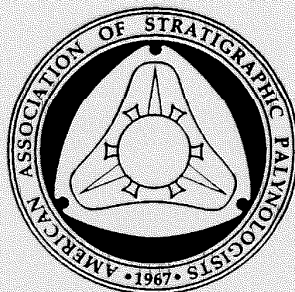


A.A.S.P. NEWSLETTER

Published Quarterly by the American Association of Stratigraphic Palynologists Inc.

July, 1999 Volume 32, Number 2

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A.A.S.P.

American Association of Stratigraphic Palynologists Inc.

The American Association of Stratigraphic Palynologists, Inc. - AASP - 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* (annually), 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)

AASP Board of Directors Award recipient

Robert T. Clarke (awarded 1994)

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)

AASP Distinguished Service Award recipients

Robert T. Clarke (awarded 1978)
Norman J. Norton (awarded 1978)
Jack D. Burgess (awarded 1982)
Richard W. Hedlund (awarded 1982)
John A. Clendening (awarded 1987)
Kenneth M. Piel (awarded 1990)
Gordon D. Wood (awarded 1993)
Jan Jansonius (awarded 1995)
D. Colin McGregor (awarded 1995)
John H. Wrenn (awarded 1998)

Awards at each Annual Meeting: Unocal Best Applications Paper Award, Best Student Paper Award, and Best Poster Award.

Student Scholarships to support studies in palynology. Currently up to two scholarships of \$1000 (U.S.) each annually. 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 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 Scholarships are available to all students of palynology in all countries. Students need not be AASP members. Application forms appear in the January issue of the AASP Newsletter. Chairman of the AASP Awards Committee is Owen K. Davis (palynolo@geo.arizona.edu).

AASP Membership Application - Membership in AASP is for the calendar year. Dues are \$30.00 U.S. per year for individuals and \$40.00 U.S. per year for institutional members. All members of AASP receive *Palynology* which is published annually, the AASP Newsletter, which is mailed out four times a year, and an annual Membership Directory.

Dues may be paid up to three years in advance. Overseas AASP Members (Individual or Institutional) who would like to receive their AASP Newsletter and *Palynology* by air mail, rather than book rate surface mail, need to include the applicable postage surcharge (noted below). Credit card users must pay a \$1.00 U.S. surcharge per transaction.

Air mail surcharge (increased for 1995 and beyond): Europe & South America: \$12.00 U.S. per year. Africa, Asia & Australia: \$15.00 U.S. per year. Credit card surcharge \$1.00 per transaction.



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Jan Willem Weegink, Editor

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The AASP 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 in the industry. Every effort will be made to publish all information received from our membership. Contributions which include photographs should be submitted a week before the deadline.

Deadlines for next issues of the newsletter, are August 31st and October 31st 1999. All information should be sent on computer disks (MS Word for Windows is best) or by email; if possible, send a hard copy. Always send a duplicate typescript of all electronic copy sent for checking. 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.

PRESIDENTIAL ADDRESS Chris Denison

The mid-year Board Meeting was held in Reno, Nevada on April 24. As has been the custom recently, the Board took the opportunity to visit a proposed locale for a future Annual Meeting. The proximity of the gaming tables also gave some Board Members the opportunity to contribute to the profits of our hotel/casino.

Fred Rich summarised progress on the organization for the AASP 1999 Annual Meeting in Savannah, Georgia, October 26-30. Everything is just about ready, so all you have to do is show up! For more information about Savannah and surrounding areas, check out the links on the AASP web site.

The most important decisions involved locations for upcoming Annual Meetings. At the past several Board Meetings we have discussed the extent of our involvement with the IPC in 2000 at Nanjing, China. After deferring the decision several times, a consensus emerged that there should be an AASP Annual Meeting as an alternative to the IPC, because many of our members may not be able to make the trip to China.

We decided that the AASP Meeting in 2000 will be fully integrated with the Geological Society of America Annual Meeting in Reno, Nevada, November 13-16. More information appears on the AASP web site, and check out <http://www.geosociety.org/index.htm> for the GSA web site.

As a new Affiliate Society of the GSA we wanted to be part of the GSA 2000 Annual Meeting, but still be able to accommodate the needs of the membership. A separate AASP Annual Meeting, immediately following the GSA Annual Meeting was debated, but for those wanting to attend both it would involve paying two registration fees.

There are several advantages to being an Affiliate Society of the GSA, not the least of which is that GSA handles the meeting organization. In addition to the regular Board Meetings and a Business Luncheon, we propose having two 'topical sessions' for oral presentations, and a poster session. This is less time for presentations than we usually have at our Annual Meeting, but it allows us to reach a broader audience, satisfies the need to get together to talk about 'bugs', and leaves time to attend other sessions.

Titles for the two 'topical sessions' and the poster session have yet to be decided. We need to showcase palynology as a distinct discipline, but under a broad umbrella, so that the diverse interests of the membership can be satisfied. Suggestions are welcome.

In 2001 we will return to our normal Annual Meeting format. This meeting will be in San Antonio, Texas, October 21-24. Tom Demchuk has already started the preparation work.

There was lively discussion about posting this Newsletter on our web site. Members would have the choice of an electronic version only, a hard copy version only, or both. The former would save a few trees, reduce the clutter in your office, and save several hundred dollars annually in printing and mailing costs. Web site posting of data files relating to articles published in Palynology and even electronic publication of Palynology are being considered. Pierre Zippi is chairing the ad hoc committee, which is considering these and other web site issues.

In the meantime, the dire predictions of '\$10-13 a barrel oil for the next few years' have been rapidly overtaken by the new wisdom of '\$17 a barrel for the next few years'. Oil companies continue to right-size (read 'reduce') staffing levels to contend with the former while at the same time pushing to increase production to take advantage of the latter. Exploration and production budget slashing to contend with '\$10-13 a barrel oil' has played havoc with consultants/business partners. As the budget cuts have worked their way through the pipeline, even the seemingly robust European biostratigraphic consulting industry eventually has retrenched.

Activity is now picking up response to the new wisdom. As the battered workforce hunkers down in front of the workstations, it is already apparent that we are stretched too thin.

Finally, I must apologize to Don Benson. It was Don who chaired the Nominating Committee, not Eddie Robertson as I wrote in my previous column. Don tweaked me severely, and rightly so, for my blunder.

Chris Denison -

From the Desk of Thomas D. Demchuk,
Secretary-Treasurer AASP
Mid-year Update of AASP Membership

Greetings! My first newsletter article as Secretary-Treasurer of AASP! I must admit I thought I had an idea of what I was getting into when I took over this position from David Pocknall in November. Then, with the New Year came the flood of 1999 membership renewals, credit card transactions to run for the Foundation stemming from the sale of Contribution Series 33 and 34, and the e-mails and reminder letters from members stating dues that had been paid and not credited? Oops! Too many late nights in my den, the noise of the credit card machine keeping my wife awake downstairs. I must say I have a new found respect for David and Gordon Wood who unflinchingly carried out the S-T duties for many years; David for five years and Gordon for seven (or was it ten?)!! They deserved hazard pay!. As well, I've learned just how important Vaughn Bryant and Bob Clarke are to the well-being and smooth running of this organisation. Next time you see them, shake their hands.

As of March 31st, our membership numbers are down to 750; this includes 632 individual members, 109 institutional members, and nine members who have chosen to take advantage of the "retired" members status. According to the numbers from Ensenada, this is a reduction of 63 total members. In this newsletter you will find a listing of former members who have been removed from the AASP membership for having their dues two years in arrears (last paid in 1996). Please check the list and contact those you recognise to catch up in their payments. Our organisation relies heavily on its membership numbers. Further, 75 members have not renewed since 1997, and 150 members have not renewed since 1998 (in total, almost a third of our current membership!). Please check your mailing label on the envelope from this newsletter. If it says 1997 or 1998, you need to send in your dues payments and get up-to-date!

From a financial standpoint, despite the membership setback, the AASP financial ledger looks good. Our everyday checking account is solid (approximately \$35,000 and holding), the scholarship account has taken a major shot-in-the-arm from some generous contributions and the sale of Contribution Series 34, and there are three CD's totalling approximately \$61,000 maturing regularly. One minor note of mention, however, is the increasing number of members using credit cards to pay for membership. From the recent 1999 renewals, almost one-third were via credit card. As an organisation AASP is charged 4.5% (increasing yearly) on every transaction, and despite the \$1.00 surcharge we actually lose money on credit card membership payments. One of my action items for the next board meeting will be to investigate other credit card clearing houses so as to avoid or decrease these costs.

Aside from my Secretary-Treasurer duties, I am really looking forward to the 2000 meeting in conjunction with GSA in Reno. This "Biggest Little City" was the site for our recent AASP mid-year board meeting, and we think it will be great venue for AASP (if we can keep everyone away from the slot machines). Fred Rich, Paul Strother and I will work hard with GSA to make sure AASP keeps its identity within the large stature of GSA, but it will also be a great opportunity for AASP members to be exposed and integrate with other facets of geology. We will be looking for volunteers to host theme sessions and fieldtrips, so please get in touch if you are interested in making Reno 2000 a huge success. Deadlines are already coming up. In Reno, we will still have our AASP Business Luncheon and probably an AASP "theme-night get-together", but for the most part, many of our activities will be within the larger framework of GSA. They have wonderful Icebreakers, Alumni gatherings, and theme events.

Further, I am just as excited to be involved with the 2001 meeting which will be held at the historic Menger Hotel, right next door to the Alamo in San Antonio, Texas, and one block away from the Riverwalk. The meeting will be held October 21-24, and the Texas weather should be great to get out and enjoy the San Antonio attractions. San Antonio is the "convention capital of the United States" and I think AASP members will see why in 2001.

Elsewhere in this newsletter, you'll find my "tongue-in-cheek" biography for the upcoming AASP election, and since I am running unopposed I can safely say that I am looking forward to serving the AASP membership for another year. My learning curve has been steep this year, and I'll put that experience to good use for next year. And speaking of experience, I'm always reminded of Gordon Wood's most helpful words, "Canada's a great country?. Molson in 24 packs and their dollar is only 65 cents! That's only 67cents (US) a beer!". I guess that's why he was such a good Treasurer. Cheers.

- Thomas D. Demchuk -

More from the desk of the Secretary-Treasurer

Below is the listing of AASP Members who have had their names removed from the master membership list since they are two years in arrears (last paid in 1996). If there is a name on this list which you recognize, and you feel they should be members of AASP (perhaps they have simply forgotten to pay their membership), please let them know. They WILL NOT be receiving any more newsletters or the next volume of Palynology. Thank you for your cooperation in keeping our membership healthy.

Nabil m. Aboulela, Said a. Al-hajri, Khalil r. Chowdhury, Ames G. Coda, Clara de Guerra, Estela de di Giacomo, Mina Evron, Lanny H. Fisk, Meriel E. Fitzpatrick, Charles T. Helfrich, Ramses P. Hoek, Donald J. Huebner, Gerald Islebe, J. P. Kokinos, Richard H.

Levy, On Litwin, Charles F. Love, Jean-Frank Mayagilo, F.-A. Neumann, Tung Duc Nguyen, Gary Allen Olmstead, Adewole C. Oyede, Robert L. Ravn, M. Shanmukhappa, Gerald R. Urquhart, U Thet Wai, Sophie A. Warny, Gillian M. Whelan, M. F. Whitaker, Yu-xing Zhou, Chevron USA, Inc., Elf Aquitaine (prod)
 International Subscriptions: Linda Hall Library, McMaster University Library, Pisa University, Rijks Geologische Dienst, Sarawak Shell Berhad, Sejong Books Inc., Statoil

1999-2000 BOARD OF DIRECTORS CANDIDATES
 ADDENDUM

For President elect:	Javier Helenes
	David Pocknall*
For Secretary/Treasurer:	Thomas Demchuck*
For Managing Editor:	David Goodman
For Director at Large:	Sharma Lynn Gaponoff
	Jim Riding
	John Firth*
	Dick Baker

* Bio's and/or pix not available in previous newsletter.

THOMAS DEMCHUCK

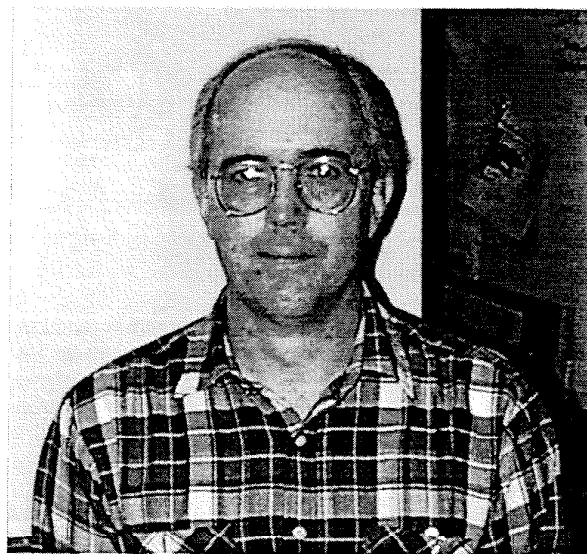


I am a dynamic figure, often seen scaling walls and crushing ice. I have been known to remodel train stations on my lunch breaks, making them more efficient in the area of heat retention. I translate ethnic slurs for Cuban refugees, I write award-winning operas, I manage time efficiently.

Occasionally, I tread water for three days in a row. I woo people with my sensuous and godlike trombone playing, I can pilot bicycles up severe inclines with unflagging speed, and I cook thirty-minute brownies in only twenty minutes. I am an expert in stucco, a veteran in love, and an outlaw in Peru. Using only a hoe and a large glass of water, I once single-handedly defended a small village in the Amazon Basin from a horde of ferocious army ants. I play bluegrass cello, I was scouted by the New York Mets, I am the subject of numerous documentaries. Along with this, I am dedicated to be AASP Secretary-Treasurer for the year 2000.

I have been an AASP member since the early 1980's. I served as Director-at-Large from 1992-1994, and on the organizing committee for the AASP Annual meeting in Banff 1990. Further, I am currently overseeing our first annual meeting as an Associated Society with the Geological Society of America in Reno 2000, and in charge of organizing what will hopefully be a very exciting Annual meeting in San Antonio for 2001. Graduating from the University in Calgary with my Ph.D. in 1992, I was employed with Amoco in Houston from 1992 through 1997, before joining Conoco in my current position as a Geological Advisor-Biostratigrapher in their Exploration Technology Group. I try to live life to the fullest, and remember the prophetic words of my former workmate Gordon Wood, "Don't drink that! You don't know where it's been?!".

JOHN FIRTH



John V. Firth received his B.S. in Geology at Virginia Tech in 1981, and stayed to get his M.S. degree in palynology under Dewey McLean in 1984. He received one of the first AASP student scholarships for his thesis on Maastrichtian/Danian dinoflagellates. He then went to Florida State University to get his Ph.D. studying calcareous nannofossils under Woody Wise. During his tenure at FSU, he sailed on the Ocean Drilling Program Leg 105 to Baffin Bay and the Labrador Sea, as a calcareous nannofossil specialist. On this cruise, he first met Martin Head and Anne de Vernal, and enjoyed talking dinos with them while studying much tinier microfossils. Finishing his PhD in 1989, he was hired at the Ocean Drilling Program at Texas A&M University as a staff research scientist. He sailed on 7 ODP cruises in the Pacific, Arctic, and North Atlantic and found that these cruises were always full of nannofossil specialists, so he instead looked for interesting palynology projects in the deep sea. In 1996, John became the Curator of ODP, where he supervises four core repositories and all curatorial/sampling activity on the ODP drillship. As an adjunct faculty member in the TAMU Department of Geosciences, he has had one M.S. student (Jennifer McMahon) in palynology graduate in 1997, and currently has one Ph.D. student (Oscar Yepes) studying Upper Cretaceous/Paleogene dinos from Colombia and Venezuela. His research interests remain with Upper Cretaceous and Paleogene dinoflagellate and calcareous nannofossil biostratigraphy and paleoecology, palynofacies, and paleoceanography. John has been a member of AASP since 1982,

and he helped a little in organizing some tours/field trips for the 1994 AASP meeting in College Station.

DAVID POCKNALL



David T. Pocknall joined AASP in 1985 after severe coercion from Doug Nichols. It was the best career move he ever made! He is presently working as a paleontologist and Stratigraphy Network Leader for BP Amoco based in Houston, Texas. David graduated with a Ph.D. from the University of Canterbury, Christchurch, New Zealand in 1978 and began working for the New Zealand Geological Survey, Lower Hutt, in 1979. His thesis was on modern pollen rain and studies of the pollen of New Zealand gymnosperms. At the Survey he specialized in Tertiary palynology, especially as it relates to coal and oil exploration. This led him to spending 2 years at the US Geological Survey working with Doug Nichols and Romeo Flores on the Paleocene and Eocene of the Powder River Basin, Wyoming. He also had brief forays into mapping, culminating in leading a field mapping team to the Convoy Range in Antarctica (not bad for a palynologists with a degree in botany!). Since joining Amoco in 1991 he has been working as a palynologist specializing in project work in Northern South America and the Caribbean (Venezuela, Colombia, Ecuador, Trinidad). Other project areas have included Egypt and North America.

David served as Secretary-Treasurer of AASP from 1993-1998 and was Chairman of the Nominating Committee in 1992. He was on the organizing committee of the 9th International Palynological Congress held in Houston in 1996 and co-led two fieldtrips associated with the meeting. He is a strong supporter of AASP and feels it provides a firm foundation for palynologists throughout the world to network for the good of the science of palynology, in addition to providing an opportunity to play some of the best golf courses in the world with some of the best golfers and nicest people you will ever meet!



AASP ANNUAL MEETING
SAVANNAH, GEORGIA (OCT 26-30)

Tuesday, October 26

4:00 Registration in the lobby of the Coastal Georgia Center
7:00-10:00 Icebreaker at the Savannah History Museum. Heavy hors d'oeuvres, beverages available at pay bar

Wednesday, October 27

8:30 - 10:00 Welcoming remarks, and General session in the auditorium, Coastal Georgia Center,
10:00 -10:20 Refreshment break (coffee and pastries, juice or soda)
10:20 -11:40 General session continues
12:00-1:20 Lunch on the town
1:20-3:00 Symposium, Short-term Palynological Records with Emphasis on Human Influences, chaired by Art Cohen
3:00-3:20 Refreshment break
3:20-4:40 Symposium continues, or General session, depending upon plans
Night on the town, and Board meeting in the Coastal Georgia Center

Thursday, October 28

8:30 10:00 Welcome, and General session
10:00-10:20 Refreshment break
10:20 -11:40 General session continues
12:00-1:20 lunch on the town
1:20-3:00 General session resumes
3:00-3:20 Refreshment break
3:20 - 4:40 General session resumes
Night on the town

Friday, October 29

8:30-11:40 Welcome, symposium on Cretaceous and Tertiary Palynology of the Atlantic Coastal Plain, Southeastern U.S., chaired by Joyce Lucas-Clark
11:40 Group photo
12:00-2:30 AASP Business Luncheon, Savannah History Museum.
2:30 - ? Afternoon on the town, and AASP Board meeting in the Coastal Georgia Center.

Interested parties (30 people) can leave at this time for a fieldtrip to the Savannah-Ogeechee Canal, sponsored by Georgia Southern University and Reinhardt College. Local history, and floodplain forest communities of the Ogeechee River will be discussed by Dr. Eddie Robertson and museum staff. There is no charge, but donations to the museum would be most welcome.

Saturday, October 30

8:00 Assemble at the Days Inn for fieldtrip to the Okefenokee Swamp. 40-45 people. Travel by bus, lunches, guidebook, and boat rental included. Total estimated cost is \$35.00/person. Return to Savannah at 6:00 or so for another night on the town.

Estimated registration cost for this meeting is US\$90.00, which includes the icebreaker, business luncheon, and program with abstracts. A block of 45 rooms is available at the Days Inn Historic District, and is being held under the name of A.A.S.P. Single/double occupancy rooms cost US\$80.64 (tax included), and are available now. We also have 5 1-bedroom suites available for \$103.04 (tax incl.).

The Days Inn may be reached at (912) 236-4440. Their FAX is (912) 232-2725. Transportation from Savannah International Airport will be provided by Coastal Transportation at a cost of \$10.00/person one way. They have a desk on the ground level of the terminal. The airport is several miles from the Days Inn, and this is a good rate for the distance travelled. The usual rental car agencies are also represented at the airport, as are various taxi companies. The taxis are much more expensive than Coastal Transportation, however.

Weather in Savannah in late October should be cool, but pleasant. The rainy season and hurricane season should be over by then. The Days Inn and Coastal Georgia Center are about a 15 minute walk from one another, though bus service is available. Ample parking is available at the Center as well. More details, including Fred Rich's suggested fun field trips for spouses will be posted on AASP's web site. A registration form, and abstract instructions will be published in the July AASP Newsletter.

The American Association of Stratigraphic Palynologists website has new information on the upcoming Annual Meeting in Savannah, Georgia (Oct 26-30), including abstract and registration forms and photos of Savannah's environs. Abstract deadline is August 31.

Check out:

<http://opal.geology.utoronto.ca:80/AASP/>

or contact Fred Rich at: frich@gasou.edu

LETTER OF DEDICATION AASP DISTINGUISHED SERVICE AWARD

Had I been asked to sketch a profile of the ideal candidate for the AASP Distinguished Service Award, I could have selected a no more appropriate model than the man we honor today. The professional career of Vaughn M. Bryant, Jr. has most capably addressed most of the objectives of AASP:

- to promote the science of palynology
- to foster the spirit of scientific research among its members and others engaged in this field of science
- to discover and gather information and data on the subject
- to disseminate that information and data to its members and the public alike
- to educate its members and the public in general in this area of science.

Indeed, those phrases constitute a ringing echo of Vaughn's AASP service.

Vaughn joined AASP in 1968 in its first year of existence, and his first AASP contribution was a coauthored paper presented at the 1971 AASP Annual Meeting in Tucson. His 1975 suggestion that AASP begin its own journal, rather than continue using *Geoscience and Man*, presaged an intense involvement in the Association's activities which continued unabated for 24 years. His clear and persuasive reiteration of the advantages of having our own journal convinced the Board of Directors Meeting in 1976 to launch AASP's own journal – titled simply *Palynology*. Vaughn was Co-Editor of the first issue of *Palynology*, assumed sole editorship the

next year, and in 1979 was elected the first Managing Editor of AASP's then burgeoning series of publications – a position he held for 4 years.

Vaughn was elected President-elect of AASP for 1983-84, and served as its President for 1984-1985. Since 1990 he has held the position of Secretary / Trustee of the AASP Foundation, and he was the AASP Representative to the International Federation of Palynological Societies from 1992 - 1996. Vaughn has been the General Chairman for two AASP Annual Meetings' and prepared the initial bid document for, and was Co-chair of the 9th International Palynological Congress. And, incidentally, along the way he found time to chair the Logo Selection Committee, the Nominations Committee, the Ballot Committee (twice), and the Public Relations Committee (for 4 years).

Those whose tenure on the Board overlapped Vaughn's were witness to his boundless energy, and the eagerness and willingness with which he undertook any responsibility, no matter the number of tasks to which he might already have been committed. Vaughn was one of the two AASP representatives on the Search Selection Committee for the first Director of the AASP Center for Excellence in Palynology (CENEX) at Louisiana State University, and subsequently served as one of the three members of an AASP Liaison Team which smoothed the Center's establishment. He has been the quintessential volunteer, and the depth of his commitment was never more evident than in his efforts on behalf of the 9th IPC. In the two months prior to that meeting, in addition to his teaching load, chairmanship of the Anthropology Department, his Congress responsibilities and overseeing the construction of his and his wife's dream home, he dealt with both a severe family illness and an injury he suffered in a serious laboratory accident. Despite all of this, his dedication never wavered, his work on the Congress continued unimpeded, and its success reflects the inestimable value of his leadership and management skills.

Alongside this array of leadership accomplishments stands an equally impressive list of technical achievements. Among these are: 5 symposia organized and chaired at AASP Annual Meetings; 7 books; 44 book chapters, invited articles and short articles; 35 refereed journal articles; 13 technical reports; 13 articles published in magazines and newsletters; 1 web site publication; and 14 papers presented at AASP Annual Meetings. And Vaughn has given 6 interviews or video presentations on major television networks, including CNN Science News, Fox News, PBS and NBC's *Today* show

Not only have Vaughn's written and oral presentations been noteworthy for their clarity and erudition, but his work has attracted the attention of both the popular press and the video media, and he has used these avenues to promote palynology before the non-palynological public. Major contributors to his success in the endeavors include an infectious personal charm, a relaxed manner, and the ability to write in a fashion which appeals to the audience of the moment.

In 1993 Vaughn's technical presentation won the Unocal Best Applications Paper Award, an unusual and signal achievement for a non-stratigraphic paper.

Vaughn, the Association herewith publically acknowledges your rich history of leadership and technical excellence, and expresses

its deepest and sincerest appreciation in the tangible form of its 11th Distinguished Service Award.

- Kenneth M. Piel -

LETTER OF DEDICATION
AASP MEDAL OF EXCELLENCE IN EDUCATION.

Dr. Cross has had a storied career as a researcher and educator in palynology and the related fields of paleobotany and coal geology. His introduction to these disciplines began at Coe College, Iowa. There he studied with a relatively new member of the staff, Leonard R. Wilson. "Doc" Wilson and Aureal published papers together ranging from palynological analyses of recent lake cores to the description of Pennsylvanian plant macrofossils. At Coe he also began a life long friendship with two students who also would be innovators in the field of palynology; James M. Schopf and Robert M. Kosanke. The latter would eventually become his brother-in-law.

Aureal's career range in expertise and experience included post graduate work at the University of Cincinnati, a teaching position in biology at the University of Notre Dame and dual appointments with the West Virginia Geological Survey and University of West Virginia. At Cincinnati he honed his interest and published several major papers on coal ball paleobotany with Professor J. Hobart Hoskins. These papers are still considered classics in the study of plant petrifications. In the late 1950's, at the West Virginia Geological Survey, he continued his study of coal balls and embarked on several major studies of the palynological correlation of coal seams. Aureal was one of the first in the field to recognize the paleoenvironmental importance of palynological information. In 1957, Mart Schemel, studying Pennsylvanian palynomorphs from coal seams, completed the first Ph. D. dissertation under the auspices of Dr. Cross.

With a focused vision on the power of this emerging discipline Aureal accepted a position with Pan American Petroleum Corporation, at their Tulsa Research Center to develop a palynology program for exploration and exploitation. His success in this endeavor resulted in the company (now BP Amoco) employing, over the next 30 years, more than 40 different palynologists, including many of his students.

In 1960 Dr. Cross accepted a position as Professor at Michigan State University, where he currently enjoys Emeritus status. It is in honor to his expertise that this was made a cross-departmental appointment with Geology and Botany. At Michigan State University Dr. Cross developed an internationally recognized teaching and research program for the study of palynology and paleobotany. Early in this new position he edited a major SEPM publication titled "Palynology in Oil Exploration." This paper became one of the foundations in stratigraphic palynology and was a major vehicle in opening new doors to industry employment for recent graduates.

Dr. Cross was always a fair taskmaster who tutored his students on the importance of being well rounded in the life sciences. When a candidate entered his program with a degree in Geology he/she was required to take the equivalent class hours required for a undergraduate major in Botany (and most were graduate level courses). If your degree was in Botany the reciprocal in Geology was compulsory. Most of his students learned very early that his 'bark was worse than his bite.' Aureal's greatest teaching tool was

not in his classes; they were late night, one-on-one, discussion. At midnight, or one in the morning, he would pull out a plant macrofossil or palynology slide and quiz the student (it was later that we realized he was actually preparing us for our oral exams). Dr. Cross was as demanding of himself as of his students. Always the protector and a well spring of encouragement to better ourselves as scientists. The results of his efforts are over 45 graduate students, 30 receiving Ph.D's, who received degrees under Dr. Cross. These individuals have held positions in academia, industry and government.

His Emeritus position has not dampened his pace. Over 81 years of age he is publishing, attending scientific conferences and conducting fieldwork. It was our honor to have studied with Dr. Cross and we are proud members of the fraternity of IBCOBCC (I've Been Chewed Out By Cross Club) students. We are still amazed at his uncanny ability to show-up, out of thin air, to 'encourage' us to get our final theses drafts in on time. He has been an educator to not only his own students but to palynologists and paleobotanists throughout the world. Aureal has received the highest awards from the Geological Society of America, Botanical Society of America and the American Association of Petroleum Geologists and we can think of no other individual who most richly deserves the AASP Medal for Excellence in Education.

- Dr. Gordon D. Wood -

- Dr. Leonard E. Eames -

AASP Newsletter report
The UK Palynological Scene

by James B. Riding - UK Correspondent

Another relatively quiet quarter in the UK to report. The informal meeting of the British Micropalaentological Society (BMS) Palynology Group to discuss future events and direction has not been rescheduled. The BMS Secretary, Jamie Powell, is making good progress in organising the Lyell Lecture at the Geoscience 2000 Meeting (Plankton Evolution and Climate Change symposium). So far, Hans Thierstein (Geological Institute, ETH-Zentrum, Zurich) has accepted the BMS invitation to present the keynote lecture on Tuesday the 18th April 2000. Other confirmed contributors and topics thus far include: Paul Bown (University College London) on Calcareous nannoplankton; Paul Pearson (Bristol University) on Planktonic Foraminifera; Jim Riding (British Geological Survey) on Dinoflagellates; Alain Le Hérisse (Brest University) on Acritarchs; Grant Bigg (University of East Anglia) on climate modelling and Sue Rigby (Edinburgh University)/Barrie Rickards (Cambridge University) on Palaeozoic macroplankton. Several other speakers are to be confirmed. AASP members are cordially invited to this meeting.

The speakers for the BMS Annual General Meeting for 1999 are Jan Pawlowski (Université de Genève) and Stephen Lowe (BP Amoco). Jan's talk is to be on *A molecular view on the origin, macroevolution and speciation of Foraminifera*. Stephen Lowe will speak on *The role and application of high resolution reservoir biostratigraphy in the hydrocarbon exploitation of the Cusiana and Cupiagua fields, Llanos foothills, Colombia*. The AGM will be held at University College London on the afternoon of Wednesday the 17th November 1999. AASP members are all welcome at this event too. Further information on all BMS meetings should be

sought from Jamie Powell at ajp@dinosystems.co.uk. The BMS Homepage can be found at:
http://www.nhm.ac.uk/hosted_sites/bms.

The long-awaited volume *Mesozoic and Cenozoic Sequence Stratigraphy of European Basins* edited by Pierre-Charles de Graciansky, Jan Hardenbol, Thierry Jaquin and Peter Vail has been published. This is SEPM Special Publication Number 60 and dated November 1998. It represents a major research effort in the detailed Mesozoic and Cenozoic sequence stratigraphy of Europe and was supported by many oil companies. The volume runs to 786 pages and comprises articles on many aspects of sequence stratigraphy authored by a host of expert specialists. It is accompanied by a large envelope containing eight large charts which illustrate the *Mesozoic and Cenozoic Sequence Chronostratigraphic Framework of European Basins*. The main authors to this are Jan Hardenbol, Jacques Thierry, Martin B. Farley, Thierry Jaquin, Pierre-Charles de Graciansky and Peter Vail. These six people pulled together an enormous volume of stratigraphical data and put them into charts so that biostratigraphical information can be cross-correlated and compared to isotopic data, palaeomagnetic events etc. These charts probably represent the most comprehensive stratigraphical compilatory exercise ever undertaken. Marine and terrestrial palynological data are prominent. Each period and group has a coordinator or coordinators, for example Messrs Williams, Brinkhuis, Bujak, Damassa, Hochuli, de Verteuil and Zevenboom coordinated the Cenozoic dinoflagellate cyst data. Every working stratigrapher should have access to a copy.

- James B. Riding -

MONTREAL WORKSHOP ON
ARCTIC DINOFLAGELLATE CYSTS
Report

An informal Workshop on Arctic Dinoflagellate Cysts was held at GEOTOP, Université de Québec à Montréal from March 15 to 19, 1999. This workshop focused on the systematics of recent dinoflagellate cysts from the arctic and subarctic regions and their applicability for paleoenvironmental reconstructions. Participants from Canada and several European countries (Norway, Denmark, Germany, France, United Kingdom and Netherlands) who are currently working in the polar regions attended this meeting.

The major goals of this workshop were to initiate a joint approach to standardizing the taxonomy and nomenclature of cold-water dinoflagellate cysts and to establish a common modern ecological data base for the arctic regions. The stimulus comes from recent paleoceanographic and paleoclimate investigations in the Arctic Ocean and adjacent subarctic seas, where several undescribed dinoflagellate cyst taxa have been recorded which apparently have quite specific ecological affinities. Since the early studies of Rex Harland and co-workers in the Beaufort Sea some 20 years ago, little progress has been made on the taxonomy of polar species. The workshop therefore began with the study of major Arctic taxa in order to improve taxonomic concepts of both described forms and those that are evidently related but presently undescribed.

Knowledge of the ecology of arctic species is still based on a relatively small data set from widely distributed areas of the Arctic region. Our revised taxonomic concepts will be used in the study of a new set of surface sediment samples from the Arctic shelf seas which will describe the distribution of taxa with respect to sea-surface conditions. The new data set will enlarge and extend the modern reference data base developed for the northern North Atlantic and adjacent basins using standardised laboratory

procedures and taxonomy into the Arctic ocean and circum-Arctic seas. A next 'rendez-vous' of the group has been set for spring (late April) 2000.

During the workshop the participants discussed the taxonomy of *Algidasphaeridium? minutum* and related taxa; the cysts of *Pentaparsodinium dalei*; a new taxon with possible affinities to *Polykrikos*; *Spiniferites frigidus*; together with *Operculodinium centrocarpum* sensu Wall & Dale and related morphotypes. The busy but stimulating schedule included a talk by Rex Harland on 'Dinoflagellate cysts from the bottom of the world' and by Martin Head on 'Pliocene dinoflagellates of the North Atlantic region: their biostratigraphy, ecology and versatility'.

More information about the workshop can be obtained from:

Anne de Vernal [r21024@er.uqam.ca]
Marianne Ellegaard [mariane@bot.ku.dk]
Kari Grøsfjeld [Kari.Grosfjeld@ngu.no]
Rex Harland [rexharland@msn.com]
Martin Head [head@quartz.geology.utoronto.ca]
Arun Kumar [akumar@ccs.carleton.ca]
Martina Kunz-Pirung [mpirung@awi-bremerhaven.de]
Jens Matthiessen [jmatthiessen@awi-bremerhaven.de]
Peta Mudie [mudie@agc.bio.ns.ca]
Niels Poulsen [nep@geus.dk]
André Rochon [rochon@agc.bio.ns.ca]
Jean-Louis Turon [turon@geocean.u-bordeaux.fr]

- Martin J. Head -

MEETINGS AND AGENDA

PALYNOLOGY AND MICROPALAEONTOLOGY IN
CANADIAN GEOSCIENCE:
NEW FRONTIERS AND APPLICATIONS

Symposium sponsored by the Canadian Association of Palynologists (CAP) to be held at GeoCanada 2000, Calgary, Alberta

The GeoCanada 2000 event is Canada's millennium conference of the major geoscience societies, including the Geological Association of Canada, and will be held in Calgary, May 29 - June 2. As part of this meeting, CAP will be sponsoring a symposium, featuring both oral and poster presentations, on "Palynology and Micropaleontology in Canadian Geoscience: New Frontiers and Applications".

Palynology and micropaleontology contribute to many branches and aspects of geoscience: biostratigraphy, paleoecology, vegetational history, maturation studies, evolution, past biodiversity, isotope studies, limnology, oceanography, and many others. To capture fully the Canadian scene, we welcome contributions on any locality from those working within Canada, and on Canadian sites from those working outside the country.

If you are interested in contributing to this Symposium, please contact either of the convenors:

- Alwynne B. Beaudoin (abeaudoi@gpu.srv.ualberta.ca) or
- Martin J. Head (head@quartz.geology.utoronto.ca).

A page has been set up on the CAP website:
<http://www.ualberta.ca/~abeaudoi/cap/cap.htm>
for information relating to this Symposium, as it develops.
- Alwynne B. Beaudoin -

PALAEONTOLOGY DOWN-UNDER 2000- For your diaries! Please find below the first circular for Palaeontology Down-Under 2000, a major palaeontological convention consisting of five

interlocking events - 3 conferences, 2 IGCP meetings and associated excursions to be held in Australia during July, 2000. For those interested in attending one or more of these events please register on-line at:
http://www.es.mq.edu.au/MUCEP/auscos/online_form1.htm

INQUA - COMMISSION OF THE HOLOCENE

Meeting 27. 3. - 31. 3. 2000 - Seville (Spain)

Second Circular / Call for Papers

TOPIC: Environmental changes during the Holocene: correlations between temperate and semiarid regions.

Environmental conditions during the last 10,000 years have been increasingly governed by the human factor and in some regions the climate controlled geodynamics have been altered. Geomorphic responses to climatic fluctuations and episodes vary spatially and temporally. We would like to shelter a forum for discussing the significance of climatic and anthropic impulses: High spatial variability of the paleoenvironmental processes in small areas is a major topic. This meeting of the Commission is intended to bring together new research conceptions from worldwide researchers. We invite applications for papers and posters on geo-pedology, sedimentology and geo-archaeology, case studies and new methodological developments in paleogeographical studies. Presentations will be up to 15 allowing 5 minutes for discussion. Official languages are English, French and Spanish.

For information please see

<http://www.ku-eichstaett.de/MGF/geo/inqua1.htm>

SIXTH INTERNATIONAL MEETING OF IGCP 421 North Gondwana Biogeography/Bioevent Patterns in Relation to Crustal Dynamics. The Meeting is to be held in Peshawar, Pakistan in conjunction with the First Pakistan Palaeontological Convention, from the 8th through to the 26th of September 1999. The program includes both pre and post conference excursions.

More information can be found at

www.es.mq.edu.au/MUCEP/igcp421/meetings/peshawar1.htm

or by contacting either Fazili-i-Rabbi Khan

rabbi@uop.pws.erum.com.pk

In May, 2001 the GAC-MAC Annual Meeting will take place in St. John's, Newfoundland. Since 2001 is the first year of the new millennium, we would appreciate any ideas people might have for paleontology-related fieldtrips, general/special sessions, symposia or workshops.

Suggestions may be sent to myself or Chris Pereira (cpp@zeppo.geosurv.gov.nf.ca)

Thanks in advance, Douglas Boyce, M.Sc., P.Geo., Provincial Palaeontologist, Government of Newfoundland and Labrador, Department of Mines and Energy, Geological Survey Division, Regional Geology Section, P.O. Box 8700, St. John's, NF, Canada A1B 4J6. Phone (709) 729-2163. Fax (709) 729-4270

wdb@zeppo.geosurv.gov.nf.ca

The British Micropalaeontological Society Annual Silicofossil Group meeting will take place at Bath Spa University College, UK, convened by Dr Simon Haslett, on Wednesday 8th September 1999.

If you are interested in attending, or presenting a talk, please contact Jenny Pike <pikej@cardiff.ac.uk>. The deadline for abstract submission is 15th August 1999. The BMS Silicofossil Group covers all aspects of siliceous micropalaeontology. If you know of anyone who may be interested in attending, please pass this message on to them.

We look forward to seeing as many of you there as possible!!

Jennifer Pike, Department of Earth Sciences, Cardiff University,
P.O. Box 914, Cardiff, CF1 3YE, UK
Direct Telephone: +44 (0)1222 875181
Department Office: +44 (0)1222 874830
Fax: +44 (0)1222 874326
Email: pikej@cardiff.ac.uk

AGENDA

Grazie al CAP website

1999

♦♦August 17-21 1999. 9th Canadian Paleontology Conference Calgary, Alberta. In association with the International Conference on the Carboniferous and Permian systems and the Pander Society. Details: Charles Henderson, Department of Geology and Geophysics, University of Calgary, Calgary, Alberta, T2N 1N4, Canada.

Tel: (403) 220-6170, E-mail: henderson@geo.ucalgary.ca

♦♦August 17-22 1999. Geological Society of America Penrose Conference: The Marine Eocene-Oligocene Transition Olympia, Washington, U.S.A. Details: D. Prothero, Department of Geology, Occidental College, Los Angeles, California, CA 90041, U.S.A. Tel: (213) 259-2557, Fax: (213) 259-2704,

Email: prothero@oxy.edu

♦♦August 20-29 1999. CANQUA Meeting Calgary, Alberta, Canada. Technical and poster sessions August 23-26, Field trips August 20-22, and August 27-29. Details: Dr Derald G. Smith, CANQUA Conference Chair, Department of Geography, University of Calgary, Calgary, Alberta, T2N 1N4, Canada, Tel: (403) 220-6191, Fax: (403) 282-6561,

E-mail: dgsmith@acs.ucalgary.ca

Conference website: <http://pc56.ss.ucalgary.ca/>

♦♦September 22-25 1999. 15th North American Diatom Symposium Pingree Park, Colorado State University, Colorado, USA. Details: Dr Sarah A. Spaulding, Department of Invertebrate Zoology and Geology, California Academy of Sciences, Golden Gate Park, San Francisco, California, CA 94118, USA.

Tel: (415) 750-7078, Fax: (415) 750-7090,

E-mail: spauldin@cas.calacademy.org, or Dr John C. Kingston, U.S. Geological Survey, 5293 Ward Road / MS 407, Arvada, Colorado, CO 80002, USA, Tel: (303) 467-8144, Fax: (303) 467-8240, E-mail: kingston@usgs.gov

Website:

<http://www.calacademy.org/research/diatoms/nads/nads.htm>

♦♦September 26-30 1999. The Society for Organic Petrology (TSOP), 16th Annual Meeting Salt Lake City (Snowbird Resort), Utah, USA. Details: Jeff Quick, Utah Geological Survey, 1594 West North Temple, Suite 3110, Salt Lake City, Utah 84114-6100 USA,

Tel: (801) 537-3372, Fax: (801) 537-3400,

E-mail: nrugs.jquick@state.ut.us

Website: <http://www.tsop.org>

♦♦October 25-28 1999. Geological Society of America, Annual Meeting. Denver, Colorado, U.S.A. Theme: "Crossing Divides". Details: General Co-chairs - Mary J. Kraus (Tel: (303) 492-7251, Fax: (303) 492-2606, E-mail: kraus@spot.colorado.edu) and David Budd (Tel: (303) 492-3988, Fax: (303) 492-2606, E-mail: budd@spot.colorado.edu), Department of Geosciences, Campus Box 250, University of Colorado, Boulder, Colorado, CO 80309-0250, USA

♦♦October 26-30 1999. AASP 1999 Annual Meeting. Savannah, Georgia. Details: Frederick J. Rich, Department of Geology and

Geography, Georgia Southern University, Statesboro, Georgia
30460-8149, USA, E-mail: frich@gasou.edu
Website: <http://opal.geology.utoronto.ca:80/AASP/>

2000

•Date: TBA. Canadian Paleontology Conference Antigonish, Nova Scotia, Canada

•June 2000. 17th International Radiocarbon Conference Near Jerusalem, Israel

Website: <http://www.radiocarbon.co.il/>

•May 29 - June 2 2000. GEOCANADA 2000 Joint meeting of Canada's major geoscience societies, including the Geological Association of Canada (GAC), the Mineralogical Association of Canada (MAC), the Canadian Society of Petroleum Geologists (CSPG), the Canadian Society of Exploration Geophysicists (CSEG), the Canadian Well Logging Society (COOLS) and others. Will feature a CAP-sponsored symposium on Palynology and Micropaleontology in Canadian Geoscience: New Frontiers and Applications University of Calgary, Alberta. Details: Dr Grant Mossop, Geological Survey of Canada, 3303-33rd Street N.W., Calgary, Alberta, T2L 2A7, Canada. Tel: (403) 292-7049, Fax: (403) 292-5377, E-mail: mossop@gsc.nrcan.gc.ca

•June 24-30 2000. 10th International Palynological Congress (IPC) Nanjing, China. Details: Secretary of the Organizing Committee for 10th International Palynological Conference, Nanjing Institute of Geology and Palaeontology, Academia Sinica, 39 East Beijing Road, Nanjing, 210008, People's Republic of China

Electronic version of first circular, with registration form, available at: <http://members.spree.com/sip/spore/index.htm>

Information on International Palynological Congresses is available at <http://geo.arizona.edu/palynology/ifps.html>

•July 12-14 2000. 5th International Ancient DNA Conference Manchester, England, U.K. Details: Terry Brown adna5@bi.umist.ac.uk

•July 30 - August 3 2000. Sixth Quadrennial Conference of the International Organization of Palaeobotany (IOPC IV - 2000) Qinhuangdao, Hebei, China. Details: Prof. Lujun Liu, Secretary-General of IOPC-VI Organising Committee, Nanjing Institute of Geology and Palaeontology, Academia Sinica, 39 East Beijing Road, Nanjing 210008, PR China, Tel.: +86-25-6637 208,

Fax: +86-25-3357 026 E-mail: paleobot@public1.ptt.js.cn

•August 6-17 2000. 31st International Geological Congress Rio de Janeiro, Brazil. Theme: "Geology and Sustainable Development: Challenges for the Third Millennium". Details: Secretariat Bureau, Av. Pasteur, 404 - Casa Brazil 2000 - Urca, Rio de Janeiro - RJ - Brazil, CEP 22.290-240.

Tel: 55 21 295 5847, Fax: 55 21 295 8094,

E-mail: 3ligc@3ligc.org

Website: <http://www.3ligc.org>

•week of August 20 2000. 8th International Symposium on Paleolimnology Queen's University, Kingston, Ontario, Canada. Details from co-organizers John P. Smol (smolj@biology.queensu.ca) and Brian Cumming (cummingb@biology.queensu.ca), Paleoeological Environmental Assessment and Research Lab (PEARL), Department of Biology, Queen's University, Kingston, Ontario, K7L 3N6, Canada. Details will also appear at the PEARL website at <http://darwin.biology.queensu.ca/~pearl/>

•September 4-8 2000. International Symposium, High Mountain Lakes and Streams: Indicators of a Changing World Innsbruck, Tyrol, Austria. Details: University of Innsbruck, Institute of

Zoology and Limnology, Technikerstr. 25, A-6020 Innsbruck, Austria.

E-mail: hmls2000@uibk.ac.at

Website: <http://zoology.uibk.ac.at/congress>

•November 13-16 2000. Geological Society of America, Annual Meeting. Reno, Nevada, U.S.A. Conference theme: "Crossing Divides". Details: GSA HQ, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301, U.S.A.

Tel: (303) 447-2020, X133, E-mail: meetings@geosociety.org

2001

•Date: TBA. GAC Meeting St John's

•Date: TBA. CANQUA Meeting Whitehorse, Yukon Territory, Canada (proposed).

•Date: TBA. Canadian Paleontology Conference London, Ontario, Canada

•May 29 - June 2 2001. Canadian Association of Geographers (CAG) Annual Meeting McGill University, Concordia University and Université de Montréal, Montreal, Canada. A joint event arranged by the three Montreal universities in celebration of the 50th anniversary of the founding of the CAG. Details:

Tim Moore (moore@felix.geog.mcgill.ca),

Patricia Thornton (thorpat@vax2.concordia.ca),

André Roy (royandre@ere.umontreal.ca)

•November 5-8 2001. Geological Society of America, Annual Meeting. Boston, Massachusetts, U.S.A. Details: GSA HQ, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301, U.S.A.

Tel: (303) 447-2020, X133, E-mail: meetings@geosociety.org

2002

•Date: TBA. GAC Meeting Saskatoon, Saskatchewan

•October 28-31 2002. Geological Society of America, Annual Meeting. Denver, Colorado, U.S.A. Details: GSA HQ, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301, U.S.A. Tel: (303) 447-2020, X133, E-mail: meetings@geosociety.org

2003

•Date: TBA. CANQUA Meeting Halifax, Nova Scotia, Canada (proposed).

•November 2-5 2003. Geological Society of America, Annual Meeting. Seattle, Washington, U.S.A. Details: GSA HQ, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301, U.S.A. Tel: (303) 447-2020, X133, E-mail: meetings@geosociety.org

WEBSITES

Excellent photomicrographs of freshwater algae can be found at <http://people2.clemson.edu/~sadvs/>

The BMS is pleased to announce the launch of a revised WWW site. The site can be accessed via the old address but is now also available via the unique domain name <http://www.bmsoc.org/>

Wondering where to submit that next ms? Looking for a forum that will get your work noticed? Why not consider submitting a paper to Palaeontologia Electronica? Palaeontologia Electronica (PE)-the world's first electronic paleontological journal-is now accepting manuscripts for volume 2, issue 2.

As an internationally-sponsored, peer-reviewed, general paleontological journal of the widest possible scope PE is committed to publishing the best paleontological research to be found; and doing so in the most accessible and innovative format available. Technical contributions in the form of papers, editorials,

book reviews, announcements, etc. from any branch of paleontology or related biological discipline and on any topic are welcome within its pages. All technical papers are reviewed by professional paleontologists and biologists (using advice from an international panel of associate editors), edited to be understandable to non-specialists, and published as html and pdf documents that accessible to all with Internet connections free of charge via the World Wide Web (WWW).

Unlike traditional print-based journals, PE is highly graphical in both format and content. Authors are encouraged to make use of color in their figures and tables and to include high-resolution digital images as illustrations. Moreover, PE encourages active experimentation with animation, 2D and 3D modeling of morphologies, online access to databases, and the creation of online data analysis tools. There are NO PAGE LIMITS and NO PAGE CHARGES for articles published in *Palaeontologia Electronica* (though all articles are professionally-edited to optimize their information content).

Who sees articles that appear in PE? Just about everyone with any serious interest in paleontology. Site access statistics are doubling with every issue and already surpass most print-based technical journals. Moreover, the science media pays attention to PE. Articles on the journal have recently appeared in *Science*, *Nature*, *Newsweek*, and *MacWeek*, as well as in many newspapers.

Concerned about archiving? No need. *Palaeontologia Electronica* articles are already listed by major reference services (e.g., *GEOREF*). At the end of this year archive CD's of the first issue will be distributed to sponsor societies for sale to their members, the general public, and libraries. In addition, a selection of libraries specializing in electronic documents will receive an archive copy of PE free of charge.

What sort of people publish in PE? Some of the most respected and innovative names in contemporary paleontology. Check out the table of contents for our previous three issues to see for yourself who and what is getting published in this exciting new format.

Issue 1.1: http://www-odp.tamu.edu/paleo/1998_1/toc.htm

Issue 1.2: http://www-odp.tamu.edu/paleo/1998_2/toc.htm

Issue 2.1: http://www-odp.tamu.edu/paleo/1999_1/toc.htm

We think you'll be pleasantly surprised.

Authors wishing to submit manuscripts for review should consult the following url for style and format guidelines.

<http://www-odp.tamu.edu/paleo/contrib.htm>

Norm MacLeod & Tim Patterson

Executive Editors, *Palaeontologia Electronica*

Calling all paleobotanists.... Photos of a beautifully preserved fossil flower, as well as a specimen that appears to be a seed capsule can be viewed at:

http://people.hofstra.edu/hu/faculty/bret_bennington/fossils/kplantfossils.html

These specimens were collected from ice-thrust deposits of Late Cretaceous sediments exposed in a few areas in the beach cliffs of Long Island's north shore. The formation that produced the fossils is probably either the Raritan or Magothy fm. If anybody out there has any professional insight into these specimens or can identify the family, genus, or species that produced them (the flower and seed capsule? are on two different slabs and are probably not related), please reply to me, either on or offline.

The Natural History Museum in Maastricht where has posted two 1999 updates on the dig of a large *Mosasaurus hoffmanni* from the ENCI quarry south of Maastricht:

<http://www.nhmmaastricht.nl/vondst/1/index.htm>

The Palaeontological Association Website is now MUCH simpler to gain access to. For information about joining, forthcoming meetings, contents of the latest newsletter, special deals on 'Special Papers in Palaeontology' & 'Field Guides to Fossils' etc, visit:

www.palass.org

New Book from the Geological Society Publishing House:

Fossil Plants and Spores - Modern Techniques. Edited by T. P. Jones (Cardiff University, UK) & N. P. Rowe (Universite de Montpellier, France), April 1999.

Paperback/ hardback (ISBN: 1-86239-041-x/1-86239-035-5 List price: £29.00 / \$48.00 - £75.00 / \$125.00.

More details and the contents may be found on the Geological Society Internet Bookshop. The address link is below. Ordering from the Internet Bookshop means that the order is processed securely and quickly.

<http://bookshop.geolsoc.org.uk>

<http://www.pppg.ufba.br/~pgeol/abequa7/Cushman.htm>

has updated information about registration, abstract submission for oral and poster presentations, hotels, field trips and other pertinent information, concerning the Cushman Foundation Research Symposium QUATERNARY MICROPALAEONTOLOGY: ECOLOGICAL STUDIES AND PALEOENVIRONMENTAL APPLICATIONS, to be held in Porto Seguro, Bahia, Brazil, October 4-5, 1999.

- Eduardo Koutsoukos -

We are pleased to introduce the Large Marine Ecosystem (LME) web system. The 50 Large Marine Ecosystems are regions of ocean space encompassing coastal areas from river basins and estuaries to the seaward boundaries of continental shelves and coastal current systems.

They are relatively large regions of distinct bathymetry, hydrography, productivity and trophically dependent populations.

www.edc.uri.edu/lme

The web page provides resource conservation and management activities. Feel free to contact NOAA/NMFS if you have any questions.

Kenneth.Sherman@noaa.gov, NOAA/NMFS, Narragansett Laboratory, 28 Tarzwell Drive, Narragansett, Rhode Island 02882 USA

PALEOMAPS

If you are interested in plate tectonic reconstructions of any age back to 150 My, you can make your own map at

<http://www.odsn.de/odsn/services/paleomap/paleomap.html>

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

"The goal of the PALEOMAP Foundation is to promote the understanding of Earth history, especially those processes that lead to the formation of the Earth's natural resources."

<http://vishnu.glg.nau.edu/rcb/globaltext.html>

Global Earth History. This presentation uses a series of plate tectonic reconstructions to show the broad patterns of Phanerozoic Earth history. Both horizontal and vertical links are provided for viewing the plates: horizontal links provide time-slices (eg Cambrian, Devonian, Triassic, etc) of different kinds of data on maps and other illustrations whereas vertical links provide a dynamic portrayal of Earth history through a succession of similar plate tectonic reconstructions.



Address/phone-fax number/e-mail updates which did not make it to the recent edition of the AASP Member Directory. If any members have other changes which they wish to report, please pass them on to the AASP Secretary-Treasurer.

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Please note that the email address on - Milne, L. A. (1998). 'Surface-embedding of fossil pollen for time- and cost-effective ultramicrotomy (TEM) and multiple microscopy (LM, SEM, TEM) of single grains' - in AASP Contribution Series Number 33, should read - lmilne@geog.uwa.edu.au. - (my fault).

Some members may have received a photocopy of parts of Milne, L. A. (1998). 'Tertiary palynology: *Beaupreaidites* and new Conospermeae (Proteoideae) affiliates.' *Australian Systematic Botany* 11, 553-603. If they, or anyone else, would like a complete reprint and one of its companion study - Milne, L. A. and Martin, A. R. H. (1998). 'Conospermeae (Proteoideae) pollen morphology and its phylogenetic implications.' *Australian Systematic Botany* 11, 503-552, - please contact me at the following new address (Note - network will be down the week beginning June 28).

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Richard Knight's new address will be
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or mobile on Tel: +31 (0) 6 51003772
Still with Shell but in-between postings.

Please note the new business email address for Gordon Wood:
woodgd@bp.com

Between May 17-22, more than 30 participants from over 15 countries gathered to willingly undergo the Williams-Bujak-Brinkhuis treatment. To soften the participants up, we chose the wonderful medieval City of Urbino, central Italy, as our meeting site. This to at least ensure top-notch gastronomy when recuperating from 600 displayed dinoflagellate cyst species, and presentations on stratigraphic, paleogeographic and paleoenvironmental aspects (and its presenters). Hosts Rodolfo Coccioni and Simone Galeotti of the Geology Dept. of Urbino University did a marvellous job in arranging excellent facilities (difficult), and pointing out good-restaurants (not so difficult). Despite brutal frontal assault by GLW, participants kept on asking for more (see photo's). The course also greatly benefitted from important contributions by Rob Fensome to the manual. Jan Willem Weegink ensured extra-value by composing a CD-ROM holding images of discussed species. The mid-week excursion to the unbelievable exposures in the Contessa Valley, the Gubbio KTB site, and the Massignano Eocene- Oligocene GSSP boundary section was enjoyed by all. The cook (*mama*) at the famous restaurant across the Gubbio KTB ('Alvarez-pub') arranged a very memorable 'dinocourse truffle-pasta ensemble', with nice accompanying fluids. Check out the guest-book on site. Reactions of the participants prompt us to at least consider another course at Urbino.. See you in 2001??

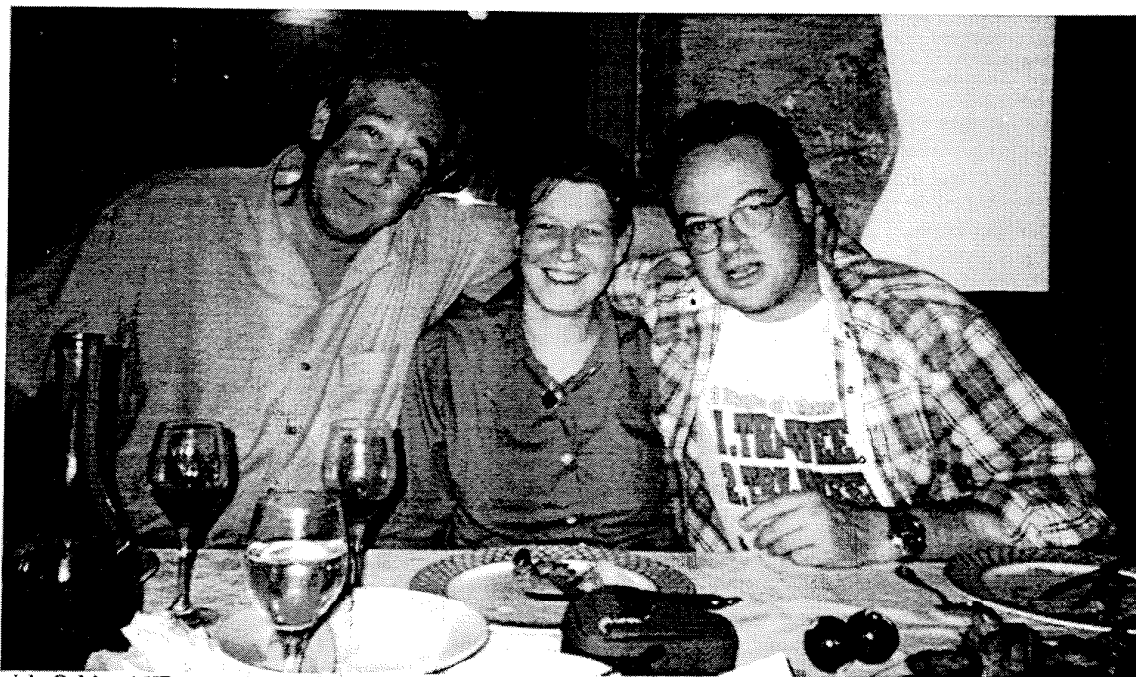
- Henk Brinkhuis -



Party on the patio – victims of the Williams-Bujak-Brinkhuis mafia assembled outside the airco'd lecture hall.



Party somewhere in Italy – photo taken from Alvarez pub by Caroline Van Mourik.



Jon Bujak, CvM and HB somewhere in Italy – photo taken by someone holding Caroline Van Mourik's camera. Note plate arrangement.



Graham Williams giving papal visualization to Eric Montell of plate configuration, evolution and the effect on morphostratigraphy.



**MEETING ANNOUNCEMENT AND CALL FOR PAPERS
1999 AASP ANNUAL MEETING
TUESDAY, OCTOBER 26-SATURDAY, OCTOBER 30**



Registration Fees:
(includes icebreaker and business luncheon)

Amount enclosed:

Professional US\$110.00

Student/Retired/Spouse US\$80.00

Additional Late Registration Fee:
(after September 15th) US\$20.00

Friday Field trip to Savannah-
Ogeechee Canal (limited to 30
participants, no cost, circle if going) Yes

Saturday Field trip (limited to 40
participants, box lunch and
transportation included): US\$45.00

circle if vegetarian preference: Yes

Total

Name as it should appear
on your badge:

Spouse name for badge:

Address:

Telephone:

Fax:

e-mail:

Make checks payable to "A.A.S.P. 99" and send to Fred Rich, P.O. Box 8149,
Georgia Southern University, Statesboro, GA 30460-8149. For VISA and
Mastercard charges, enter the following information:

Card type: VISA Mastercard American Express

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Signature



ABSTRACT FORM

32nd Annual Meeting of the American Association of Stratigraphic Palynologists
October 26-30, 1999

Author(s): _____

Title _____

Oral presentation _____ Cohen Symposium _____ Lucas-Clark Symposium _____

Poster _____

I qualify as a student for judging purposes _____

Please follow the style for abstracts as used in Abstracts and Proceedings in the back of a recent issue of *Palyinology* (e.g. vol 22, pp. 235-260). Abstracts should be limited to one typed page with one inch (2.5 cm) margins, single-spaced, using any 12 point font. Text should be plain except for italicized Latin names.

Submit abstracts on a floppy disk as either a Word Perfect (6.0) or Clarisworks (4.0) compatible file. Alternatively, you may submit abstracts via e-mail to frich@gasou.edu. Do not send them as attachments as these oftentimes do not translate properly (Rich uses a Mac; PC's typically refuse to talk to Macs). Please send a hard copy version of your abstract either by regular mail or FAX to Fred Rich at the mailing address given below; our FAX number is (912) 681-0668. We need the hard copy to help guarantee that we receive all abstracts correctly.

Titles and Abstracts are due August 31, 1999

Send abstracts to: Fredrick J. Rich
Department of Geology and Geography
P.O. Box 8149
Georgia Southern University
Statesboro, Georgia 30460-8149

For FEDEX or other overnight delivery use the following:

Fredrick J. Rich
Room 1100 Herty Building
Georgia Drive
Georgia Southern University
Statesboro, Georgia 30460

POSTER SESSIONS

October 27-29. Posters may be displayed in the lobby and first floor hallways of the Coastal Georgia Center. The walls are covered with vinyl-coated wall board, and we may use them for mounting posters with push pins, tape, or some other suitable fastener. Posters can be put up Wednesday morning, and must be removed by Friday noon. Area of individual displays should be no larger than 4X8 feet (1.2X2.5 m) so as to ensure adequate space for all posters.

ABSTRACTS

An abstract form is included elsewhere in this announcement. Please note on the abstract form if you are submitting an abstract for consideration as a poster paper or an oral presentation. Furthermore, indicate if you are submitting a paper for either Art Cohen's symposium (Short-term Palynological Records) or Joyce Lucas-Clark's symposium (Cretaceous-Tertiary of the Atlantic and Gulf Coastal Plains), or the General Session. If you are submitting to one of the symposia, please make note of such! The abstract will be sent to the appropriate convenor for their review.

GROUP PHOTO

We will once again have a group photo made by one of AASP's expert production teams. The photograph will be taken Friday immediately after the business luncheon.

ACCOMODATIONS

Each individual is responsible for making his/her own reservations at the Days Inn Historic District, our convention hotel. We have 45 double rooms, and 5 suites reserved for the nights of October 26-30. The Inn will accept reservations at the nightly convention rates of \$80.64 /double and \$103.04 /suite until September 26. After that date they cannot guarantee the availability of rooms at those rates. Contact the Inn directly at (912)236-4440 and refer to the room booking confirmation that is held for AASP.

TRANSPORTATION

Savannah International Airport is served by Delta and U.S. Air, as well as a United Commuter that has direct flights to Ronald Ragan Washington National Airport. Transportation from the Savannah airport to the Days Inn is available from Coastal Transportation, as well as taxis. Coastal offers a one-way rate of \$10.00 /person. The airport is several miles from downtown Savannah, so this rate is actually quite reasonable. The usual rental car agencies also provide service as the airport. Once in Savannah, the Chatham Area Transportation authority buses (CAT's) provide access to all parts of the city.

FIELDTRIP

The optional fieldtrip to the Okefenokee Swamp will take place on Saturday. We will leave the Inn at 8:00 AM. We will secure a charter bus that will hold 40-45 people. The registration cost includes transportation, a box lunch, boat rental, and a Georgia Geological Society guidebook to the Okefenokee and Trail Ridge. We will tour Chesser Prairie, observe peat cores, discuss the Swamp's natural and human history, and return to Savannah at about 6:00 PM.