

PALYNOS

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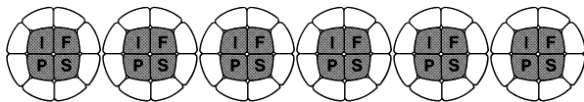
Volume 45 (2) – 2022

NEWSLETTER OF THE INTERNATIONAL FEDERATION OF PALYNOLOGICAL SOCIETIES

<http://palyno-ifps.com/>

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IFPS BUSINESS

IFPS SURVEY: STORAGE OF PALYNOLOGICAL RESOURCES

IFPS board has recently been contacted by several researchers asking about the existence and/or necessity of a directory or list of public and/or private palynological reference collections held by research groups around the globe, or the procedure for storing already

analysed palynological slides from historical or landmark sequences. As this is something we believe can be of wide interest within the palynological discipline, we have created a voluntary survey for palynologists or whoever wants to participate. The anonymous questionnaire will take you around 3 minutes to complete, will be open until the next 28th February 2023, and allows you the possibility of including your email in case you want to be kept updated about the results.

You can find the survey in the link below:
<https://forms.office.com/e/Cy9tf1c2qA>

or in this QR code:



*Encarni Montoya, PALYNOS editor, on behalf of several palynology experts.
Email: encarnacionmontoya(at)gmail.com*

NEW IFPS COUNCILLOR

We would like to give a warm welcome to our new board member Luke Mander, who is from now on the IFPS councillor for the The Micropalaeontological Society (TMS) Palynology Group! Please see below a brief introduction of himself, his new role and contact details.

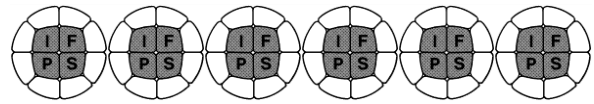
In addition, many thanks here to Phil Jardine, who acted as IFPS councillor for the TMS Palynology Group since 2021.

LUKE MANDER – TMS



Luke Mander is a Senior Lecturer at The Open University, UK. Prior to this, he was a Marie Curie fellow at the University of Exeter (UK), and a post-doc at the University of Illinois (Urbana-Champaign, USA). He received a BSc in Geology from the University of Plymouth, a MSc in Palaeobiology from the University of Bristol and a PhD in Palaeobotany and Palynology from University College Dublin (Ireland). His palynological work is currently focussed on the Paleogene of West Africa and northern Europe.

Email: [luke.mander\(at\)gmail.com](mailto:luke.mander(at)gmail.com)



NEWS FROM PALYNOLOGICAL SOCIETIES

UPDATE FROM THE LATIN AMERICAN ASSOCIATION OF PALEOBOTANY AND PALYNOLOGY (ALPP)

Among the activities developed by Mercedes Di Pasquo from Argentina, between 2018-2022, in collaboration with colleagues from Argentina and elsewhere, several contributions were published dealing with Paleozoic and Cretaceous/Cenozoic palynofloras mainly from South America, USA and India and others still ongoing were presented in several Congresses. They are available at her scientific websites: <http://www.palino.com.ar>, Academia:

<http://independent.academia.edu/MercedesDiPasquo>,

Research Gate:

<https://www.researchgate.net/profile/Mercedes-Di-Pasquo>

As President of the *Latin American Association of Paleobotany and Palynology / Asociación Latinoamericana de Paleobotánica y Palinología ALPP* (2009-2024) Mercedes was Editor of the two last volumes of the ALPP journal, which can be downloaded from:

-volume 2020:

<http://www.palino.com.ar/alpp/BoletinesALP/DAntoni-ALPPvol2020-final.pdf>

-volume 2021:

<https://www.palino.com.ar/alpp/BoletinesALPP/Volumen-ALPP-boletin-2021.pdf>

In the framework of the **XVII Argentinian Paleobotany and Palynology Symposium** (*Simposio Argentino de Paleobotánica y Palinología*), hosted at the National University of Jujuy in San Salvador de Jujuy (Jujuy province, Argentina, September 28th - 30th, 2022), the **ALPP celebrated its “50 years”** sharing a nice dinner with the attendants, and as always, five members were awarded for their presentations.

For more information see:

<http://alpaleobotanicapalinologia.blogspot.com/search/label/Anuncios>
<http://www.sapp2022.com.ar/>
<https://drive.google.com/file/d/1FziQaG1TdQHrr8YEBN39tak2KG3ogazt/view>
http://www.palino.com.ar/alpp/alpp_dipasquo/alpp_dipasquo.htm
<https://drive.google.com/file/d/1huqsNlxt9w8V2IMWZaoT7ykxtQdJbS2a/view?usp=sharing>

In the framework of the **AASP-TPS annual meeting** for the first time co-organized with the ALPP and held outside USA (Manizales, Colombia, hybrid format, August 7-11th 2022), the ALPP gave two Awards for their Trajectory to Hernando Dueñas and Carlos Jaramillo and two for their best oral and poster presentations to Marcelo Carvalho and Ana Luisa Bitencourt.

<http://alpaleobotanicapalinologia.blogspot.com/search/label/Anuncios>
For pictures please download this file from:
<https://drive.google.com/file/d/1FziQaG1TdQHrr8YEBN39tak2KG3ogazt/view>

See more information about the AASP-TPS conference at <https://palynology.org/54th-annual-meeting-of-aasp-the-palynological-society-manizales-colombia-august-7th-11th-2022-54-encuentro-anual-de-la-sociedad-palinologica-de-aasp-tps-manizales-colombia-agosto-7/>

Mercedes Di Pasquo

ALPP councillor

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CONFERENCE REPORTS

Report on the 11th Palynological Society of China (PSC) Conference, Yichang, Hubei Province, China, September 16-19th, 2022

On September 16-19, 2022, PSC held its 11th National Conference in Yichang, Hubei Province, central China. More than one hundred participants from research institutes, universities, industrial companies, etc. attended the meeting. Themed with “Palynology, Towards a Green China”, this three-day meeting featured by 59 oral presentations and 11 posters from academic and industrial palynologists, postdoctoral scientists and graduate students. These talks show different cases researches from a wide range of time intervals and locations and cover almost all aspects of current palynological studies in China. Main scientific topics included pollen and spore morphology and classification, modern process of spore and pollen, relationship between surface spore and pollen assemblage and vegetation, palynostratigraphy, palaeovegetation and palaeoclimate, palynology for petroleum exploration, past global changes, archaeopalynology, phytoliths application, and pollen database, etc. A total of 105 abstracts were submitted to the meeting. It is worth mentioning that the conference has attracted many student participants who made their presentations at the meeting, and nine of them were selected as the best student papers and one as the best poster.

The conference also elected new PSC officers and councillors, and authorized 17 new members, including 11 students. After the meeting, a field excursion was organized to the Shennongjia Forest Region, a world natural heritage site, to observe the local geology, topography, plants and vegetation with its uniqueness in China.

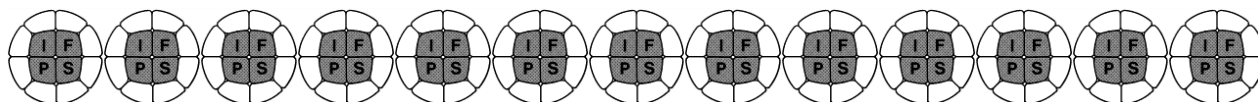
This is the first PSC on-site academic conference since the COVID-19 pandemic exposure. The meeting has achieved great success, which must be attributed to the co-organizers, Professors Jianxin Yu and Yansheng Gu at the China University of Geoscience (Wuhan), who ran a seemingly wonderful organization for the meeting under the help of their colleagues at the School of

Earth Science and State Key Laboratory of Biogeology and Environmental Geology

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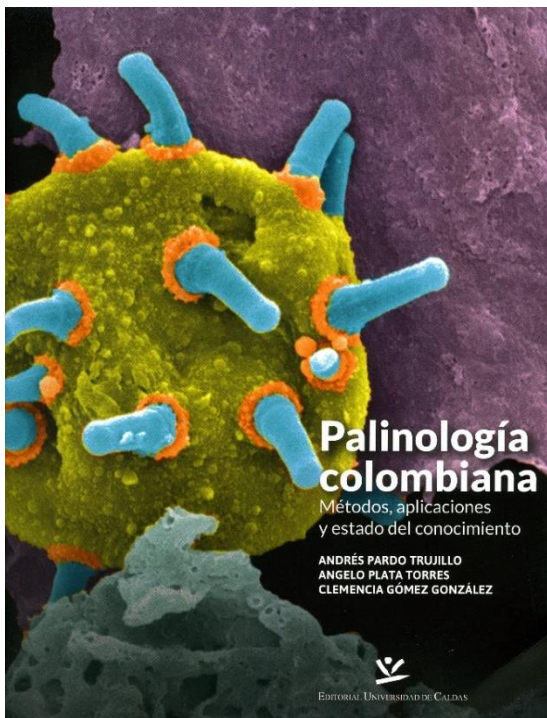
Figure 1. Group photo of PSC Conference attendees in Yichang (September 16-19th, 2022).



NEWS AND ANNOUNCEMENTS

BOOK REVIEW: “PALINOLOGÍA COLOMBIANA”

Pardo-Trujillo, A., Plata-Torres, A., Gómez-González, C. (editors), 2021, *Palinología Colombiana; métodos, aplicaciones y estado del conocimiento*. Editorial Universidad de Caldas, Manizales, Caldas, Colombia, 256 pages, including 87 figures, 2 tables, 13 plates and 3 appendices.



Palynology is a vibrant segment in academic and applied research. In the 1950s oil exploration was stimulated by the pioneering palynological research of the Bataafse Petroleum Maatschappij (later called Shell) in Maracaibo, Venezuela. These investigations in the Colombian-Venezuelan area produced several key publications, nowadays still evergreens, including the papers by Kuyl et al.

(1955), Muller (1959), Hopping (1967) and, after having got permission from the oil industry, by Germeraad et al. (1968). Pollen analysis referred too much to a method. In 1944 it became renamed ‘palynology’ which reflects better the broad spectrum of applications (Hyde & Williams, 1944). The new name convinced boards of universities in many countries to establish centers of palynological research (Hooghiemstra & Richards, 2022). Palynological research mushroomed and first textbooks appeared in the 1950s. Palynological textbooks have been written for applied research, such as Tschudy & Scott (1969), Haq & Boersma (1978), Traverse (1988), and Jansonius & McGregor (1996). For academic research the textbooks of Faegri & Iversen (1950, 1989) and Moore et al. (1991) can be mentioned.

The book *Palinología Colombiana* is an elegant merger of applied and academic palynology and the first textbook serving the Spanish speaking part of the world. The previously published books in Spanish by Pla Dalmau (1961) and Saenz de Rivas (1978) do not show the spectrum of issues of a textbook. *Palinología Colombiana* is produced on glossy paper, including 87 figures (74 in colour), 2 tables and 13 page-sized plates in colour.

The book starts with a content and a list of figures. The list of illustrated palynomorphs in the plates mentions the source, and where possible the botanical affinity.

Chapter 1 includes an introduction and general concepts. Chapter 2 is about production, dispersal and preservation of palynomorphs. Chapter 3 deals with aspects of collection of stratigraphical sequences, chemical treatment of samples for pollen analysis, radiocarbon dating, and other methods used for chronological control of Quaternary sediments. In chapter 4 the authors introduce pollen morphology and show how pollen count data are presented in a pollen diagram. Chapter 5 focusses on palynological investigations in Colombia which started in the 1950s. The full geological range is presented, from Precambrian, Paleozoicum

and Mesozoicum up to the Paleogene and Neogene of the Cenozoicum. In 13 full colour plates many characteristic palynomorphs of major geological periods are shown. The book is completed with a bibliography and appendices. The appendices show helpful information for making first steps in the world of palynological research. There is information about palynological associations, journals publishing palynological studies, major congresses, pollen databases, research groups, and relevant software. Pollen morphological tables serve pollen identification. The last appendix shows sites studied in Colombia specified per geological period. The geographical locations of these sites are indicated in a map.

In conclusion, *Palinología Colombiana* deals with applied and academic palynology, a rarely seen combination. Many well-prepared illustrations in full colour make this book unprecedented. It is a welcome addition to the current textbooks. The authors are to be congratulated with this masterpiece. Although textbooks should be resistant to intensive usage for many years, unfortunately this book is not bound. This book deserves a place on the book shelf, or in the collection of electronic books, in laboratories where Spanish speaking students are around. Only a limited number of hard copies (ISBN 978-958-759-285-6) have been printed.

The e-version of this book (ISBN 978-958-759-286-3) is available for around US \$ 40 at the following shops:

<https://libreriasiglo.com/biologia/130900-palinologia-colombiana.html>

https://www.libreriaunal.com/ebook/palinologia-colombiana_E1000895258, and

<https://www.agapea.com/libros/Palinologia-Colombiana-Ebook--EB9789587592870-i.htm>

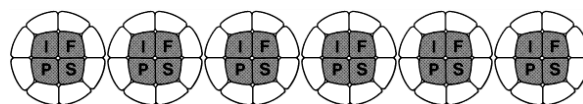
References

- Faegri, K., Iversen, J., 1950. Textbook of modern pollen analysis. Munksgaard, Copenhagen.
- Faegri, K., Iversen, J., 1989 (4th ed.). Textbook of pollen analysis (by Faegri K., Kaland, P.E., Krzywinski, K.), Wiley, Chichester, UK.
- Germeraad, J.H., Hopping, C.A., Muller, J., 1968, Palynology of Tertiary sediments from tropical areas. Rev. Palaeobot. Palynol. 6, 189-348.

- Haq, B.U., Boersma, A., 1978. Introduction to marine micropaleontology. Elsevier, New York.
- Hooghiemstra, H., Richards, K., 2022. Frans Florschütz as founding father of pollen analysis in the Netherlands and expansion of palynology into the tropics. Grana, 61(4), 1-15.
- Hopping, C.A., 1967. Palynology and the oil industry. Rev. Palaeob. Palynol. 2, 23-48.
- Hyde H, Williams D. 1944. The right word. Pollen Analysis Circular 8, 6.
- Jansonius, J., McGregor, D.C. (eds.) 1996, Palynology: principles and applications. American Association of Stratigraphic Palynologists Foundation, 3 volumes.
- Kuyl, O.S., Muller, J, Waterbolk, H.T., 1955. The application of palynology to oil geology with reference to western Venezuela. Geol. Mijnb. 17, 49-76.
- Moore, P.D., Webb, J.A., Collinson, M.E., 1991. Pollen analysis (2nd edition), Blackwell, Oxford.
- Muller, J., 1959. Palynology of recent Orinoco delta and shelf sediments. Micropaleontology 5, 1-32.
- Pla Dalmau, J.M., 1961. Polen, Gerona, Madrid.
- Saenz de Rivas, C., 1978. Polen y esporas, Blume Ediciones, Madrid.
- Tschudy, R.H., Scott, R.A., 1969. Aspects of palynology: an introduction to plant microfossils in time. Wiley, New York.
- Traverse, A., 1988. Paleopalynology. Unwin and Hyman, Boston.

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FUTURE MEETINGS

2023

2023 XXI INQUA CONGRESS IN ROME, ITALY, JULY 13–20, 2023

The next INQUA Congress will take place in Rome, Italy, from July 13-20th, 2023. Abstract submission is now passed and further information and registration details can be found in the Appendix of this newsletter (page 9) and at: <https://inquareoma2023.org/> or on the following social media:

Facebook:

<https://www.facebook.com/INQUARoma2023/>

Twitter: @inquaRoma2023

Instagram: inquaroma2023

Important: Early Bird Registration and Field Trip Registrations closes on February 20, 2023.

2023 INTERNATIONAL CONGRESS ON AEROBIOLOGY

The next congress of the International Aerobiology Association (IAA) will take place in the UK, but was postponed to 2023. More information in due times at <https://iaaerobiology.wordpress.com/events/congress/>, the new webpage of the IAA.

2023 32TH MEETING OF THE VEGETATION HISTORY WORKING GROUP OF THE REINHOLD-TÜXEN-SOCIETY (AVRTG), INNSBRUCK, AUSTRIA, SEPTEMBER 28 – 30, 2023

The next Meeting of *the Vegetation History Working Group of the Reinhold-Tüxen-Society (Arbeitskreis für Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft, AVRTG)* will take place from September 28-30, 2023, in Innsbruck, Austria. More information available in due times, or from the organizer Jean Nicolas Haas, president of the IFPS, at: [jean-nicolas.haas\(at\)uibk.ac.at](mailto:jean-nicolas.haas(at)uibk.ac.at)

2024

2024 XV IPC / XI IOPC, PRAGUE, CZECH REPUBLIC, MAY 25–31, 2024

The organizing committee of XVIth IPC/XIth IOPC Prague 2024, May 27-31st has some news for you. You may know that the Conference had to be postponed from 2020 to May 2024 due to the global Covid pandemic. The place will be the same – the Clarion Conference Hotel in Prague: [Clarion Congress Hotel Prague](#), one of the largest and most modern congress hotels in the Czech Republic.

We have prepared ten field-trips to see Paleozoic to Quaternary strata. Fifty symposia and four workshops will cover all aspects of palaeo- and actinopterygology and palaeobotany. The conference fee will be announced in the Spring 2023 and students will have a reduced fee as foreseen for 2020. A call for symposia will be made during Spring 2023 and participants will be able to pay conference fees and send abstracts at the end of 2023.

Please follow our conference webpage, for all news: [IPC/IOPC Prague 2021 \(prague2020.cz\)](http://ipc/iopc-prague-2021/prague2020.cz)

We look forward to seeing you,

Organizing committee of XVth IPC/XIth IOPC Prague 2024

2024 INTERNATIONAL BOTANICAL CONGRESS, MADRID, SPAIN, JULY 15–27, 2024

Earlier this year it was announced that due to the pandemic the next International Botanical Congress will be delayed one year and held in Madrid, Spain in July 2024. The dates for the rescheduled Botanical Congress are as follows:

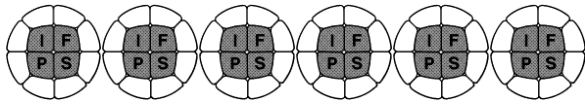
- Nomenclature Section, July 15-19, 2024
- Congress, July 21-27, 2024

The officers of the IBC Organizing Committee are Gonzalo Nieto Feliner (President), Juan Carlos Moreno (Vice-President) and Marcial Escudero (General Secretary). The organizing team has been working hard to form the necessary planning committees, hire the conference venue and conference management team, and prepare a website to provide details on the upcoming Congress. The Congress website is now live and additional details about the Congress will be added as they become available: <https://ibcmadrid2024.com/>

Information about the members of the Organizing Committee, Scientific Program Committee, and Advisory Committee can be found on the website. Deadline for Symposium Proposals is January 20, 2023.

The organizers look forward to welcoming everyone to Madrid in July, 2024!

Patrick Herendeen, Chair
Jiří Kvaček, Secretary
International Association of Botanical and
Mycological Societies



PALYNOLOGICAL HOMMAGE

In memoriam Prof. em. Dr. Hans-Jürgen Beug (1932–2022)

Hans-Jürgen Beug, born in Hamburg (Germany), received his doctorate under supervision of Franz Firbas (Botanical Institute at the University of Göttingen) with a thesis on the history of vegetation on the Fichtelgebirge, Rhön and Harz mountains in Germany. He then continued to work there for about 10 years, 8 of which as custodian of the herbarium. After the death of Franz Firbas, he became head of the Göttingen Systematic Geobotanical Institute, until Heinz Ellenberg took over. During this time, Hans-Jürgen Beug habilitated in Botany in 1963 on the late and post-glacial vegetation history in the Lake Garda area (Northern Italy).

He then became a Privatdozent in Botany at the University of Göttingen until 1967 and took over extensive teaching duties at the Institute. From 1967 onwards, he was a University lecturer at the University of Hohenheim, and thereafter was appointed head of the Department and Extraordinary Professor in 1969. In the same year, he went back to Göttingen, as Heinz Ellenberg, the head of the Göttingen Geobotanical Institute, had created several departments, so that Hans-Jürgen Beug was called back to Göttingen University in order to take over the vegetation history unit. From 1972-1973 he was Dean of

the Faculty of Biology, and in the years 1976-1979 Prorector, Rector and Vice-Rector of the University of Göttingen.

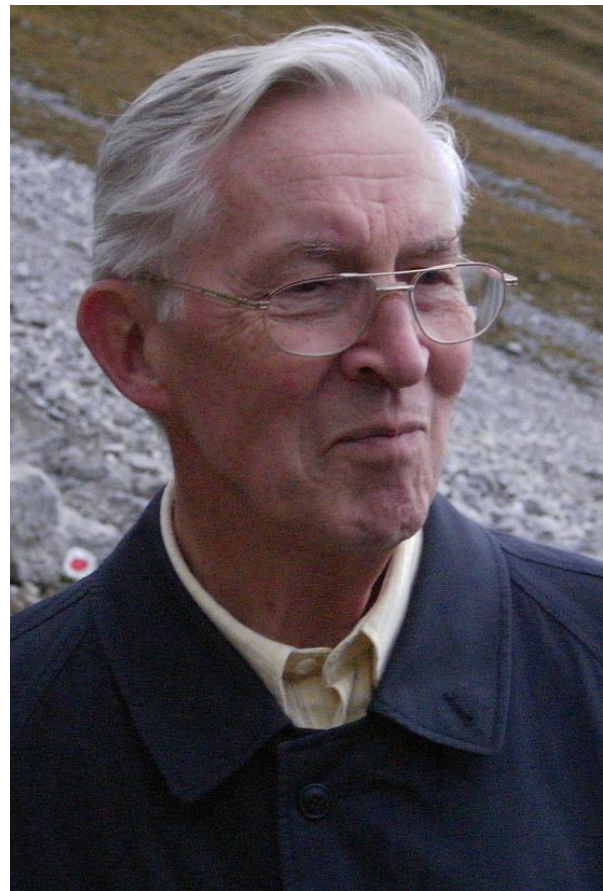


Fig. 1: Prof. Hans-Jürgen Beug during a vegetation-historical excursion on October 24, 2005 in South Tyrol (Italy) organised by Jean Nicolas Haas and Klaus Oeggl (University of Innsbruck, Austria) for the “Arbeitskreis für Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft (AVRTG)”. Photo Jörg Christiansen, 2005.

From 1985 to 1997, Hans-Jürgen Beug created an independent Institute from the Department for Palynology, namely the Interdisciplinary Institute for Palynology and Quaternary Sciences, of which he was director until he retired. In 1991, the Institute was expanded to include the Laboratory for Dendrochronology and Dendroecology, headed by Hanns-Hubert Leuschner. In 1996 the scientific achievements of H.-J. Beug were honoured by the German Quaternary Association with the Albrecht Penck Medal.

After his retirement in 1997 he got the chance to do things that previously had been left undone. His lively activities in the field of

palynological databases, in writing books, and in the context of the still ongoing DFG Slavic project testify to his restlessness.

Hans-Jürgen Beug had a strong influence on Palynology in Germany and worldwide, particularly through his chair in palynology from 1969 to 1997 in Göttingen. One of his focal points was pollen morphology. He therefore compiled important comparative collections and photo collections over the years. However, it was until 2004 that his excellent palynological knowledge and diverse pollen morphological studies were actually completed, with the publication of the excellent 540-page book "Leitfadern der Pollenbestimmung für Mitteleuropa und angrenzende Gebiete" (Beug, 2004). He was certainly one of the best experts on the European pollen flora.

Hans-Jürgen Beug has done a variety of research in the field of vegetation history, palaeoecology, palaeoclimatology, settlement history, peatland science and marine palynology. Through his numerous studies in many localities in southern Europe, he has done pioneering work there and made a significant contribution to the history of vegetation, including the history of plant refuge areas and distributions of European tree species. Another focus was the numerous studies in southern Germany. The studies in the field of marine palynology off West Africa deserve special mention. Through an extensive research project at the Institute with several scientists, pioneering work was made, and significant contributions to the development and importance of palynology in marine areas today. Many other worldwide activities, such as in Central Asia, or in the area of settlement

history, should also be mentioned here. More than 90 own publications and more than 100 other publications (by employees at the Institute) document their extensive scientific activities. Many of the students of H.-J. Beug are now active in the field of palynological science.

H.-J. Beug was also very active in several scientific organizations and institutions. The working group on Vegetation History of in the Reinhold Tüxen Society (RTG) should be highlighted here. Hans-Jürgen Beug chaired this working group from the beginning in 1992 and contributed to the organization of the German-speaking palynologists through their annual meetings.

So, through his work, Hans-Jürgen Beug made very important contributions to worldwide Palynology and gave Palynology an important scientific position in Göttingen and Germany.

References

Beug HJ (2004) Leitfaden der Pollenbestimmung für Mitteleuropa und angrenzende Gebiete. Pfeil, München

See also:

Behling, Hermann, Dupont, Lydie M., Jahns, Susanne, Schlütz, Frank, Christiansen, Joerg & Bittmann, Felix (2022) In memoriam Prof. em. Dr. Hans-Jürgen Beug, 18th January 1932 to 5th March 2022. Vegetation History and Archaeobotany 31: 443–445.

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CURRENT IFPS AFFILIATED SOCIETIES AND COUNCILLORS

The current list of the IFPS officers and IFPS councillors is provided below. The IFPS president (Jean Nicolas Haas), IFPS secretary-treasurer (James B. Riding), IFPS editor of *PALYNOS* (Encarni Montoya), and the IFPS Web-Master should be informed of any errors or necessary changes. Please inform the IFPS Officers of possible website or email address changes.

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IFPS President Jean Nicolas Haas	University of Innsbruck, Austria	Jean-Nicolas.Haas@uibk.ac.at
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IFPS affiliated Societies	Acronym & Website	Councillors
American Association of Stratigraphic Palynologists – The Palynological Society	AASP – TPS http://www.palynology.org	Fabienne Marret-Davies
Arbeitskreis für Paläobotanik und Palynologie	APP https://www.palaeontologische-gesellschaft.de/ueberuns/arbeitskreise/ak-palaeobotanik-palynologie/	Martina Stebich
Arbeitskreis für Vegetationsgeschichte der Reinhold-Tüxen-Gesellschaft	AVRTG http://www.reinhold-tuexen-gesellschaft.de/	Hermann Behling
Asociación Latinoamericana de Paleobotánica y Palinología	ALPP http://www.ufrgs.br/alpp	Mercedes di Pasquo
Asociación de Palinólogos de Lengua Española	APLE https://aple.csic.es/	Pilar S. Testillano
Association des Palynologues de Langue Française	APLF https://assoaplf.wixsite.com/website	Marie-Pierre Ledru
Canadian Association of Palynologists	CAP https://capacp.wordpress.com/	Terri Lacourse
Collegium Palynologicum Scandinavicum	CPS www.palynology.info	Heikki Seppä
Commission Internationale de Microflore du Paléozoïque	CIMP http://cimp.weebly.com/	Jiří Bek
Gruppo di Palinologia della Società Botanica Italiana	GPSBI http://www.societabotanicaitaliana.it/gruppi/gruppo-palinologia-e-paleobotanica-gpp-sbi/21	Laura Sadori
International Association for Aerobiology	IAA https://iaerobiology.wordpress.com/	Dorota Myszkowska
Linnean Society Palynology Specialist Group	LSPSG http://www.linnean.org/	Barry Lomax
Organisation of Czech and Slovak Palynologists	OCSP https://pl-pl.facebook.com/people/Ocsp-Palynology/100014125576264/	Marianna Kováčová
Palynological Association of Nigeria	PAN https://www.facebook.com/Palynological-Association-of-Nigeria-168093586579093/	Emuobosa Orijemie
Palynological Society of China	PSC http://www.chinapsc.cn/zyfh/bfxh/en/about	Wei-Ming Wang
Palynological Society of Japan	PSJ http://www.psj3.org/	Hikaru Takahara
Palynological Society of Poland	PSP	Milena Obremska
Palynologische Kring (The Netherlands)	PK http://www.palynologischeskring.nl	William Gosling
Palynologists and Plant Micropalaeontologists of Belgium	PPMB https://ininet.org/palynologists-and-plant-micropalaeontologists-of-belgium.html	Philippe Steemans
Russian Palynological Commission	RPC	Elena Novenko
Society for the Promotion of Palynological Research in Austria	AUTPAL http://www.autpal.at	Reinhard Zetter
The Micropalaeontological Society Palynology Group	TMS http://www.tmsoc.org/paly.htm	Luke Mander
The Palaeobotanical Society India	PBS http://palaeobotanicalsociety.org	Rama S. Singh
Turkish Committee for Palynology	TCP	Zühtü Bati
Affiliation/Membership of the IFPS at the:		
<i>International Union of Geological Societies</i>	<i>IUGS</i>	Lucy Edwards
<i>International Union of Biological Societies</i>	<i>IUBS</i>	Jean Nicolas Haas (ad interim)
Former Societies of the IFPS:		
International Association for African Palynology	AIPA/IAAP	
Palynological and Palaeobotanical Association of Australia	PPAA	
Philippine Palynological Society	PPS	



XXI INQUA CONGRESS

"TIME FOR CHANGE"

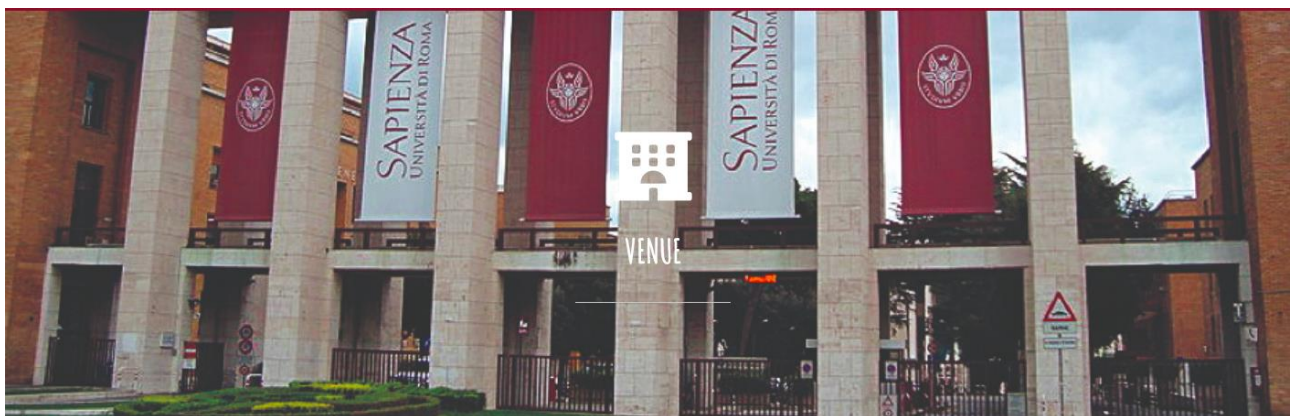
The XXI INQUA Congress will be held in Rome (Italy) in summer 2023 (13-20 July) and will focus on “a Mediterranean perspective on Quaternary Sciences” to highlight the extreme relevance that Quaternary disciplines have in geologically-active and environmentally-critical regions.

The second circular (<https://inquaroma2023.org/2022/05/17/second-circular/>) is available at the conference web site (<https://inquaroma2023.org/#intro>).

More than 200 scientific sessions have been proposed in agreement with the themes of the 5 INQUA Commissions. The call for abstract will be open until 1st November 2022.

The theme of our congress is “Time for Change” to emphasize the critical role of Quaternary sciences in contributing the knowledge we need to face current societal and climate challenges. In fact, the understanding of the global changes cannot be achieved without the scientific knowledge of how Earth has changed during the recent geological past. As such, it is very appropriate to convene the international Quaternary community in Italy; the Mediterranean region is so geologically young and active, it is the ideal location to discuss the process and events that shaped the landscape, environments and ecosystems over the last 2.58 million years.

The congress will take place 70 years after the 4th INQUA Congress, held in 1953 in Rome and Pisa. The 2023 venue will be the Sapienza University main Campus (conveniently located in the central east of Rome, close to main train and subway stations) in order to present our research in a friendly university environment with reduced registration fees. Moreover, in 2023 we will join celebrations with special events commemorating the 720th year since the foundation of Sapienza University and the 150th anniversary of the Italian Geological Survey.



Italy and the Mediterranean region are an encyclopedia of Quaternary Sciences that will be on display during the proposed fieldtrips. Pre-congress (19), mid-congress (9) and post-congress (7) fieldtrips will be held in Italy and in some other Mediterranean Countries. Fieldtrips will run both prior to and after the XXI INQUA Congress. Please consider that we will be in full tourist season especially after the Congress so that the number of pre-Congress fieldtrips is greater than post-Congress. There will also be various one-day mid-congress trips on Sunday 16 July, both in Rome and its surroundings. The deadline for fieldtrip registration is 20 February 2023.

PRE-CONGRESS FIELDTRIPS

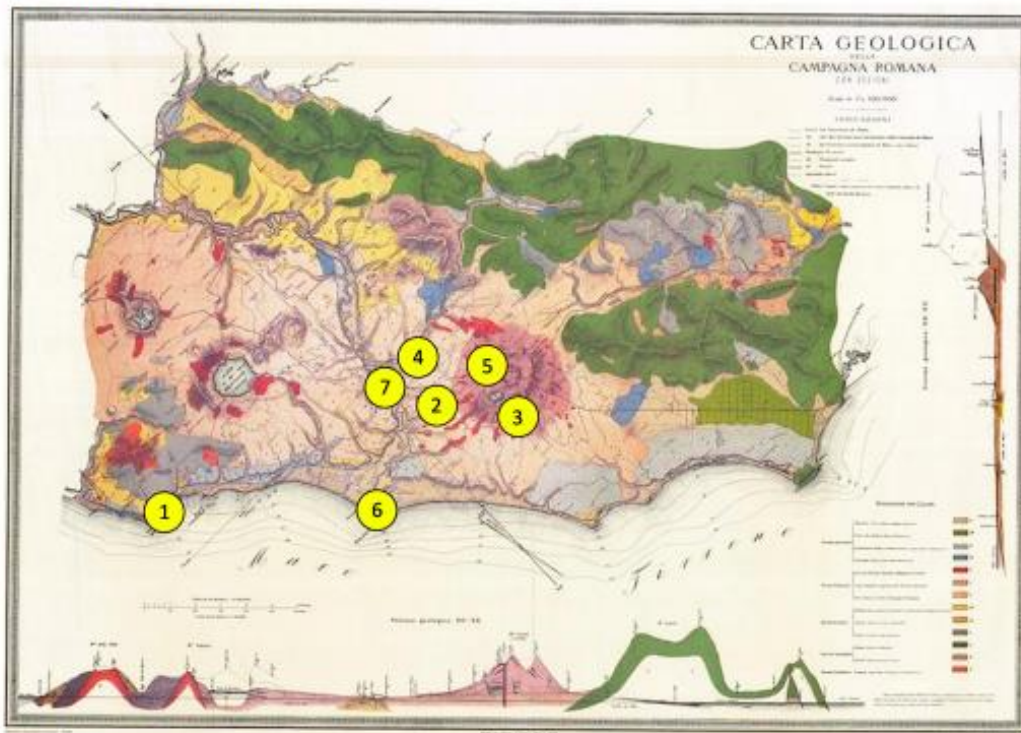


- 1) Late Pleistocene-Holocene uplift and active tectonics at the southern margin of the Central Anatolian Plateau (Southern Turkey). **Cosentino et al.**
- 2) Late Quaternary landscapes and palaeoenvironments through the Mediterranean and the Alps. **Ollivier et al.**
- 3) Pleistocene slope, shallow-marine and continental deposits of eastern central Italy wedge-top basin: a record of sea-level changes and mountain building. **Celma et al.**
- 4) Life with geohazard at the contact of the Alps, the Dinarides and the Pannonian Basin. **Jamšek Rupnik et al.**
- 5) Palaeolithic Cave deposits and Karst evolution in the Venetian Pre-Alps. **Peresani and Sauro**
- 6) Large landslides, climate changes and human impact in the Italian Dolomites since the Lateglacial. **Soldati et al.**
- 7) The Bradanic Trough: stratigraphic response to subsidence, shortening and uplift of the Quaternary south-Apennine's foreland-basin. **Tropeano et al.**
- 8) LGM and Lateglacial at the southern end of the Alps (Maritime Alps). **Ribolini et al.**
- 9) Decoding Upper Pleistocene in Sardinia (Western Mediterranean). **Orru et al.**
- 10) Palaeogeographical evolution of the Egadi Islands (western Sicily, Italy). Implications for Late Pleistocene and Early Holocene sea-crossings by humans and other mammals. **Antonioli et al.**
- 11) Active Tectonics, Earthquake Geology, Palaeoenvironment and Quaternary sequences: A transverse along the Corinth Gulf Rift to Zakynthos Island. **Papanikolaou et al.**
- 12) Santorini island (Greece): four days in a volcano. **Nomikou et al.**
- 13) Quaternary glacialism of the Aosta Valley: a transept from the Ivrea end moraine system to the Monte Bianco Massif. **Gianotti et al.**
- 14) A tour through volcanology and archaeology at the Neapolitan volcanoes. **Petrosino et al.**
- 15) Geology, Geomorphology in active zones, Archaeology in active zones. **Doumaz et al.**
- 16) MIS 5, Relative Sea-level, U/Th dating, Cave stratigraphy, Archaeology. **Isola et al.**
- 17) Palaeosols across the N. Apennines: insights into the Late Quaternary dynamics of an active orogen. **Andreotta et al.**
- 18) The Lower Pleistocene of Ionian Calabria (Southern Italy) and the Vrica GSSP. **Capraro and Maiorano**
- 19) The Middle Pleistocene to Early Holocene of southern Apulia (southern Italy). **Sardella et al.**

- 1) Active tectonics and major seismicity in Central Italy. **Gori et al.**
- 2) When tectonics and climate take over: Quaternary depositional history of extensional Tuscan basins. **Bertini et al.**
- 3) Glacial history of Croatian Dinarides. **Ljerka Marjanac et al.**
- 4) LGM glacial and glaciofluvial environments in a tectonically active area (southeastern Alps). **Monegato et al.**
- 5) The Quaternary evolution of Sulmona basin, central Italy. **Giaccio et al.**
- 6) Drainage system adjustment in response to the opening of the Rieti intermontane basin. **Fubelli et al.**
- 7) Quaternary archives in the Northeastern Adriatic karst environments. **Furlani et al.**
- 8) Holocene marine and lake landscapes of Dalmati- the National Parks Krka and Kornati. **Slobodan et al.**
- 9) Messinian/Zanclean, Zanclean/Piacenzian and Piacenzian/Gelasian GSSPs in Sicily. **Caruso et al.**



MID-CONGRESS FIELDTRIPS



1875 Geological Map of the Rome region after P. Mantovani. The map is made of mainly Quaternary deposits: Pleistocene volcanoes (pink to reddish), eolianites (gray), coastal marshland (light green), travertine (blue), Holocene Tiber River delta

- 1) Late Holocene sea-level changes and the Roman fish tanks (Civitavecchia). **Enei et al.**
- 2) The INGV National earthquake center. **Stramondo et al.**
- 3) The secrets of the Albano crater lake. **Anzidei et al.**
- 4) Archaeoseismological evidence of past earthquakes in Rome. **Galadini et al.**
- 5) Volcanology of Roma. **Palladino et al.**
- 6) Late Holocene evolution of the Tiber River delta plain. **Mazzini et al.**
- 7) Rome before Rome: a river among two volcanoes. **Pantaloni et al.**

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We welcome news items, reports on society activities, reviews etc. and members should forward these to the newsletter editor:

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