Create your own notes with the species descriptions
- Share/suggest updates to the database
- Upload in-house, confidential sub-databases



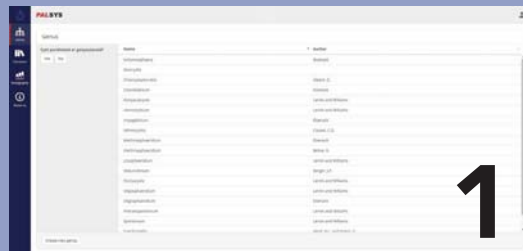
What **PALSYS.org** delivers

- Preserves biostratigraphic knowledge otherwise lost
- Alleviates teaching/training load and costs by providing a hands-on tool to self-study
- Allows for the reduction of storage space needed for microscope slides and literature hardware
- Presents large datasets of taxonomic and stratigraphic data in a comprehensive way
- Ensures literature is interpreted in a consistent way and based on the latest insights
- Scientific quality control is ensured with a scientific steering committee that advises on bi-yearly updates

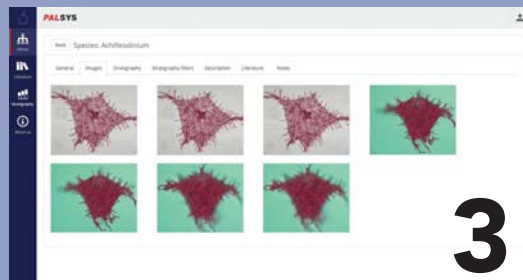
Features and Functionalities

1. Genus- and species list containing all published taxa
2. A clever search- and filter engine based on the suprageneric taxonomic principles of the fossil group
3. An image database (>20.000 images)
4. Their original descriptions, emendations, synonymy, taxonomic status and literature citations
5. The stratigraphic ranges, calibrated to the latest GTS
6. A stratigraphic plotter plots stratigraphic ranges in specific geographic areas and time intervals
7. Advanced print functionalities ensures accessibility of the database in offline mode

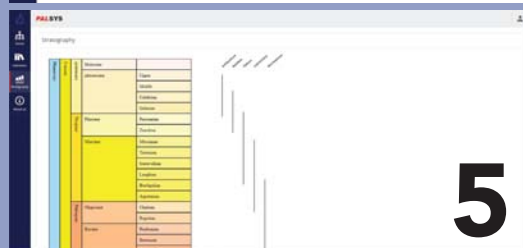
All in one platform, fully interactive, always up-to-date



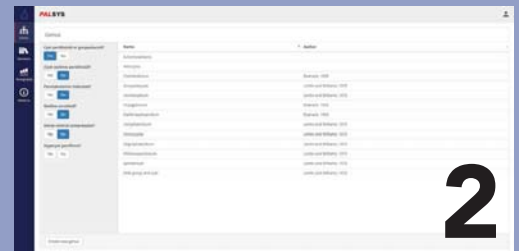
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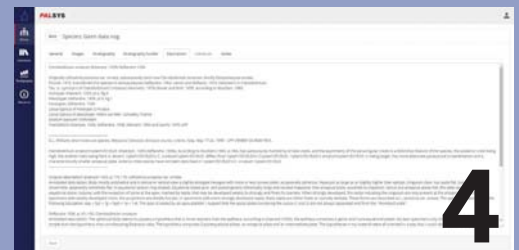
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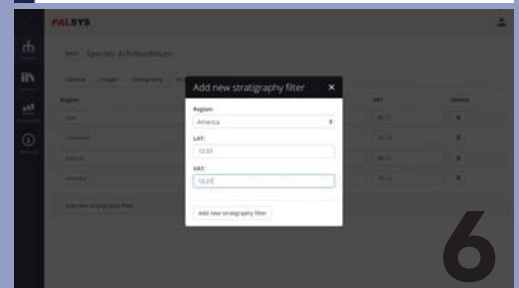
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4



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Do you want to...

...get access to **PALSYS.org**?

Have your favorite microfossil added to **PALSYS.org**?

Contact us, see the booth staff and scan the QR codes for more information

See **PALSYS.org**
(under construction)



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for progress and updates



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lpp-foundation.nl

