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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 200 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 (quarterly), 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-TPS Scientific Medal recipients**
Professor William R. Evitt (awarded 1982)
Professor William G. Chaloner (awarded 1984)
Dr. Lewis E. Stover (awarded 1988)
Dr. Graham Lee Williams (awarded 1996)
Dr. Hans Gocht (awarded 1996)
Professor Svein B. Manum (awarded 2002)
Professor Barrie Dale (awarded 2004)
Dr. David Wall (awarded 2004)
Dr. Robin Helby (awarded 2005)
Dr. Satish K. Srivastava (awarded 2006)
Professor Estella B. Leopold (awarded 2013)
Professor Vaughn M. Bryant (awarded 2016)
Professor David Batten (awarded 2018)

**AASP-TPS Board of Directors Award recipient**
Dr. Robert T. Clarke (awarded 1994)
Dr. Thomas D. Demchuk (awarded 2014)

**AASP-TPS Medal for Excellence in Education**
Professor Aureal T. Cross (awarded 1999)
Professor Alfred Traverse (awarded 2001)
Professor Bill Evitt (awarded 2006)
Professor Vaughn M. Bryant (awarded 2013)
Professor Geoffrey Clayton (awarded 2016)
Professor Sophie Warny (awarded 2021)

**AASP-TPS Distinguished Service Award recipients**
Dr. Robert T. Clarke (awarded 1978)
Dr. Norman J. Norton (awarded 1978)
Dr. Jack D. Burgess (awarded 1982)
Dr. Richard W. Hedlund (awarded 1982)
Dr. John A. Clendening (awarded 1987)
Dr. Kenneth M. Piel (awarded 1990)
Dr. Gordon D. Wood (awarded 1993)
Dr. Jan Jansonius (awarded 1995)
Dr. D. Colin McGregor (awarded 1995)
Professor John H. Wrenn (awarded 1998)
Professor Vaughn M. Bryant (awarded 1999)
Dr. Donald W. Engelhardt (awarded 2000)
Dr. David T. Pocknall (awarded 2005)
Dr. David K. Goodman (awarded 2005)
Professor Owen K. Davis (awarded 2005)
Dr. Thomas Demchuk (awarded 2009)
Professor Reed Wicander (awarded 2014)
Professor Fredrick Rich (awarded 2016)
Dr. James B. Riding (awarded 2016)
Professor Martin B. Farley (awarded 2019)

**AASP-TPS 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. Vozzhenikova (elected 1990)
Professor Aureal T. Cross (elected 1991)
Dr. Robert T. Clarke (awarded 2002)
Professor Vaughn Bryant (awarded 2005)
Professor Alfred Traverse (awarded 2005)
Professor Bernard Owens (awarded 2011)
Dr. John E. Williams (awarded 2013)
Mr. Paul W. Nygreen (awarded 2013)
Professor Norman Norton (awarded 2016)
Professor George F. Hart (awarded 2020)
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 November 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 members.
A Message From Our President

Dear colleagues and friends,

After a three-year break from in-person conferences, our 54th Annual Meeting was recently held in Manizales, Colombia. The meeting was a huge success, and I’m sure everyone in attendance thoroughly enjoyed their time in Colombia. I wish to thank and congratulate the organisers Ingrid Romero, Andres Pardo-Trujillo, Angelo Plata and Valentina Ramirez for all of their hard work. I also acknowledge Damián Cárdenas Loboguerrero, Carlos Sánchez Botero and Karen Cárdenas, the fieldtrip and workshop leaders, and the students and technical staff from the University of Caldas who contributed towards the success of the meeting.

The technical programme included some excellent oral and poster presentations. Continuing the trend from previous years, the standard of the student presentations was exceptionally high. Details on this year’s winners of the L.R. Wilson and Vaugh Bryant awards are found in this newsletter (see pages 8 - 10). Congratulations to all of the awardees, and thanks to the Awards Committee and judging panel who volunteered to evaluate the presentations.

Beyond the scientific programme at the meeting, it was my great pleasure to welcome the newly-elected board members Sophie Warny, Martha Gibson and Opeyemi Taiwo, who join the board as President-elect, Director-at-Large and Student Director-at-Large, respectively. I greatly look forward to working with you, and hope you each find your time on the board to be an enjoyable and rewarding experience! I also want to express my sincere gratitude to the outgoing board members Katrin Ruckwied (Past-president), Vera Korasidis (Director-at-Large) and Damián Cárdenas Loboguerrero (Student Director-at-Large) for all of their hard work and dedication to the society during their term in office.

This letter marks the half-way point in my presidency. How time flies! Since taking office in 2021, I believe we have taken some very positive steps forward as a society. This includes major updates to the website, to our banking, and an increased commitment towards supporting student travel and research. Of course, there always remains work to be done, and the coming year promises to be a busy one for the board. However, I am very confident that we are moving in the right direction!

Best regards,
Niall
Managing Editor’s Report

We heard this summer that the 2022 impact factor of Palynology for 2022 reduced slightly to 1.949 and that we are relatively narrowly back in second place in the league table of the three journals on our subject. This is disappointing as we were previously well above two, and top of the league table in 2021. However, we have some really good papers coming through so are very optimistic that this metric will increase in 2023. An impact factor of around two for a specialist journal like ours still represents a very good outcome indeed.

The first three parts of Volume 46 of Palynology have now been published. Parts 1 and 2 comprise 400 pages in total. Part 3 was published during mid-July. It has 15 articles, and runs to 191 pages; the entire contents are listed below. This issue comprises 13 research papers plus two obituaries (for John Richardson and Enrique Martínez-Hernández). The topics of the research papers are very diverse, and this part includes our first ever paper on melanosclerites by Minghao Du and collaborators. In addition, there is a very nice two-paper set on taxon names with Julia Gravendyck as lead author, plus a stunning article on the dinoflagellate cyst *Pontadinium* by Viktória Baranyi and five others.

The rate of manuscript submission continues to be very healthy indeed. At the time of writing this report we are well above 80 for 2022. For the past two years we have had well over 100 submissions per annum.

The three editors had a very successful online Annual Business Meeting with our counterparts at Taylor and Francis in mid-December 2021. There are no problems to report. On the contrary, key parameters such as downloads of papers are steadily increasing year-on-year.

James B. Riding
Managing Editor,

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The contents of Palynology Volume 46, Part 3 (August 2022)


(191 pages)
The 54th Annual meeting of the AASP-The Palynological Society was held in Manizales, Colombia from August 7 to 11. The conference took place at the University Cultural Center Rogelio Salmona, part of the University of Caldas and the main conference venue. The conference was hosted by Ingrid Romero, Andres Pardo, Angelo Plata and Valentina Ramirez, with the help of Damian Cardenas, Carlos Sanchez Botero, and Karen Cardenas, and with the much-appreciated help and support of students and technical staff from the University of Caldas.

The meeting included a three-day scientific program, a welcome happy hour for participants and early career researchers, closing ceremony (awards and dinner luncheon), and pre- and post-meeting field trips and courses.

The conference started on the weekend of August 6-7 with the pre-conference courses Introduction to Stratigraphic Data Analysis in R (SDAR) by John Ortiz and Palynostratigraphy by Mercedes di Pasquo. Both workshops were hybrid and a total of 36 delegates participated. That weekend was also the pre-meeting fieldtrip to El Nevado del Ruiz Volcano attended by 30 delegates.

The technical sessions were scheduled from Monday to Wednesday (8 to 10 August), with 49 talks and 45 posters covering topics of paleopalynology, biostratigraphy, and also other applications in palynology (to check in detail go to https://sites.google.com/view/aaspmeeting2022/home-p%C3%A1gina-principal?authuser=0.

The technical sessions with coffee breaks, allowed for discussion while enjoying drinks and snacks in a relaxed atmosphere. The Welcome Happy Hour was held on Monday late afternoon and included a violin concert and the unveiling of the photo exhibition at the Rogelio Salmona Building. This exhibition included all photos that were submitted for the
Early career night and lunch were held on Tuesday and Wednesday respectively. These events were led by AASP-TPS Student Director-at-large Damián Cardenas. The early career night was held at the Bretton restaurant, where students and early professionals were able to meet each other and do some networking.

The early career lunch was held at the Rogelio Salmona Building during which students and early professionals had the opportunity to meet and interact with mid-career and senior palynologists about career planning.

At the last day of technical sessions, the closing and award ceremonies from the ALPP, and AASP-TPS were organised. During the closing ceremony, a Colombian dance group did a presentation on traditional Colombian dances. During the dinner, Niall Paterson proceeded with the official business. He and Stephen Stukins presented the awards to Emily Ellefson (L. R. Wilson Best Paper Award), Alex Ball (L. R. Wilson Best Paper Award Honorable
Niall Paterson and Stephen Stukins handing out the LR Wilson Best Paper award and the Vaughn Bryant Best Poster Award.

mention), Shaan Heydenrych (Vaughn Bryant Best Poster Award) and Christopher Card and Alex Ball (Vaughn Bryant Best Poster Award Honorable mention).

Visit to a coffee farm during the second field trip.

In the photo competition. Jhonatan Murcia won 1st place best photo and Jean Pierre Francois won 2nd place.

The meeting ended on Thursday, August 11th, with the post-conference courses Introduction to Stratigraphic Data Analysis in R (SDAR) by John Ortiz and Applied Middle East Late Paleozoic Palynology: Solving geological problems by Prof. Michael Stephenson. Both workshops were hybrid 23 delegates participated. That day was also the post-meeting fieldtrip to Pliocene sections and a visit to a coffee farm, attended by 30 delegates.

Top: winner of the photo competition by Jhonatan Murcia; Bottom: 2nd place in the photo competition by Jean Pierre François.
A message from our outgoing student director-at-large  By Damián Cárdenas Loboguerrero

I would like to start by expressing my sincere gratitude to the society and all its members for the opportunity to serve as Student Director-at-Large during the last two years, it was certainly an honor!

I would like to thank Julia Gravendyck, current Director-at-Large (2021–2023) and past student Director-at-Large (2018–2020), for coming up with the amazing idea of organizing the first Early Career Night in Ghent 2018. The funding Julia got from Amphasys and the SEPM for the Ghent event partially covered the second Early Career Night in Manizales, after a three-year break due to the COVID-19 pandemic.

I would also like to specially thank Carlos Jaramillo, Diana Ochoa, Niall Paterson and Paula Rodríguez for their participation as mentors at the first Mentorship Luncheon.

Finally, I would like to congratulate Opeyemi Taiwo, the incoming student director-at-large (2022-2024), for being elected to represent all AASP-TPS student members. My best wishes on your new position Opeyemi!
Where is our 2025 Annual Meeting?

Call for Proposals

Still enjoying the memories of a fantastic meeting in Colombia? We are now looking for our destination for the meeting in 2025!

Could you and your institution imagine hosting us? Then please support our society and make a formal proposal to the board of AASP- The Palynological Society (via the secretary Steve Stukins: S.Stukins@nhm.ac.uk).

All we need from you is a rough idea/ bullet points for the following:

1. WHO is hosting (please enclose a statement that those named are willing to host the meeting)
2. WHICH institution (check with them)
3. WHERE (country, city, venue, how many people per auditorium)
   and maybe you already have an idea about:
4. ACCOMODATION (options, rough pricing per night)
5. Ideas for FIELD TRIPS
6. WHAT makes your location special?

Still unsure how to write it? Then just write to us and we can send you an example!
AASP – TPS 50th Anniversary Jewelry Collection

Exclusive, Custom-made 50th Anniversary Jewelry
Limited-Edition and availability

Celebrate the 50th anniversary of AASP – The Palynological Society with a beautiful, sterling silver palynomorph necklace. The Society board worked with jeweler and designer, ‘Science-inspired jewelry’, to create these one-of-a-kind, unique necklaces in honor of our golden anniversary. There are a limited number available of two designs, a pollen grain *Macrolobium multijugum* (a) and a dinoflagellate cyst of *Diphyes recurvatum* (b).

Each necklace comes with a commemorative information card that includes a picture and description of the palynomorph. **The society is selling them for $120.00.** This is a wonderful way to support AASP-TPS and is a great conversation starter!

Payment can be arranged by contacting the AASP-TPS Treasurer, Vladimir Torres, at vladimir.torres@exxonmobil.com.

Special thanks to John Firth and Ingrid Romero for palynomorph images.
Profiles in Palynology: Frans Florschütz

By Henry Hooghiemstra (University of Amsterdam)

This is a new column introduced in our newsletter (Volume 55 nr. 2) which brings you a short biography of notable palynologists who shaped the history of palynology as a science and who contributed to making palynology known to the wider scientific community. All of the profiles that will be published in the Newsletter, will be added to the History section of our website (https://palynology.org/).

We encourage members to select palynologists and/or palaeobotanists who have been important figures for our science in their area and send a short profile to gravendyck@geowi.uni-hannover.de or aaspnews@gmail.com.

In this second installment, Henry Hooghiemstra compiled a profile of the life and career of Frans Florschütz.

In 2019, the Palynologische Kring installed the ‘Florschütz Award’ for the best Master Thesis prepared at a Dutch university. It was a trigger to further explore Florschütz’ contributions to ‘pollen analysis’, a term renamed in 1944 as ‘palynology’.

Frans Florschütz (1887–1965) was first educated (1911-1916) as a jurist. He was appointed secretary of the Board of Governors of the Landbouwhogeschool in Wageningen (currently Wageningen University & Research). He fulfilled this task of 2 days a week from 1918 to 1946.

He studied biology at Utrecht University and supervised pollen studies in the research group of professor Jonker from 1919 to 1930. Pollen analysis developed to an applied methodology in a.o., soil science, biostratigraphy and geology. It became widely used in big infrastructural works such as building polders, canals and tunnels in the Netherlands.

In 1924, Florschütz built a small pollen laboratory in his garden. He hired biology and geology students for the preparation and pollen analysis of the overwhelming amount of samples he received from so many governmental and municipal institutes. Florschütz published some 100 articles; much of his results are hidden in unpublished reports conserved in the Noord-Hollands Archive in Haarlem. He contributed to building the well-known immigration sequence of European trees that migrated northwards from their glacial refugia around the Mediterranean after the last ice age. In the 1930s and 1940s, this sequence was used as a biostratigraphical tool for dating sediments in the Netherlands of Holocene and Lateglacial age.

Frans Florschütz (1887–1965) in 1950. Photo from the personal archive of the late Thomas van der Hammen.
In 1948, Florschütz moved from the Paleobotany Laboratory in Utrecht to the Geological Institute in Leiden. There he was appointed professor. He gave courses for biostratigraphers employed in the booming oil industry.

The Bataafse Petroleum Maatschappij (BPM, later Shell) established in 1947 a pollen laboratory in Maracaibo (Venezuela) and took a pioneering role in oil exploration in the tropics, in Colombia, Venezuela, Nigeria and Borneo in particular.

When Florschütz retired in 1958 he had founded centres of pollen research at the universities in Wageningen, Utrecht and Leiden. In 1959, he founded a new center of pollen analysis at the University of Nijmegen and he became appointed professor on annual contracts.

During his last years he organized the deep drilling of Quaternary sediments in the Padul basin, southern Spain. In 1965, he was awarded the ‘Van Waterschoot van der Gracht Award’ the highest distinction in earth-sciences in the Netherlands.

Florschütz’ contributions to pollen analysis are documented in the article “Frans Florschütz as founding father of pollen analysis in the Netherlands, and expansion of palynology into the tropics” by Henry Hooghiemstra and Keith Richards (Grana, 2022). https://doi.org/10.1080/00173134.2022.2089226.
Upcoming Meetings

GSA CONNECTS 2022, the annual meeting of the Geological Society of America will be held 9-12 October in Denver, Colorado and online everywhere. Details can be found on:

https://community.geosociety.org/gsa2022/home
Call to Serve: Newsletter open positions

Not sure that you want to run for office but want to help the society?

Become a newsletter correspondent, either formally or informally! We welcome student and professional news, book reviews, reports on meetings, workshops, etc. Submissions are due on February 15, May 15, August 15, and November 15 annually.

The AASP - The Palynological Society Newsletter is a publication with an ISSN number (ISSN 0732-6041), which helps your CV!

Our newsletter is only as good as the news we receive.

Please stay in touch!

Jan Hennissen - aasptnews@gmail.com
Newsletter Editor

AASP-TPS is against racism!

AASP- The Palynological Society takes great pride in being home to a diverse group of early career and professional members internationally. We therefore aim to promote and embody an inclusive and equitable culture that is free from discrimination.
Consider Helping our Mission

AASP FOUNDATION CENTURY CLUB

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

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

How?
Your tax-deductible contribution of $100 or more to the AASP Foundation entitles you to belong to the Century Club. The 2020 "membership" drive is on now. Your contribution may be made by personal check or by a pledge which is payable on or before December 31, 2021.

Join!
To join the Century Club, simply complete the attached Contribution/Pledge Form and mail to the address listed below.

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

2022 AASP Foundation Century Club Contribution Form

Name: ________________________________

Address: ________________________________________________________________

Contribution Enclosed: $ ________________  I wish to pledge: $ ________________

Mail to: Thomas D. Demchuck
        AASP Foundation Chair and Trustee
        14419 Lotusbriar Ln.
        Houston, TX 77077