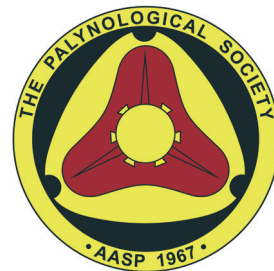
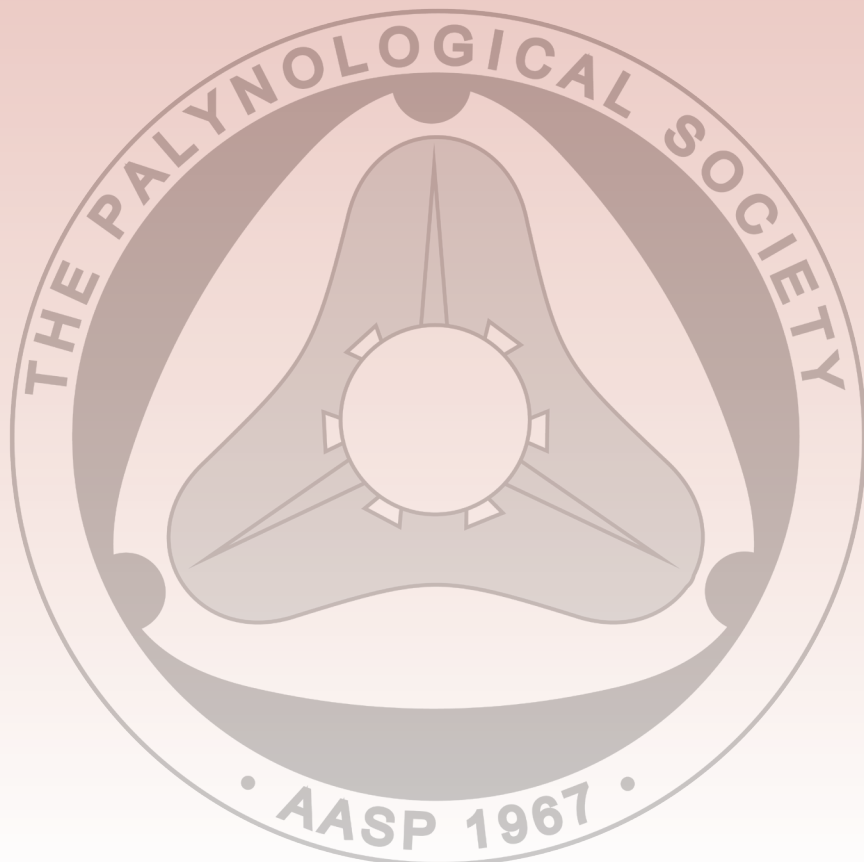


AASP- THE PALYNOLOGICAL SOCIETY



Pterospermum lanceaefolium
By David Jarzen, KSU September, 1967

NEWSLETTER



March 2015
Volume 48, Number 1



AASP-TPS NEWSLETTER

Published Quarterly by AASP - The Palynological Society

March 2015 Volume 48, Number 1

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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 recipients

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

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)
Professor Reed Wicander (awarded 2014)



AASP-TPS NEWSLETTER

Published Quarterly by AASP - The Palynological Society

March 2015
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Volume 48, Number 1
Sophie Warny, Editor

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AASP WEBMASTER

Mohamed Zobaa, mohamed.zobaa@fsc.bu.edu.eg, website: <http://www.palynology.org>

AASP NEWSLETTER EDITOR

Sophie Warny, swarny@lsu.edu, Department of Geology and Geophysics & Museum of Natural Science, Louisiana State University, E235 Howe Russell Geoscience Complex, Baton Rouge, LA 70803, USA.

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 May 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.**

This is my 33d newsletter as Editor, and it is time for me to pass the task to a new Editor. I will be teaching a field class this summer and will not have access to the internet, so I will be unable to create the June NL. Jen O'Keefe has accepted to take over for me at that time. Thank you all for your support since 2007!
PLEASE SEND MATERIAL TO JEN O'KEEFE AT j.okeefe@moreheadstate.edu

Thank you! I have really enjoyed working with the board over the years.
Sophie Warny

A message from our president Dr. Jen O'Keefe

I will admit to all of you that this column has been one of my more challenging tasks. University budgets are being cut; several of us are facing restructuring and possible loss of tenure protections. “Do More with Less” is the recurring theme. While it was a nice surprise to get my last tank of gas for \$1.75/gallon, it was not nice at all to think of my many colleagues and former students who are facing layoffs or transfers to places they’d rather not go. Does this sound like a broken record? Or the same old song from the 80’s or early 90’s? Here’s one I’d rather sing...We will survive!

In the face of, or perhaps in spite of this adversity, palynology in general, and AASP-The Palynological Society in particular, is doing very well. Our finances are weathering the storm much better than expected, for which we owe a lot to Thomas and his financial advisor (Thank you!). Memberships are about where they usually are at this time of year (ok, if you haven’t renewed yet, you know who you are and what you need to do!). Journal submissions are up, our page count is going up this year, and the cover art of the last issue of both *Palynology* and the newsletter were beautiful. The midyear board meeting and finalization of the new website are scheduled for 23 of May 2015 in Liverpool, UK.

In my last column I encouraged you to support a crowd-sourcing campaign to fund an expedition to the Falklands entitled “Penguins, plants, and people: Getting to the core of climate change in the Falkland Islands.” I’m pleased to report that it was fully funded, the expedition was a success, and for my small donation, I’ve got a stack of really amazing pictures of penguins from the graduate students’ field areas! More importantly, I did my tiny bit toward supporting someone else’s research. I encourage each of you to think about mutual support of palynology research, either through donations to the AASP Foundation to support our grant programs, to CENEX to support the two endowed positions and graduate student research there, or to crowd funded projects. It is a professional’s way of paying forward all we have been given! Speaking of paying forward, I’m delighted to have heard that one undergraduate award has already been given out this year, and my own Micropaleontology course has four students in close competition for the very first undergraduate award at Morehead State University. Watching students catch our love of microfossils has been a spectacular experience for me, and has made me grateful more than ever for the time my teachers and mentors in palynology spent with me...who am I kidding ...some of them are still answering question to this day! Wow! Thank you to all of you who take the time to mentor the younger (or not so younger) palynologists among us!



As some of you know, I’ve become an avid “Tweeter” since attending a National Science Foundation “Becoming the Messenger” workshop. #palynology has had some nice trends since our last newsletter, and many photomicrographs have been tweeted and re-tweeted. I’m pleased to report that the very new @AASPTPS already has 57 followers. If you’re a twitter user, please follow @AASPTPS for fast-breaking news and updates! Nearly every time I log on, there is something palynology related under discussion, whether the hashtag is used or not. Many of these comments and conversations are about Quaternary, archaeological, and modern Palynology. This active, vibrant community is one I’m increasingly attuned to, as I have students working on projects ranging from honey-typing to Pleistocene paleoecology. I hope to see many of these colleagues participate in our sessions at GSA in Baltimore – and perhaps encourage more to join AASP – THE Palynological Society!

On a bittersweet note, Merrell Miller kindly brought the Len Eames collection to me in mid-February. The collection will be housed at Morehead State University, and already has been a source of delight for my students – it contains many hard-to-obtain publications, as well as modern and fossil reference materials, and slides from some of Len’s research. When archival is complete, we’ll provide a more complete article about this collection for the newsletter. This makes the third collection to have found a home in Kentucky in the last year. It joins the Judith Gennett collection at Morehead; the John Clendenning collection is now held by Cortland Eble at the Kentucky Geological Survey. Packing, shipping, and archiving these collections has been an immense undertaking for many people. I strongly encourage each of you who have collections to develop plans for their future preservation and to make decisions about where or to whom to send them and to let others know about your plans.

I look forward to seeing many of you in Baltimore in November, 2015!

Palynology Managing Editor's Report

Volume 39, Part 1 of *Palynology*, which will be dated March 2015, has just been published online and has been sent to the printers. This volume has a white cover featuring an SEM image of a modern lettuce pollen grain. The paper copies will be shipped to members during mid February 2015. This first part of the year contains nine papers over 141 pages, and the contents are listed below. This means that we have another 282 pages, over two parts, for this year. Part two is now complete, and will be issued in July 2015. This part contains seven research articles, plus an obituary and two award citations; the contents are all available online and are also detailed below. The December 2015 part has just been started, and will be assembled much later in the year.

Manuscript submission rates continue to be good as I write; please continue to send your high-quality manuscripts to *Palynology*! Remember that this journal is published by a small, volunteer-run society. Furthermore, you will find that the processing time is relatively rapid. The cover of *Palynology* next year will be orange in colour, and will have a stunning image of a modern dinoflagellate on it.

James B. Riding

Managing Editor – AASP – The Palynological Society

British Geological Survey

Keyworth, Nottingham NG12 5GG, United Kingdom

Tel: +44 (0)115 9363447

E-mail: jbri@bgs.ac.uk

Papers in *Palynology* Volume 39, Part 1 (March 2015):

1. Schneebeil-Hermann, E. and Bucher, H. Palynostratigraphy at the Permian–Triassic boundary of the Amb section, Salt Range, Pakistan. pp. 1–18.
2. Osman, A. and Hassan, N. The palynology of Aizoaceae and Molluginaceae in Egypt and Sudan. pp. 19–36.
3. Quaijtaal, W., Mertens, K.N. and Louwye, S. Some new acritarch species from the lower and middle Miocene of the Porcupine Basin, North Atlantic Ocean: biostratigraphy and palaeoecology. pp. 37–55.
4. Wrońska-Pilarek, D., Jagodziński, A.M., Bocianowski, J. and Janyszek, M. The optimal sample size in pollen morphological studies using the example of *Rosa canina* L. (Rosaceae). pp. 56–75.
5. Vignoli-Silva, M., Batista-Franklin, C.P.R., Correa, D.S.M., Mentz, L.A., Mendonça, C.B.F. and Gonçalves-Esteves, V. Pollen diversity in *Cestrum* L. (Solanaceae) from extra-Amazonian Brazil. pp. 76–90.

6. Pound, M.J., Lowther, R.I., Peakall, J., Chapman, R.J. and Salzmann, U. Palynological evidence for a warmer boreal climate in the Late Pliocene of the Yukon Territory, Canada. pp. 91–102.
7. Berbee, M., Le Renard, L. and Carmean, D. Online access to the Kalgutkar and Jansonius database of fossil fungi. pp. 103–109.
8. de Jesus, M.C., de Borges, R.L.B., de Almeida Souza, B., Brandão, H.N. and dos Santos, F.A.R. A study of pollen from light honeys produced in Piauí State, Brazil. pp. 110–124.
9. Wang, W., Servais, T., Yan, K., Vecoli, M. and Li, J. The Ordovician acritarch *Dactylofusa velifera* Cocchio 1982: a biostratigraphical and palaeogeographical index species. pp. 125–141.

Papers to be published in *Palynology* Volume 39, Part 2 (July 2015):

1. Riding, J.B., Feist-Burkhardt, S., Fensome, R.A., Harding, I.C. and Pross, J. 2015. Hans Gocht (1930–2014).
2. Lanny Fisk, Jen O’Keefe and members of the 2013–2014 Board of Directors. Board of Directors Award - Dr Thomas D. Demchuk.
3. Jen O’Keefe and Sophie Warny. Distinguished Service Award - Dr Reed Wicander.
4. Jones, S.E. and Pearce, K.G. A pollen morphological study from the Kelabit Highlands of Sarawak, Malaysian Borneo.
5. Spina, A. Latest Ordovician (Hirnantian) miospores from the N1-2 well, Algeria, North Africa, and their evolutionary significance.
6. Basumatary, S.K., Tripathi, S., Bera, S.K., Nautiyal, C.M., Devi, N. and Sarma, G.C. Late Pleistocene palaeoclimate based on vegetation of the Eastern Himalayan foothills in the Indo-Burma Range, India.
7. Rich, F.J., Vance, R.K. and Rucker, C.R. The palynology of Upper Pleistocene and Holocene sediments from the eastern shoreline and Central Depression of St. Catherines Island, Georgia, USA.
8. Marquez, G.J. and Morbelli, M.A. Substructural components in the sporoderm of the Family Cyatheaceae.
9. Olivera, D.E., Quattrocchio, M.E. and Zavattieri, A.M. The fungal spore *Annella capitata* Srivastava from the Jurassic (Late Toarcian–Late Bajocian) Cañadón Asfalto Formation of Patagonia, Argentina.
10. Na, Y., Manchester, S.R., Sun, C. and Zhang S. The Middle Jurassic palynology of the Daohugou area, Inner Mongolia, China and its implications for palaeobiology and palaeogeography.

2015 AASP Student Research Grants

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

March 31, 2015

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

Three "Student Travel Award*" winners

Winners to each receive \$500

* These are for travel other than the annual meeting.

Katherine Glover (UCLA); International Limnogeology Congress (June 2015, Reno/Lake Tahoe, NV)
Purpose of travel: Presentation on "Paleoclimate from a 150,000 year record from Baldwin Lake, Southern California"
kcglover@ucla.edu

Rachel Lem (University of Liverpool); African Quaternary Environments (February 2015, Cape Town)
Purpose of travel: Presentation on "Towards an understanding of the millennial variability of the West African Monsoon system: a combined palynological and geochemical approach"
r.lem@liverpool.ac.uk

Alexander Wheeler (Rhodes University); XVIII International Congress on the Carboniferous and Permian (Kazan)
Purpose of Travel: Presentation on " Palynofacies of the No. 2 Coal Seam of the Witbank Coalfield (South Africa): implications for Permian climate change"
alex.thomas.wheeler@gmail.com

OBITUARY - ABBAS KIMYAI, PHD

by Lanny H. Fisk, PhD



Dr. Abbas Kimyai died on February 15, 2014, at the age of 83 in Fresno, California, and was buried at Belmont Memorial Park in Fresno. Abbas was born in Tehran, Iran, but worked for many

years in the oil industry and academia in the United States. He is survived by two children and their spouses: daughter Laleh Kimyai-Harris and her husband Kenneth of Fresno, and son Kayvan Kimyai and his wife Jeannie of Los Gatos, California. His grandchildren are Madison Virginia Harris, Jonathan Jared Kimyai, and Kathryn Chloe Kimyai.

Abbas received both a B.A. in teaching from Teachers College of Tehran and a B.S. in geology from Tehran University both in 1956 and a Ph.D. in palynostratigraphy from New York University in 1964. At NYU he studied under L.R. Wilson, Calvin J. Heusser, Basil E. Balme, and Brooks F. Ellis. His dissertation was on plant microfossils from the Cretaceous Raritan Formation in New Jersey, U.S.A. and his research interests continued to be in the palynology of Cretaceous and lower Tertiary sediments, although he also published important papers on Devonian and Jurassic palynomorphs. Abbas retired in 2003 as Professor Emeritus of Geology at California State University Stanislaus in Turlock, California, where he was chairman of the Department of Geology for many years. Prior to going to CSUS in 1984, Abbas was Professor of Geology and Academic Dean of Tehran University in the capital of Iran. From 1976-1984, he also worked as a palynostratigrapher for Phillips Petroleum in Bartlesville, Oklahoma.

I have known Abbas for nearly 40 years. During those years I developed a real respect for this man. I was first introduced to Abbas in 1973, when I was a graduate student in the Geology Department at Michigan State University. Actually I didn't meet him personally at that time; that is, I did not actually shake his hand or look him in the eye in 1973. Rather, I met him first through his students – his students who held him in such high honor and respect – almost in revered awe. Abbas sent several graduate students to Michigan State University over the years to pursue PhDs in geology/palynology and they all spoke very highly of their former professor and Academic Dean back at Tehran University.

A few years later in 1976, I did have the opportunity to meet Abbas personally and I quickly saw what his students had seen – a man of stature, yet a genuinely personable guy, a true teacher who was also a friend, a respected leader but one who led by example and always with a smile and with enthusiasm. Abbas was inspirational; his excitement and enthusiasm for geology and palynology were infectious. He encouraged everyone with whom he came in contact.

When I think of Abbas, there are three words that come to mind: **Consistent** – Over the 40-plus years I knew him, Abbas did not change – or at least not much. Through trials, tribulations, set-backs, disappointments, sorrow, Abbas was always a Rock. I don't mean by that that Abbas was a stone. He was most definitely NOT a stone – weathered and worn, rounded by his travels through life. No, Abbas was not a stone; he was a Rock – slow to weather, standing out above the crowd. Others may have weathered or eroded away from the storms he endured, but Abbas stood tall, strong, still rooted in the Earth that he loved. To me Abbas was consistently a Rock.

Gentleman – From the first time I met Abbas, I saw him as a distinguished gentleman. In fact, he seemed so distinguished, so professional, that at first I thought that he must also be very formal. But, I soon found out that he was not. Rather, he was cordial, friendly, and always had a smile for everyone. Abbas was a true believer in that old saying: "If you see someone without a smile, give him one of one of yours." His smile was his trademark.

Professional – Abbas was always a professional scientist. Some may have known him best as an outstanding teacher and university administrator. I knew him as an outstanding scientist and one who made frequent contributions to science in spite of his heavy responsibilities as an academic leader. The first publication I have of his was published in 1969 and the last paper I have is dated 2000. He published on palynomorphs from lower Paleozoic to Recent and from Iran to South America, Alaska, California, and New Jersey. His contributions to the science of palynology were significant.

In summary, Abbas was a Rock, a gentleman, a professional scientist, an inspirational teacher, an excellent administrator, an outstanding father and grandfather, a friend. He was respected for all of these things and more. He was an inspiration to so many students and colleagues, and an inspiration to me. The world is a lesser place because Abbas is no longer with us.

UPDATE ON MEMBERSHIP FEES

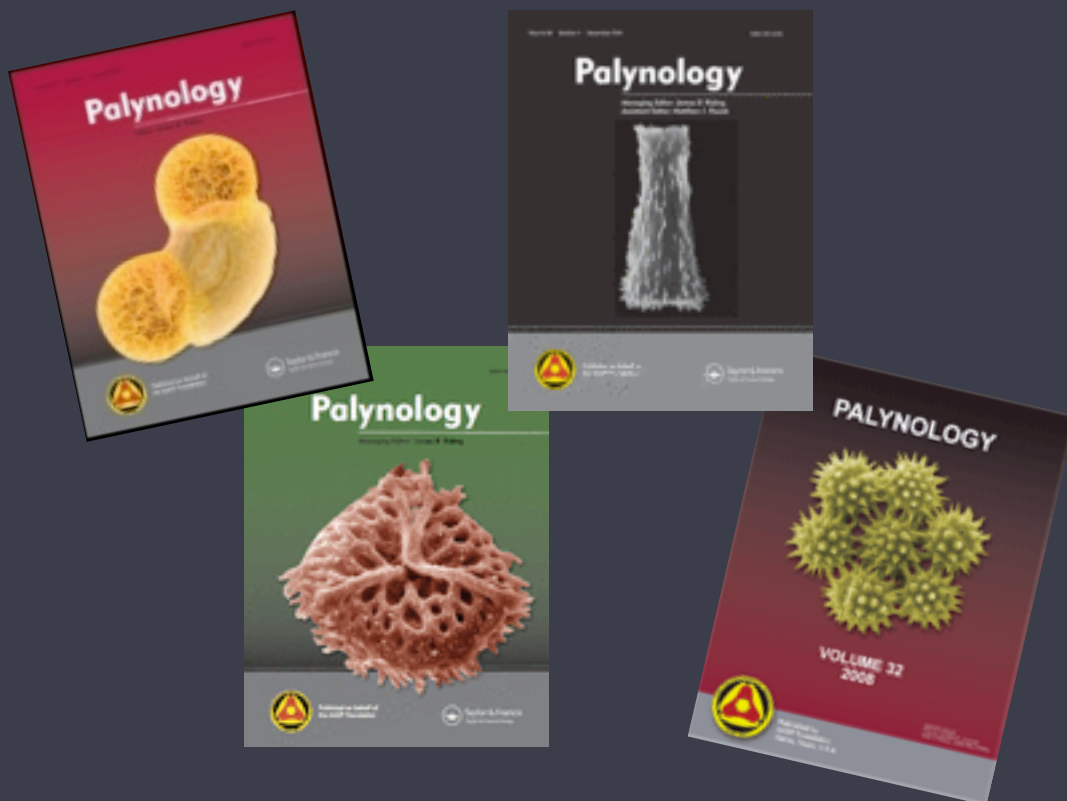
Dear members:

This year, the AASP-TPS Board of Directors have agreed to increase the page count for *Palynology*, this was done to keep up with the increased submission rate of high quality papers to the journal.

Now, members will get THREE issues of *Palynology*, and this change requires us to update the membership fee. BUT, we are only raising the dues by \$5.

New Annual Dues:

Individual membership receiving online access plus printed copies	US\$55.00
Individual membership receiving online access only	US\$50.00
Student membership receiving online access plus printed copies	US\$35.00
Student membership receiving online access only	US\$30.00
Retired membership (no journal)	US\$15.00





First McNeilly student Award

Congratulations to Anna Agosta G'meiner (anna.agostagmeiner@mail.mcgill.ca)
McGill University, Canada



I started my undergraduate degree as a mature student with a strong interest in environmental sustainability and resource management. Unsure of where to begin, I first pursued a major in environmental studies at the University of Toronto. It was in a first year physical geography course that I found my passion for examining earth systems. I promptly switched my major to physical geography and took as many courses in that field as I could. Notably, I participated in a group research project which examined the factors affecting the distribution and growth of red spruce in the Appalachian Mountain range in south-eastern Quebec. This was my first field experience which to my surprise I thoroughly enjoyed! I also pioneered an internship at the CARIBSAVE Partnership in Barbados. In this internship I used primary and secondary research on climate change impacts and vulnerabilities of several Caribbean countries to contribute to three publications as part of the CARIBSAVE Caribbean Climate Change Risk Atlas.

However, it was an independent study project under the supervision of Dr. Sarah Finkelstein that introduced me to the field of palynology. I worked on two small projects with Dr. Finkelstein, the first was the development of a pollen record used to infer vegetation changes and human impacts on Musselman Lake, in southern Ontario, and the second was the evaluation of various proxies used in the reconstruction of Quaternary sea level change in the Caribbean.

I decided to pursue an MSc degree combining my interests in the Caribbean region and paleoecological/paleoclimate research. It was again through the help and support of Dr. Sarah Finkelstein that I was able to connect with my current supervisor, Dr. Matthew Peros based at Bishop's University in Quebec.

In September of 2013, I started my MSc at McGill University in Physical Geography under the supervision of Dr. Matthew Peros, and co-supervision of Dr. Gail Chmura. My master's project focuses on tropical palynology and will develop a long-term record of vegetation change from a flooded sinkhole in northern Cuba. There is a limited understanding of Holocene climate variability in the insular Caribbean, in part because of a lack of suitable lakes from which to collect long sedimentary sequences. The purpose of this research is to help fill this gap by providing high-resolution proxy data from a sediment core collected on Cayo Coco, north-central Cuba. A 300 cm core was collected in June 2014 and a series of 15 AMS radiocarbon dates indicate that the sediments accumulated over the last 9000 calendar years. Pollen analysis will be used to identify past changes in regional vegetation and to examine if events such as the Little Ice Age, the Medieval Warm Period, and severe droughts recorded in other Caribbean locations are detectable in the pollen record.



A note from history!

By Thomas Demchuk

Merrell Miller found these old AASP logos in Len Eames' archives. Apparently Len was the keeper of the original AASP logo contest back in 1967, and kept copies of all the original submissions. Enjoy !

On page 13 are the original 11 logos that went to the membership for vote. Page 14 displays the additional logos that were either omitted or submitted late to the competition.

Of considerable interest is Doug Nichol's original letter (below) to Len Eames/AASP regarding his logo submission (to the left) which eventually became the winning one, and is currently still our logo (with a minor modification from our name change a few years ago).



Chevron U.S.A. Inc.

1700 Broadway, P.O. Box 599, Denver, CO 80201

September 21, 1977

Dr. Leonard E. Eames
Amoco Production Company
Research Center
P. O. Box 591
Tulsa, Oklahoma 74102

Dear Len:

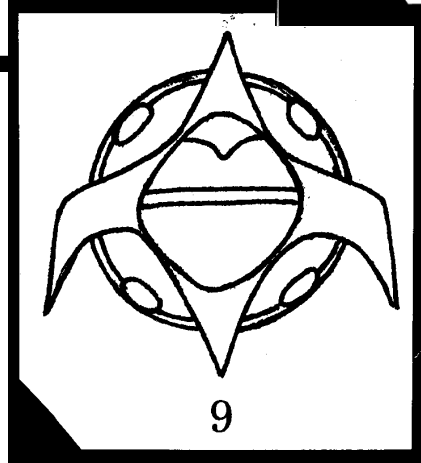
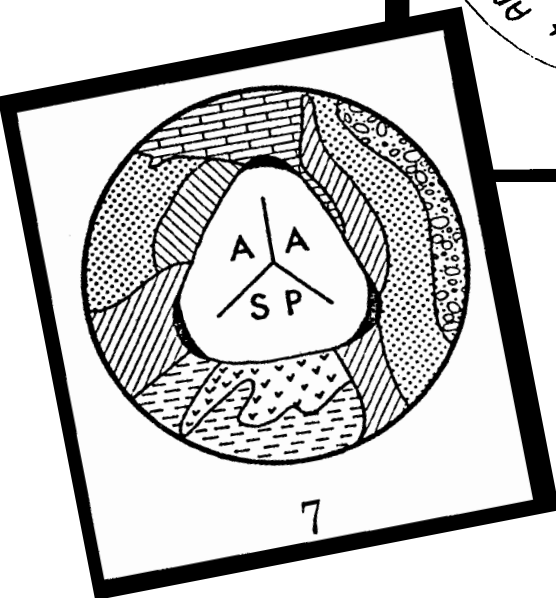
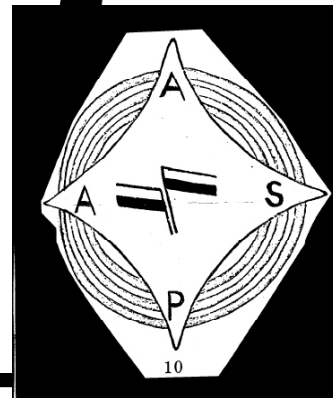
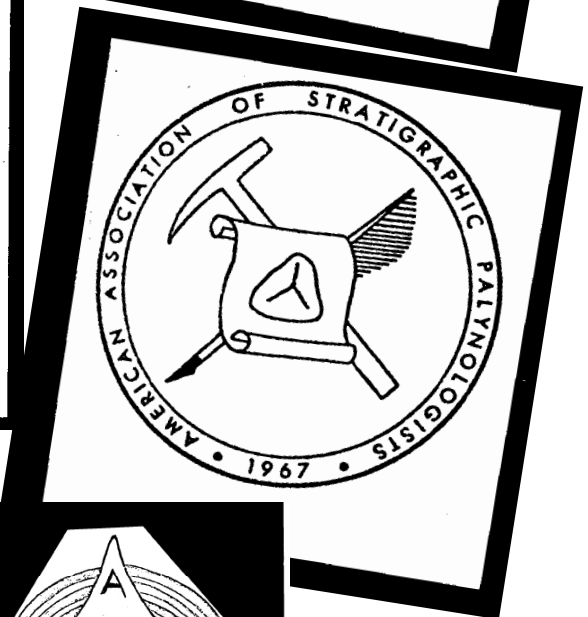
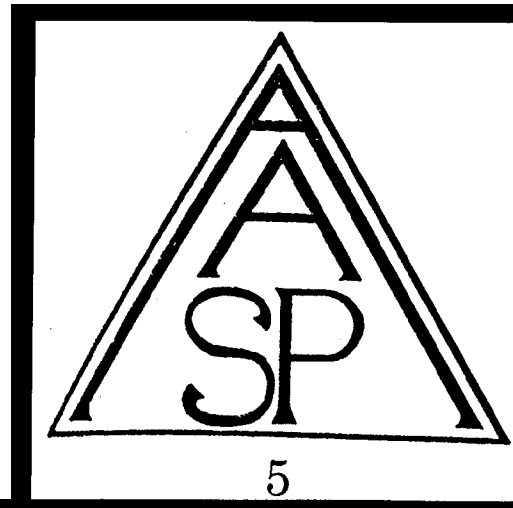
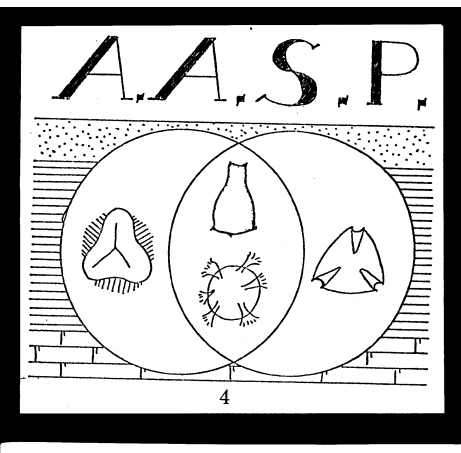
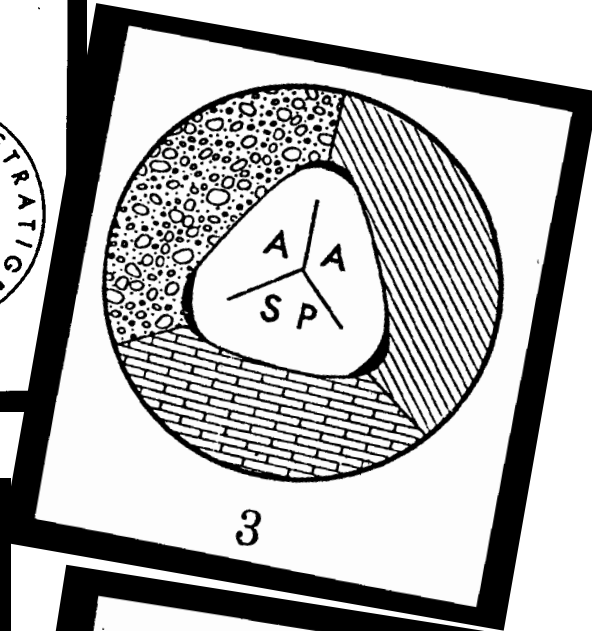
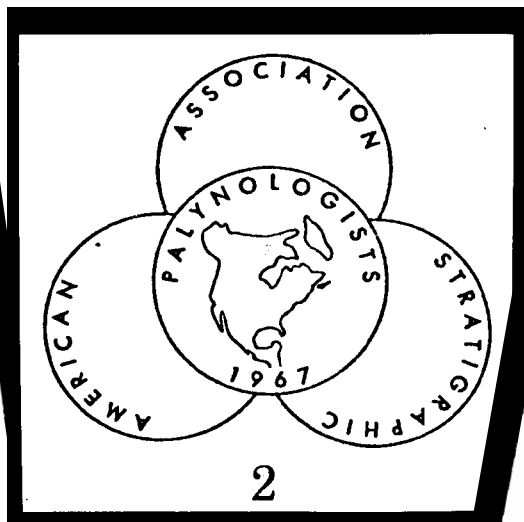
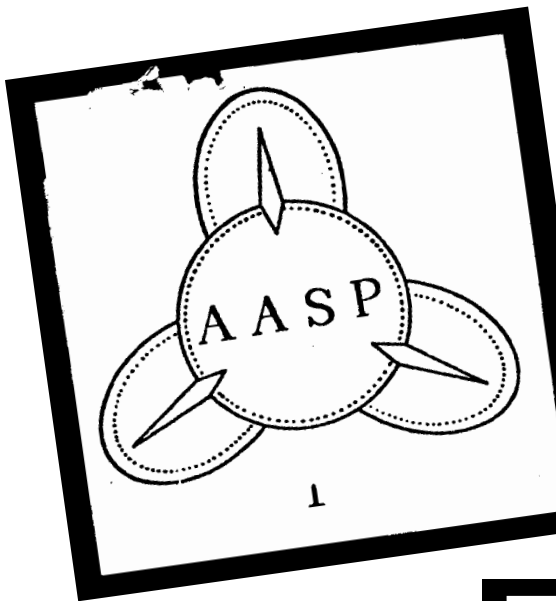
The A.A.S.P. does need a logo, in my opinion. I submit this one for consideration. Its attributes are simplicity, symmetry, and subtlety.

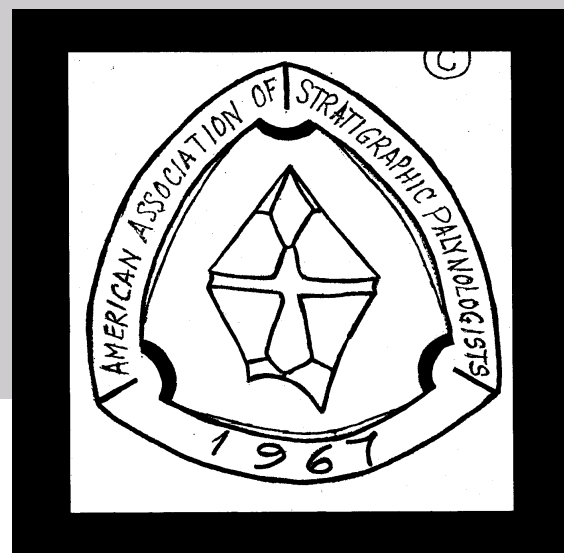
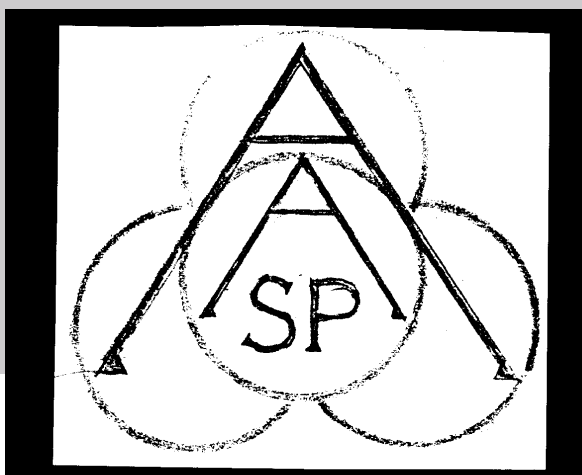
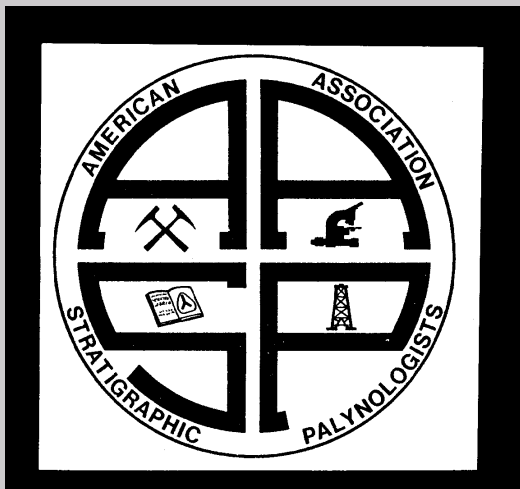
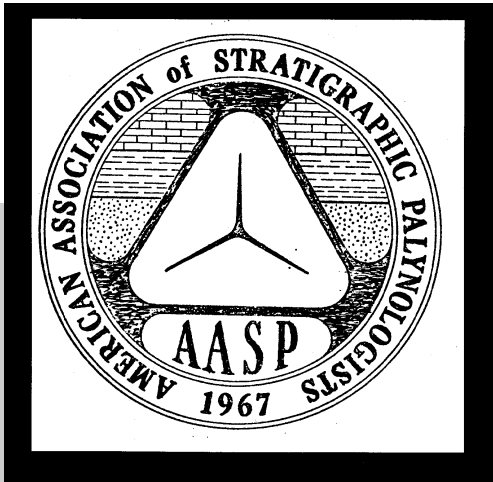
Let's see if we can get this entry and the others you have submitted to the membership for a vote.

Best regards.

Sincerely,

D. J. Nichols





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Proposed By-Law Amendments
As voted upon by the Board-of-Directors, May 10, 2014

ARTICLE TWO
MEMBERS

Classes of Members

2.01 Membership shall be open to all persons and organizations interested in the science of palynology and the corporation shall have four classes of members. The designation of such classes and the qualifications and rights of the members of such classes shall be as follows:

(a) Individual Members - Individual members shall be persons who are or have been engaged in the science or practice of palynology; who are or have been engaged in the gathering and dissemination of palynological information; or who are engaged in paleontological, botanical, geological, or other pursuits compatible with the objectives of the association.

(b) Institutional Members - Institutional members shall be those firms, institutions of higher learning, or other organizations interested in fostering the science of palynology. Institutional members shall have the right to appoint a person as their designated representative. Such person shall enjoy all the privileges of the association except that they, or their representatives, shall not hold office or vote. Notwithstanding any of the above limitations, a designated representative of an institutional member, who is also an individual member, may so continue to exercise his/her membership rights and privileges on his/her own behalf.

(c) Honorary Members - Honorary membership will be awarded on a majority vote of the Board of Directors to persons, members or non-members of AASP, who have made distinguished contributions to the science of palynology. Such persons will enjoy all privileges of active membership, but will not be required to pay annual dues.

(d) Retired Members - Retired members shall be persons who are retired from professional activities in palynology. Retired members will pay annual dues to AASP at a rate to be established by the Board of Directors, and will enjoy all privileges of active membership, with the exception of receiving the journal Palynology. A retired member can revert to full individual membership at any time.

NEW WORDING:

2.01 Membership shall be open to all persons and organizations interested in the science of palynology and the corporation shall have four classes of members. The designation of such classes and the qualifications and rights of the members of such classes shall be as follows:

(a) Individual Members - Individual members shall be persons who are or have been engaged in the science or practice of palynology; who are or have been engaged in the gathering and dissemination of palynological information; or who are engaged in paleontological, botanical, geological, or other pursuits compatible with the objectives of the association.

(b) Student Members - Student members shall be persons who are registered full-time students at an Institution of higher-learning. Student members will pay annual dues at a rate to be established by the Board of Directors, and will enjoy all privileges of active membership. Student members may become full Individual members at any time.

(c) Retired Members - Retired members shall be persons who are retired from professional activities in palynology. Retired members will pay annual dues to AASP at a rate to be established by the Board of Directors, and will enjoy all privileges of active membership excepting receipt of Palynology. A retired member can revert to full individual membership at any time.

(d) Honorary Members - Honorary membership will be awarded on a majority vote of the Board of Directors to persons, members or non-members of AASP, who have made distinguished contributions to the science of palynology. Such persons will enjoy all privileges of active membership, but will not be required to pay annual dues.

Election of Members

2.02 Persons, firms, institutions or organizations desiring membership shall submit their applications, accompanied by their first year's annual dues (in US dollars) to the Secretary-Treasurer.

NEW WORDING:

2.01 *Persons desiring membership shall submit their applications, accompanied by their first year's annual dues (in US dollars) to the Secretary and Treasurer.*

Resignation

2.05 Any member may resign by filing a written resignation with the Secretary-Treasurer, but such resignation shall not relieve the member so resigning of the obligation to pay any dues, assessments, or other charges theretofore accrued and unpaid.

NEW WORDING:

2.05 *Any member may resign by filing a written resignation with the Secretary, but such resignation shall not relieve the member so resigning of the obligation to pay any dues, assessments, or other charges theretofore accrued and unpaid.*

ARTICLE THREE MEETINGS OF MEMBERS

Special Meeting

3.02 A special business meeting of the corporation may be called by the President, the Board of Directors, or not less than a majority of the members by petition. Prior to calling such a special meeting, the Secretary-Treasurer must be informed sixty (60) days before the meeting. The Secretary-Treasurer will then notify the general membership at least thirty (30) days before the special meeting.

NEW WORDING:

3.02 *A special business meeting of the corporation may be called by the President, the Board of Directors, or not less than a majority of the members by petition. Prior to calling such a special meeting, the Secretary must be informed sixty (60) days before the meeting. The Secretary will then notify the general membership at least thirty (30) days before the special meeting.*

Notice of Meeting

3.04 Written or printed notice stating the place, day and hour of any regularly scheduled meeting of members shall be delivered, either personally, by mail, or electronically to each member, not less than ten (10) days before the date of such meeting, by or at the direction of the President, or the Secretary-Treasurer, or the officers or persons calling the meeting. In case of a special meeting, or when required by statute or these by-laws, the purpose or purposes for which the meeting is called shall be stated in the notice. If mailed, the notice of a meeting shall be deemed to be delivered when deposited in the mail and addressed to the member at his or her address as it appears on the record of the corporation, with postage thereon prepaid. If sent electronically, it shall be deemed to be delivered when confirmation of the message being sent is noted on the sending device.

NEW WORDING:

3.04 *Written or printed notice stating the place, day and hour of any regularly scheduled meeting of members shall be delivered, either personally, by mail, or electronically to each member, not less than ten (10) days before the date of such meeting, by or at the direction of the President, or the Secretary, or the officers or persons calling the meeting. In case of a special meeting, or when required by statute or these by-laws, the purpose or purposes for which the meeting is called shall be stated in the notice. If mailed, the notice of a meeting shall be deemed to be delivered when deposited in the mail and addressed to the member at his or her address as it appears on the record of the corporation, with postage thereon prepaid. If sent electronically, it shall be deemed to be delivered when confirmation of the message being sent is noted on the sending device.*

ARTICLE FOUR

BOARD OF DIRECTORS

Numbers and Tenure

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

NEW WORDING:

4.02 *The number of Directors shall be **nine**. 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, Webmaster, Newsletter Editor, and four (4) Directors-at-Large, all twelve (12) of whom shall be members of and constitute the Board of Directors.

NEW WORDING:

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 nine of whom shall be members of and constitute the Board of Directors.*

Election and Term of Office

5.02 The officers of the corporation shall be appointed annually by the Board of Directors after the annual election of the Board of Directors, and after the newly constituted Board of Directors shall have taken office at the end of the annual business meeting. Further, the Board of Directors shall appoint officers to each office of the corporation as determined by the vote of the membership. Such vote by the membership shall be held in conjunction with the annual election of the Board of Directors. Except as stated in the Article 5.03, each officer shall hold office until his or her successor shall have been duly elected. The President, President-Elect, Past-President, and the Directors-at-Large shall not succeed themselves. The Secretary, Treasurer, Managing Editor and Webmaster may succeed themselves in office.

NEW WORDING:

5.02 *The officers of the corporation shall be appointed annually by the Board of Directors after the annual election of the Board of Directors, and after the newly constituted Board of Directors shall have taken office at the end of the annual business meeting. Further, the Board of Directors shall appoint officers to each office of the corporation as determined by the vote of the membership. Such vote by the membership shall be held in conjunction with the annual election of the Board of Directors. Except as stated in the Article 5.03, each officer shall hold office until his or her successor shall have been duly elected. The President, President-Elect, Past-President and Directors-at-Large shall not succeed themselves. The Secretary, Treasurer, and Managing Editor may succeed themselves in office.*

Articles 5.10 Webmaster and Article 5.11 Newsletter Editor will be deleted.

Directors-at-Large

5.12 The Board of Directors shall include four (4) Directors-at-Large who shall be elected for two (2) year terms with two (2) Directors-at-Large to be elected annually.

NEW WORDING:

5.10 *The Board of Directors shall include three (3) Directors-at-Large who shall be elected for two (2) year terms. Two*

Directors-at-Large will consist of Individual members in good-standing each of whom shall serve a two-year term, and will be elected in alternating years. One Director-at-Large shall consist of a Student member in good standing, who shall be elected to a two (2) year term.

ARTICLE SIX

General

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 Nomination Committee shall consist of five members in good standing who are not current corporation officers or officers of AASP Foundation.
2. The Nominating Committee and its chairman shall be appointed by the incoming Board during the annual meeting. Members of the Nominating Committee shall serve for one term.
3. Persons nominated by the Committee shall be contacted by telephone to determine:
 - a) That they are members in good standing. (Affirmative answers should be confirmed by the Secretary-Treasurer prior to candidate selection).
 - b) That they are willing to be nominated for a particular office, and that they will serve if selected and subsequently elected.
 - c) That they will be able to attend the mid-year and annual executive meetings during the tenure of their office.
4. Following his or her verbal acceptance, the nominee should be sent a form letter of acceptance to sign and return to the Chairman. The Nominating Committee Chairman is responsible for drafting, sending, and receiving these letters.
5. Candidates for each office should be selected from among the nominees by majority vote of the members of the Nominating Committee. The Nominating Committee Chairman has the responsibility for informing each candidate of his or her selection and the office for which he or she is a candidate.
6. The list of candidates, their biographies, and their letters of acceptance constitute the final report of the Nominating Committee. The report must be sent to the Board of Directors by February 15 by the Secretary-Treasurer. Except for obvious errors, the report should be accepted by the Board of Directors without alteration. The Board of Directors will resolve any problems and present a ratified list to the President by March 1. Following presentation, a copy of the ratified report will be given to the Ballot Committee Chairman, who will have been selected from among the Directors-at-Large at the preceding annual meeting.
7. The final list of candidates may be augmented by petition, as provided for in Article 7.03 of the AASP by-laws.

- b. Ballot Committee - the Ballot Committee shall be appointed during the annual meeting by the incoming Board of Directors. The committee shall consist of one member of the Directors-at-Large as Chairman, and two other members in good standing. The Ballot Committee shall be charged with preparation, distribution, receiving and counting ballots cast in elections or other matters requiring a vote by the members. The Ballot Committee shall hold all ballots until the specified closing date, at which time ballots shall be opened and counted and the results reported to the Board of Directors through the Secretary-Treasurer. The President shall notify all candidates of the election results.

NEW WORDING:

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 five members in good standing, at least three of whom are not current corporation officers or officers of AASP Foundation.*
2. *The Nominating Committee and its chairman shall be appointed by the incoming Board during the*

annual meeting. Members of the Nominating Committee shall serve for one term.

3. Persons nominated by the Committee shall be contacted by telephone or electronically to determine:
 - a. That they are members in good standing. (Affirmative answers should be confirmed by the Secretary and Treasurer prior to candidate selection).
 - b. That they are willing to be nominated for a particular office, and that they will serve if selected and subsequently elected.
 - c. That they will be able to attend the mid-year and annual executive meetings during the tenure of their office, either in person or electronically.
4. Following his or her verbal acceptance, the nominee should be sent a form letter of acceptance to sign and return to the Chairman. The Nominating Committee Chairman is responsible for drafting, sending, and receiving these letters.
5. Candidates for each office should be selected from among the nominees by majority vote of the members of the Nominating Committee. The Nominating Committee Chairman has the responsibility for informing each candidate of his or her selection and the office for which he or she is a candidate.
6. The list of candidates, their biographies, and their letters of acceptance constitute the final report of the Nominating Committee. The report must be sent to the Board of Directors by February 15 by the Secretary. Except for obvious errors, the report should be accepted by the Board of Directors without alteration. The Board of Directors will resolve any problems and present a ratified list to the President by March 1. Following presentation, a copy of the ratified report will be given to the Ballot Committee Chairman, who will have been selected from among the Directors-at-Large or President-elect at the preceding annual meeting.
7. The final list of candidates may be augmented by petition, as provided for in Article 7.03 of the AASP by-laws.

b. Ballot Committee - the Ballot Committee shall be appointed during the annual meeting by the incoming Board of Directors. The committee shall consist of one member of the Directors-at-Large or the President-elect as Chairman, and one other member in good standing. The Ballot Committee shall be charged with preparation, distribution, receiving, and counting ballots cast in elections or other matters requiring a vote by the members. The Ballot Committee shall hold all ballots until the specified closing date, at which time ballots shall be opened and counted and the results communicated to the President and Secretary, then reported to the Board of Directors through the Secretary. The President shall notify all candidates of the election results.

g. Branding and Web Presence Committee – the Branding and Web Presence Committee shall be appointed by the Board of Directors at least once every five years to 1) review the security of the society's web presence (website, etc.) and oversee necessary changes, and 2) review the quality and value of the society's display & marketing materials. The committee shall consist of the webmaster, secretary, treasurer, and at least one additional society member at a minimum.

Ex-Officio Board Members

6.07 The following are permanent non-voting, non-elected board member roles established by the by-laws and are to be conducted within the following guidelines.

- a. The Newsletter Editor. The Newsletter Editor shall be appointed and approved by the Board of Directors and will be under the guidance of the Secretary. The Newsletter Editor may be replaced upon their resignation or at the discretion of the Board of Directors. The Newsletter Editor shall be responsible for publishing the quarterly AASP Newsletter in a timely manner; and shall routinely distribute news and technical information of interest to the membership. He/She shall solicit pertinent material for publication in the Newsletter; and provide services as the Board of Directors may from time to time direct. The Newsletter editor may be invited to attend the annual board meetings by the Board of Directors.
- b. The Webmaster. The Webmaster shall be appointed and approved by the Board of Directors and will be under the guidance of both the Secretary and Treasurer. The Webmaster may be replaced upon their

resignation or at the discretion of the Board of Directors. The Webmaster shall be responsible for managing the AASP website. This includes 1) routinely distributing news and technical information among the membership through this electronic medium, including information about the Annual Meeting, Newsletter, Journal, and other publications, 2) facilitating collection of annual dues and other online payments, 3) facilitating the on-line membership database, 4) making routine updates to the content on the website, and 5) providing similar electronic services as the Board of Directors may from time to time direct. The Webmaster may be invited to attend the annual board meetings by the Board of Directors.

ARTICLE SEVEN

NOMINATION AND ELECTION OF THE BOARD OF DIRECTORS

Procedure

7.01 The Nominating Committee shall propose no more than two (2) candidates for each Board membership. The Nominating Committee shall submit to the Secretary-Treasurer by February 15 of each year a list of nominees, together with a statement that all submitted nominees will accept the positions upon election. Not later than May 1, the names of candidates for the Board as submitted by the Nominating Committee shall be mailed or sent electronically to the membership. This communication may quote Article 7.02. (These dates assume a fall Annual Meeting. Deadlines stated in this Article may be altered as need be to meet Annual Meeting dates).

7.02 Additional nominations may be made by any member in good standing by submitting a petition, signed by at least nine (9) other members in good standing, to the Secretary-Treasurer by June 15.

7.03 The Ballot Committee shall arrange for the preparation and distribution of the ballots to members on or before July 1. Ballots returned to the Ballot Committee prior to the final closing date of August 15 shall be valid; abstaining votes and ballots received later than the closing date shall not be valid. A plurality vote shall be necessary and sufficient for election. In the event of a tie vote, a runoff election will be held. The Ballot Committee shall count all valid ballots and report the results to the Board of Directors through the Secretary-Treasurer.

NEW WORDING:

7.01 *The Nominating Committee shall propose no more than three (3) candidates for each Board membership position. The Nominating Committee shall submit to the Secretary by February 15 of each year a list of nominees, together with a statement that all submitted nominees will accept the positions upon election. Not later than May 1 the names of candidates for the Board as submitted by the Nominating Committee shall be mailed or sent electronically to the membership. This communication may quote Article 7.02. (These dates assume a fall Annual Meeting. Deadlines stated in this Article may be altered as need be to meet Annual Meeting dates).*

7.02 *Additional nominations may be made by any member in good standing by submitting a petition, signed by at least nine (9) other members in good standing, to the Secretary by June 15.*

7.03 *The Ballot Committee shall arrange for the preparation and distribution of the ballots to members on or before July 15. Ballots returned to the Ballot Committee prior to the final closing date of August 15 shall be valid; abstaining votes and ballots received later than the closing date shall not be valid. A plurality vote shall be necessary and sufficient for election. In the event of a tie vote, a runoff election will be held. The Ballot Committee shall count all valid ballots and report the results to the Board of Directors through the Secretary.*

ARTICLE EIGHT

CONTRACTS, CHECKS, DEPOSITS, AND FUNDS

Checks and Drafts

8.02 All checks, drafts, or orders for the payment of money, notes, or other evidence of indebtedness issued in the name of the corporation shall be signed by such officer or officers, agent or agents of the corporation and in such manner as set

forth in Article 5.06 of these by-laws or as shall from time to time be determined by resolution of the Board of Directors. In the absence of such determined by the Board of Directors, such checks, drafts, or other evidence of indebtedness issued in the name of the corporation shall be signed by the Secretary-Treasurer, and countersigned by the President or President-Elect of the corporation.

NEW WORDING:

8.02 All checks, drafts, or orders for the payment of money, notes, or other evidence of indebtedness issued in the name of the corporation shall be signed by such officer or officers, agent or agents of the corporation and in such manner as set forth in Article 5.06 of these by-laws or as shall from time to time be determined by resolution of the Board of Directors. In the absence of such determined by the Board of Directors, such checks, drafts, or other evidence of indebtedness issued in the name of the corporation shall be signed by the Treasurer, and countersigned by the President or President-Elect of the corporation where necessary.

ARTICLE FOURTEEN
AMENDMENTS TO THE BY-LAWS

14.01 Amendments to these by-laws may be proposed by the (1) Board of Directors or, (2) submitted to the Secretary-Treasurer by petition and signed by at least ten (10) members in good standing. The Board of Directors shall review each proposed amendment for clarity of meaning and to insure compatibility with other parts of the by-laws. Proposed amendments, if approved by the Board of Directors, and with the approval of the petitioners, shall (1) be submitted to the members together with a mail or electronic ballot which shall state a closing date for ballots to be received by the Ballot Committee, such date to be not less than forty-five (45) days after ballots are sent or, (2) the amendment(s) may be voted who have executed proxies in writing or by their duly authorized attorneys-in-fact as prescribed in Article 3.07 of these by-laws, and in either case shall be passed by a two-thirds affirmative vote of the members voting. "Members" as used in this Article refers to members in good standing as defined in Article 2.08 of these by-laws.

Proposed by-law amendments shall be published in the AASP Newsletter at least six (6) months prior to being put to the membership for vote to insure that adequate time for discussion and communication with the By-laws Committee is available to the membership.

Ballots shall be returned to the Ballot Committee and counted and reported as provided for in these by-laws.

Results of voting on amendments to the by-laws shall be reported to the membership in a publication of the corporation.

NEW WORDING:

14.01 Amendments to these by-laws may be proposed by the (1) Board of Directors or, (2) submitted to the Secretary by petition and signed by at least ten (10) members in good standing. The Board of Directors shall review each proposed amendment for clarity of meaning and to insure compatibility with other parts of the by-laws. Proposed amendments, if approved by the Board of Directors, and with the approval of the petitioners, shall (1) be submitted to the members together with a mail or electronic ballot which shall state a closing date for ballots to be received by the Ballot Committee, such date to be not less than thirty (30) days after ballots are sent or, (2) the amendment(s) may be voted who have executed proxies in writing or by their duly authorized attorneys-in-fact as prescribed in Article 3.07 of these by-laws, and in either case shall be passed by a two-thirds affirmative vote of the members voting. "Members" as used in this Article refers to members in good standing as defined in Article 2.08 of these by-laws.

Proposed by-law amendments shall be published in the AASP Newsletter at least six (6) months prior to being put to the membership for vote to insure that adequate time for discussion and communication with the By-laws Committee is available to the membership.

Ballots shall be returned to the Ballot Committee and counted and reported as provided for in these by-laws.

Results of voting on amendments to the by-laws shall be reported to the membership in a publication of the corporation.

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 **2015** "membership" drive is on now. Your contribution may be made by personal check or by a pledge which is *payable on or before* **DECEMBER 2015**.

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.

2015 AASP Foundation Century Club Contribution Form

Name: _____

Address: _____

Mail to:

**Robert T. Clarke, Treas.
AASP Foundation
3011 Friendswood Drive
Arlington
Texas 76013**

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

March 3, 2015

Dear Member Society President/Executive Director/Council Representative,

As part of the American Geosciences Institute's mission to bring together the wide array of geoscientists, we see EARTH Magazine as a means to relate the breadth of the science to everyone in our community. To this end, we seek your help in offering a free 90-day (3 issues) digital trial to EARTH Magazine for your members. As you are probably aware, AGI has published EARTH since 1956 (formerly Geotimes until 2008) and, now with the U.S. publishing landscape shifting rapidly to digital, we are in a position to offer three months of the digital edition of EARTH FREE to all the geoscientists belonging to our 50 member societies.

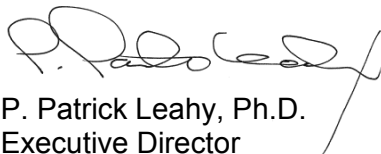
All we ask is that you make your membership aware of this offer and provide them with the following URL

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which goes to a web page with easy to follow instructions where they can sign up for free three months of EARTH in their favorite digital format. For those that already subscribe, they will get 3 free months added on to the end of their existing digital subscription! There is absolutely NO obligation to your members. Those that sign up for the trial will be provided the opportunity to renew as a regular subscriber. EARTH is only \$20 annually in digital format, anywhere in the world.

We appreciate your time and consideration. If you are willing to participate, please email John Rasanen at jr@earthmagazine.org and he will assist you.

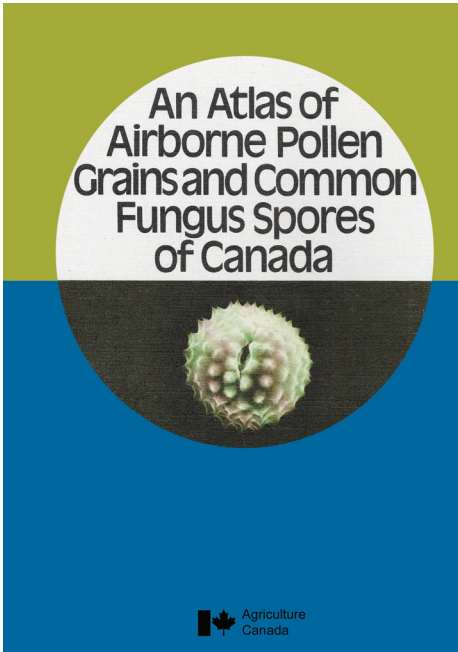
Sincerely,


P. Patrick Leahy, Ph.D.
Executive Director

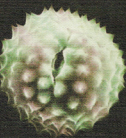


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AASP Foundation 2013
Dallas, Texas, U.S.A.
ISBN: 978-0-931871-09-2

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CONFERENCES and COURSES

2015 AASP Annual Meeting Update



AASP – The Palynological Society will hold its 2015 meeting as part of the 2015 Annual Meeting of the Geological Society of America (GSA) in Baltimore, Maryland, USA. The meeting is scheduled for Sunday, November 1 through Wednesday, November 4. There will be a pre-conference field trip on Saturday, October 31 and a post-conference field trip on Thursday, November 5. The conference will be hosted at the Baltimore Convention Center, which is located adjacent to Baltimore's renowned Inner Harbor. Because we will be meeting as part of the larger GSA conference, arrangements for registration, housing and abstracts will be handled by GSA through their website, www.geosociety.org. The GSA has a firm abstract deadline, which is normally in July.

One goal of the conference committee is to propose at least four AASP sponsored or co-sponsored topical or theme sessions and to also solicit talks for general palynology session(s). At present, we are pursuing several possible theme session topics, all of these potentially co-sponsored with other societies: Integration of Sedimentology and Microfossils; Rot in the Fossil Record; The Role of Paleontology in Geologic Mapping; and Quaternary palynology.

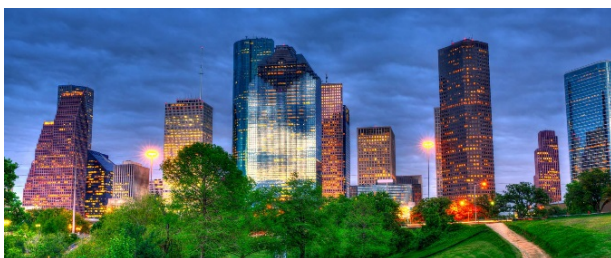
We enthusiastically encourage AASP members to suggest sessions or, even better, to offer to chair and organize a session. Sessions co-sponsored with other organizations are welcome. Please contact Pete McLaughlin (ppmclau@udel.edu) if you are interested in proposing or co-chairing a session. Sooner rather than later would be appreciated -- avoid the holiday rush! The GSA deadline for submission of a final list of AASP-proposed sessions is February 1, 2015.

Planning is underway for two field trips, which will emphasize AASP interests but will be offered through GSA to attract other interested participants. One field trip being investigated will examine the Cretaceous of Maryland, emphasizing the Potomac Group, an interesting interval that records angiosperm evolution in pollen and has yielded important finds of charcoalfied flowers. Another trip is being planned to examine application of palynology to climate, sea-level rise, and land use issues in modern environments near the Chesapeake Bay and Potomac River.

We are planning at least one social event in the Little Italy/Inner Harbor-area along with the AASP business luncheon. Incoming and outgoing board meetings will be held immediately before and after the technical sessions, respectively. Dates will be announced once finalized with venues and/or GSA.

Pete McLaughlin, Lucy Edwards, and Debra Willard are serving as the planning committee for the 2015 meeting. More information on AASP activities and schedules will be included in forthcoming AASP newsletters.

Peter P. McLaughlin, Jr., Ph.D., P.G.
Senior Scientist, Delaware Geological Survey, University of Delaware
DGS Building, 257 Academy Street
Newark, DE 19716-7501
email: ppmclau@udel.edu -- phone: 302-831-8263 -- fax: 302-831-3579
home page: <http://www.dgs.udel.edu/profile/peter-p-mclaughlin>



JOINT MEETING TSOP - AASP - ICCP

The Society for Organic Petrology, AASP-The Palynological Society
and the International Commission for Coal and Organic Petrology

September 18 – 23, 2016

Houston, Texas USA

FIRST CIRCULAR

We are pleased to present the initial announcement regarding this first historic joint meeting of these three related geological, geochemical and biological scientific societies. The purpose of this joint meeting is to bring together a diverse group of scientists to discuss the close relationships between organic petrology and palynology, to foster thoughtful discussion and address issues that may be of benefit to furthering the respective sciences. Key themes to be addressed during joint activities include palynofacies and source rock assessment.

The venue for this meeting will be the historic Magnolia Hotel in downtown Houston. The Magnolia was built in 1926 as the former Post-Dispatch Building. It was re-purposed in 2003 as The Magnolia Hotel, and further underwent a significant upgrade in 2009. The hotel is centrally located in downtown within walking distance of excellent restaurants and pubs. Over the past several years downtown Houston has undergone a major revitalization with many new office buildings, exciting arts and entertainment venues, and several world-class restaurants. We believe the downtown will provide exciting possibilities for every need and want.

The meeting will begin with TSOP and ICCP technical sessions and commission meetings on Monday and Tuesday, sessions for all three societies on Wednesday, and sessions and commission meetings for ICCP and AASP on Thursday and Friday. Each of the societies will have ample opportunity to conduct their needed business meetings. Social activities are also being planned accordingly, although a couple of evenings will be open to allow members to enjoy the nightlife of downtown Houston. The Conference Dinner for all attendees is being planned for Wednesday evening and will showcase views of the area skyline.

Houston is a significant transportation hub and the international airport (IAH) is serviced by all major airlines from Europe and Asia. Both airports (IAH and HOU) are serviced by the major US-based airlines. Transportation to and from the hotel area from both airports is available via taxi, shuttle, and MetroBus. Further information on fares and routes will be distributed in later circulars. Our current negotiated room rate at The Magnolia hotel is US\$179/night (single occupancy). Double- and triple- occupancy will be priced accordingly. This room-rate includes a complimentary hot breakfast, a late afternoon happy hour (complimentary beer/wine), a complimentary bedtime cookie buffet, and free internet.

The local Organizing Committee consists of Thomas Demchuk (ConocoPhillips), Jen O'Keefe (Morehead State U.), Thomas Gentzis (Core Laboratories) and Joe Curiale (Chevron). Over the next several months we will do our best to keep the societies and membership informed of new events and deadlines. In the very near future we will be soliciting ideas and potential speakers for our joint technical sessions. We look forward to a great joint meeting in September of 2016.

FIRST ANNOUNCEMENT

ADVANCED COURSE in

Jurassic-Cretaceous-Cenozoic

ORGANIC-WALLED DINOFLAGELLATE CYSTS

Morphology - Stratigraphy - Palaeoecology

When: September 13th-19th, 2015

Where: Heidelberg, Germany

**Costs: Academic €400; Consultant €800;
Industry €1200**

**Pre-registration: email your name and
affiliation to info@lpp-foundation.nl**

**More info: info@lpp-foundation.nl;
www.lpp-foundation.nl**



The course takes place in Heidelberg, Germany, which is close to the large international airport of Frankfurt.

An excursion will bring you to the UNESCO world heritage Lake Messel quarry, an Eocene crater lake deposit.

Following the course, we have organised a special workshop in which the latest developments on Arctic and Nordic dinocyst biostratigraphy are presented.

Presented by

**Peter Bijl, Appy Sluijs (Utrecht University, NL); Martin Head (Brock University, Canada);
Jörg Pross (Heidelberg University, Germany); James Riding (BGS, UK);
Poul Schiøler (GNS, NZ)**

With contributions from:

**Rob Fensome, Graham Williams (GSC Atlantic, Canada); Martin Pearce (Evolution Applied, UK); Roel Verreussel,
Dirk Munsterman, Alexander Houben (TNO, NL); Henk Brinkhuis, Francesca Sangiorgi (Utrecht University, NL)**

Local coordinator: Jörg Pross (Heidelberg University, Germany)

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**UNIVERSITÄT
HEIDELBERG**
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MORGAN GOODALL PALAEO PTY LTD



Universiteit Utrecht



Investigating environmental (climate and vegetation) change of eastern Amazonia during Pleistocene and Holocene using multi-proxy analysis

The project:

The Amazon rainforest constitute almost 50% of modern rainforest area of the world, forming the largest continuous area of tropical forest on the planet. The vegetation of Amazonia is important to regional and global hydrological cycle and carbon budgets. For example Amazonian forests and soils form about 10% of the global terrestrial carbon pool. Therefore the release of this carbon through climate change or human actions would have global consequences.

Of special interest in this project is the reconstruction of late Pleistocene and Holocene environmental changes from different regions in Amazonia in particular (1) vegetation change and plant diversity dynamics, (2) climate changes including the dynamic of the Intertropical Convergence Zone (ITCZ) and (3) the role of El Niño Southern Oscillation (ENSO) events, (4) fire history and its impact on ecosystems as well as (5) past human impact. We want also to study the timing of vegetation and climate change in different regions of Amazonia, its driving forces as well as the response time of vegetation change on variations in precipitation and seasonality. Understanding past environmental change and the ecological response will provide important insights to understand modern and to predict future changes. This project will be an important contribution to the Global Change thematic.

The under graduate student will meet following topics during her/his visit to department:

1) Introduction to pollen morphology, 2) Introduction to main pollen grain found in sediments from South America, 3) Introduction to main climatic events of South America during Pleistocene and Holocene, 4) Pollen and charcoal analysis techniques, 5) Producing pollen diagram using Tilia, Tilia graph and CONISS, 6) Preparing age-depth model in R, 7) Multivariate analysis and ordination of pollen dataset, 8) Introduction to preparing simple map using GIS and remote sensing for scientific papers, 9) Working with online pollen databases.

The nominated student will contribute to a palynological study on the history of northerneastern Amazon rainforest. Work includes sample preparation, pollen counting and identification, charcoal analysis, producing and interpretation of pollen diagram, statistical analysis, basic map production and writing paper.

The department, the university and the city:

Department of palynology and climate dynamics is one of the most international departments in University of Göttingen with staff from eleven countries working on South America, Africa, Middle east, Asia and Europe. In cooperation with other institutes in university or in Germany, we have all equipment to implement world leading research in the field of palaeoecology and palynology. Every semester we have different seminars and courses presented by institute staff or visiting scientists. Working together under supervision of very well experienced scientists we publish considerable number of papers in peer reviewed journals every year. The nominated PhD student will work in South American research team under supervision of two PhD students and co-supervision of Prof. Dr. Hermann Behling.

The 280 years old Georg-August-Universität Göttingen which has a world reputation because of world class institutes in science and 47 Nobel Prize laureates who have studied, taught or made contributions here to date, has belonged to top two German universities between 2010 and 2014 based on Times Higher Education world university ranking.

Göttingen, the City of Science and bicycle is a small cozy city with five Max Planck Institutes, a high ranked university and nice inhabitants and international students who commute mainly by bike. City center is a short pedestrian zone with plenty of shops, popular brands and cafes. In weekends students enjoy beautiful forested hills and beautiful villages around Göttingen and its nice lakes where summer sports are held.

Kamaleddin Alizadeh

Ph.D student

Department of Palynology and climate dynamics

Wilhelm-Weber-Str.2a

37073 Göttingen

Email: kamal.alizadeh@biologie.uni-goettingen.de

Homepage: <http://www.uni-goettingen.de/en/alizadeh-kamaleddin-msc/447132.html>

CIMP Meeting 2015

The next CIMP meeting will be held in Bergen, Norway in September, 2015.



This meeting is intended to bring together specialists in Palaeozoic palynology in order to present their work and to discuss various topics that are relevant to a wide range of scientific disciplines, but that cannot always be accommodated in larger, non-specialized, general conferences.

Some of the questions that will be addressed are: What is the current taxonomic status of Paleozoic organic-walled microfossils (acritarchs, chitinozoans, spores, scolecodonts and others)? What are the recent advances in our understanding of the biological affinities of acritarchs and chitinozoans? What are the best approaches to understanding global changes of palynological assemblages? How can we raise awareness of the societal impact of our science? What are the recent advances in industrial applications of Palaeozoic palynology? We think that this is an opportune time for the Paleozoic palynology community to reaffirm its role in the many and varied fields of modern Earth Science.

In order for people to take part in the optional one-day excursion in the Oslo area on Wednesday, September 16th, we recommend flying into Oslo Tuesday night. The excursion will be led by Professor Hans Arne Nakrem from the Natural History Museum in Oslo and he will guide us in the Lower Paleozoic sedimentary rocks of the Oslo area. The excursion will end at the Gardermoen/Oslo airport in time to catch a flight to Bergen, enabling us to take part in the ice-breaker in Bergen the same evening.

Thursday and Friday September 17 and 18th are devoted to talks and posters.

There will also be a gala dinner (additional charge) on Friday, September 18th.

The University of Bergen is a city campus and distances are short so it is easy to get around in the city. The University campus will provide a nice venue for

the event, as will Bergen's seven moun-

tains surrounding the city center. Bergen provides many tourist sites, including the fish market and Bryggen wharf, the latter on the UNESCO's heritage list. The conference dinner (which will be optional) will take place on Fløyen, one of the seven mountains. A funicular will take us there.

We will offer on Saturday, September 19th, an optional, full day excursion to Finse, the highest point on the railway between Bergen and Oslo. Professor Atle Nesje will be our guide and take us to the glacier to look at glacially derived deposits, glacial processes, and the glacier itself. We will thus be able to see the effects of recent glaciation and use that to compare to the many Paleozoic periods in the geological record when ice-sheets covered parts of the globe. Thus, this optional trip will combine scientific relevance with a beautiful tourist activity. In the distance we will also see the Hallingskarvet thrust sheet occurring as an elongate cliff on top of Lower Paleozoic rocks. We will return to Bergen late the same evening, enabling people to plan for their return flight any time during Sunday.

All information regarding costs and logistics will be available by March 15th, 2015 and payment will be online. We will do our best to keep registration fees as low as possible, especially for students and researchers who are in need of financial support to participate.

Registration date and abstract deadline will be May 10th, 2015.

We hope to see all of you in Bergen next September! The Organizing Committee: Gunn Mangerud, Gilda Lopes (co-organizers), Marco Vecoli (past CIMP president), Reed Wicander (CIMP president).



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 stratotypes, 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, Aquitaine 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 française), 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 (paleoclimatology 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



INTERNATIONAL 2ND WORKSHOP ON THE TAXONOMY OF PLIOCENE TO MODERN *SPINIFERITES* AND *ACHOMOSPHERA*

Ghent University - VLIZ
Belgium
6-8 July 2015

Taxonomy and morphological variation
Phylogeny and evolution
(Paleo)-ecology
Biostratigraphy

Organizing committee:
Kenneth Mertens
Stephen Louwye
Pieter Gurdebeke
Willemijn Quaijtaal

Image courtesy of Audrey Limoges

Contact information: kenneth.mertens@ugent.be

