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NEWSLETTER OF THE INTERNATIONAL FEDERATION OF PALYNOLOGICAL SOCIETIES

CONTENT OF PALYNOS VOL. 42 (1)

- PAGE 1:  IFPS BUSINESS
- PAGE 2:  PRESENTATION OF NEW IFPS COUNCILLORS
- PAGE 3:  CONFERENCE REPORTS
- PAGE 4:  IFPS SOCIETIES' REPORTS
- PAGE 9:  FUTURE MEETINGS
- PAGE 11:  PALYNOLOGICAL HOMAGE
- PAGE 17:  CURRENT IFPS AFFILIATED SOCIETIES AND COUNCILLORS
- PAGE 18:  IMPRESSUM

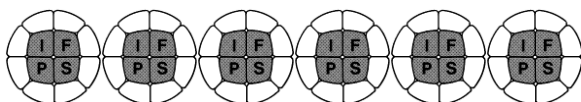


As we are still looking for a webmaster to become member of the IFPS board of officers, this website is currently and provisionally maintained by the board of officers, who will for the moment decide on which items will be uploaded. Please send your information on society news, palynological events, opportunities, possibilities and locations to study palynology, etc. to:

Jean-Nicolas.Haas(at)uibk.ac.at
(the current president of IFPS).

And in case you might be interested to take over the job of a webmaster for IFPS, please send your written application to the same email address. We will evaluate possible candidates and the board of officers will decide on the future responsibility for the IFPS website thereafter. And most importantly: This new website is your (!) website, so please contribute to it, use it, and link it to your society webpage, so that we get a good visibility for our palynological field in the near future. Thanks and looking very much forward to get your feed-back!

Your IFPS board of officers: Jean Nicolas Haas, Charles Wellman, Jim B. Riding & Encarni Montoya.



IFPS BUSINESS

NEW IFPS WEBSITE

It took a while, but now we are pleased to announce the new website of IFPS:

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

The website is currently being uploaded with items of interest to the IFPS. However, a website makes only sense, if it is regularly updated, so please send us your items of palynological interest, and we will check them, possibly adapt them accordingly, and finally put them on the website thereafter.

PRESENTATION OF NEW IFPS COUNCILLORS

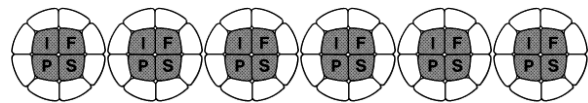
Francine McCarthy
Canadian Association of
Palynologists, CAP



Francine McCarthy (Ph.D., Dalhousie University), Professor and Graduate Program Director, Earth Sciences, Brock University; Core Member, Environmental Sustainability Research Centre, Brock University; Associate Member, Biological Sciences, Brock University; Adjunct Member, School of Earth Sciences and Geography, McMaster University. Francine is a micropaleontologist who is interested in Late Cenozoic paleoenvironmental reconstruction, primarily using acid-resistant organic walled microfossils – pollen and non-pollen palynomorphs. Her research has spanned small lake to abyssal marine environments and everything in between, primarily at mid-latitudes in the Northern Hemisphere. Her interdisciplinary research has been conducted in collaboration with several geologists, biologists, geographers, and archeologists from government, university, and the private sector. Current research focus is on

meromictic lakes, notably Crawford Lake, which is one of ten candidate sites for the GSSP of the proposed Anthropocene Epoch. She has been on the executive of several organizations, including current membership on the board of the International Association for Great Lakes Research and Canadian Association of Palynologists liaison to the International Federation of Palynological Societies.

Francine McCarthy
Brock University
email: [fmccarthy\(at\)brocku.ca](mailto:fmccarthy@brocku.ca)



CONFERENCE REPORTS

10TH EUROPEAN PALAEOBOTANY & PALYNOLOGY CONFERENCE IN DUBLIN – IFPS FUNDED PHD STUDENTS REPORT

TATIANA FORAPONOVA



First of all, I would like to say a lot of words of gratitude to the organizers of the 10th European Paleobotany and Palynology Conference for their great work and to the IFPS for my travel-grant.

It was my first experience of taking part in an international conference, and I was inspired and fascinated by EPPC2018. I did not expect that so many paleobotanists and palynologists would have gathered in one place. It was a

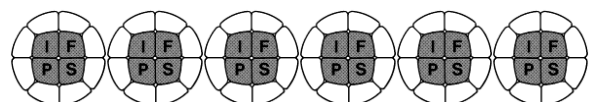
great pleasure to meet colleagues, to discuss my results with them, and to talk about their studies. I presented the poster “New data on peltaspermean in situ pollen from the Permian of the Russian Platform”, which was about some pollen grains extracted from sporangia of two species. The purpose of the study was to establish a link between pollen and macroremains. Pollen grains preserved in sporangia were not numerous, that prevented me from making final conclusions. However, my work still was interesting not only to Russian colleagues, but also to international palynological and paleobotanical community, and it was extremely important to me and encouraged me to continue the study to get a more reliable result.

There were lots of interesting reports and posters, that I wished I could be everywhere at once. Every day was full of wonderful and informative talks. One of the sessions which I attended was “Originations, extinctions and species turnovers in plant history”. There were reports not only dealing with palynology, like systematic problems, pollen morphology, palynological assemblages, etc., but also combined data of palynology and other branches of paleontology. Altogether it helped me to gain a better understanding of the environment and biosphere events, which took place in the distant past.

Because I am a student, it was especially useful for me to know about techniques I did not know before, such as microtomography, or acetate peel technique, I also was impressed by FIB-SEM. There were many reporters, who applied this technique in their research, and it is wonderful that such technologies are becoming more and more accessible for paleontologists.

It was a great pleasure to visit EPPC2018 and to get to know so many wonderful people. Hope to meet everybody again next time!

*Tatiana Foraponova,
Laboratory of Paleobotany, Rumania
email: desidebar(at)yandex.ru*



IFPS SOCIETIES' REPORTS

1st Circular on XV IPC/XI IOPC, Prague 12-19th September 2020



XV International Palynological Congress XI International Organization of Palaeobotany Conference

200 Years of Palaeobotany
12th–19th September, 2020, Prague, Czech
Republic
<http://www.prague2020.cz/>

Since 2009, the world community of palynologists and palaeobotanists has met every four years to discuss the latest research, and to exchange experiences. The 15th International Palynological Congress (IPC-XV 2020) and the 11th International Organisation of Palaeobotany Conference (IOPC-XI 2020) are coming soon. This joint congress will be held in Prague, from the 12th to the 19th of September 2020, hosted by Czech palynologists and palaeobotanists. In 1820, a binomial nomenclature for fossil plants was used for the first time by the “Father of Palaeobotany“ Caspar Maria Sternberg, when publishing *Flora der Vorwelt*. We are delighted to dedicate this meeting in honour of 200 years of Palaeobotany.

It will be an excellent opportunity for the Czech Republic (a country rich in plant fossil finds, palynological sites, and palynological and palaeobotanical history) to host the leading experts in various disciplines, and to promote scientific innovations. Joint symposia are planned to foster interaction and

integration between palynologists and palaeobotanists, as well as plenary sessions of general interest. The meeting is promoted by the collective efforts of the International Federation of Palynological Societies (IFPS) and the International Organisation of Palaeobotany (IOP).

Please complete the pre-registration form on our website:

<http://prague2020.cz/registration.php>



Location

Prague is the largest city and the capital of the Czech Republic. Situated in the heart of Europe, it is one of the continent's most beautiful cities, and the primary Czech economic and cultural centre. It is famous for its historical monuments and sights, and has UNESCO World Heritage status. The Charles Bridge (Karlův most) across the Vltava River probably represents the city's most famous landmark. The winding course of the Vltava, with its succession of bridges and changing vistas, contrasts with the ever-present backdrop of the great castle of Hradčany (Prague Castle), which dominates the left-bank region of the city. Prague is famous for its cultural life. Wolfgang Amadeus Mozart lived here, and his Prague Symphony and Don Giovanni were first performed in Prague. In addition, the lyrical music of the great Czech composers Bedřich Smetana, Antonín Dvořák, and Leoš Janáček is commemorated each year in a music festival.

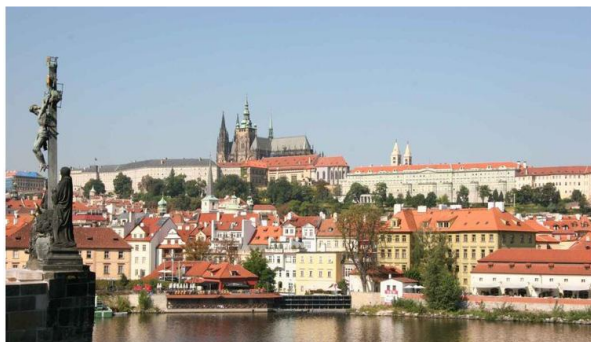
Venue

The congress will be held in the **Clarion Congress Hotel Prague**, Freyova 33, Prague 9
(<https://www.clarioncongresshotelprague.com>)

/en/). This is an international four-star hotel and a state-of-the-art conference center, providing high-quality services. The hotel is 30 minutes by car from the International Václav Havel Airport and 10 minutes by metro from the historic city centre of Prague. The conference centre is directly on the metro B line, station “Vysočanská”.

Facilities

The hotel offers accommodation in 559 rooms. All rooms and public areas are fully air-conditioned. Catering is provided in 3 hotel restaurants, which can seat 900 people. Conference facilities are divided into 23 halls and meeting rooms, comfortably seating up to 2500 participants. The facilities are equipped with state-of-the-art audio-visual technology.



Call for Symposia

It is our pleasure to invite proposals for symposia for IPC XV/ IOPC XI 2020, the joint meeting of the 15th International Palynological Congress and 11th International Organization of Palaeobotany Conference, to be held September 12th–19th 2020, at the Clarion Conference Hotel, Prague, Czech Republic

The deadline for proposals is August 31st, 2019. Proposed symposia could cover various disciplines such as palynology, palaeobotany, palaeoecology, palaeoclimatology, biostratigraphy, plant taxonomy, plant morphology, cell biology, aerobiology, allergology, melissopalynology and forensic palynology. We also welcome proposals involving cutting-edge techniques.

To organize a symposium, please prepare a “**pre-proposal**” that briefly describes the

symposium in English. This pre-proposal should include the following:

1. a descriptive title;
2. one or two paragraphs explaining the purpose of the symposium;
3. a list of any possible speakers, their institutions or affiliations, and preliminary presentation titles.

We will accept only one symposium proposal from each individual. The length of symposium talks is 15 minutes, plus 5 minutes for discussion. Organisers of symposia may propose one invited speaker with a 25-minute long talk, plus 5 minutes for discussion. Please send the pre-proposal to the program committee (ipciopc2020(at)seznam.cz) and use the subject heading: IPC/IOPC 2020 Symposium proposal.

The program committee will review all proposals, and may make suggestions in view of the organization of the whole conference. For example, the committee may request merging of proposed symposia with similar topics. We also welcome workshop proposals.

More information about the IPC/IOPC 2020 is available at:

<http://prague2020.cz/introduction.php>

Scientific programme

This will cover all aspects of palaeo- and actuopalynology and palaeobotany including:

- Taphonomy*
- Airborne pollen*
- Methods in palynology and palaeobotany*
- Pollen/Spore morphology*
- Pollination ecology*
- Forensic palynology*
- Melissopalynology*
- Quaternary palynology and palaeobotany*
- Cenozoic palynology and palaeobotany*
- Mesozoic palynology and palaeobotany*
- Palaeozoic palynology and palaeobotany*
- Proterozoic Palynology*

Transport access

Transfers from the International Airport are available via the hotel's limousine service, by public transport as well as Airport Transport services. A station for the Metro B line is adjacent to the hotel. Trams and buses run outside, and a train terminal is three minutes walk away.

Practical hints

Climate

September usually brings pleasant early autumnal weather with colder mornings and hot afternoons. Temperatures of around 15-18 °C can be expected.

Transportation

Arriving by plane - Václav Havel Airport is served by many international airlines. It is located 15 km from the city center and 18 km from the conference venue. Taxi from the airport to the venue is at present about €35. A shuttle bus service operates as well. City bus No. 119 will take you from the airport to the Veleslavín metro terminal from where you can go by metro line A to Můstek, switch to line B and go to station Vysočanská.



Arriving by rail or car

Prague is easily reached by rail or car. If you arrive by train, you will find metro stations (line C) at the Central Railway Station and at the Holešovice Railway Station. From either you can go to Florenc station and switch to line B to go to Vysočanská station.

City transportation

City Transportation Prague has a comprehensive network consisting of three metro lines, and trams and buses. Single

tickets or travel passes can be purchased at most newspaper stands or from the coin machines at metro stations.

Car rental

Most of the major car rental companies (e.g. Avis, Sixt) have offices in Prague. Detailed information is available from the Symposium secretariat. We recommend making reservations in advance.

Parking

Clarion Congress Hotel has its own parking. Ask the guard at the entrance for the parking costs and the hotel parking area.

Currency

Official currency is the Czech Crown (Kč). The present exchange rate is 26 CZK for 1 Euro. Major credit cards are accepted in most shops, restaurants and hotels. You can buy Czech Crowns at banks and other authorized money exchange offices. ATMs accept most bank and credit cards. Travellers' cheques are only accepted by leading banks.

Visa Policy

Participants from most European countries and the USA can enter the Czech Republic without a visa. Other participants are advised to check requirements at their closest Czech Republic embassy or consulate, and make their own arrangements. Detail information can be found on https://www.mzv.cz/jnp/en/information_for_a_liens/general_visa_information/index.html.

An official letter of invitation will be sent on request. Such a letter will not grant any financial support.

Insurance

The Organizing Committee does not accept any liability for personal injuries or loss or damage of property belonging to participants or accompanying persons. Kindly check your personal and travel insurance before you travel.

Electricity

Electricity supply is 220 V, 50 Hz.

Tips for Prague visitors

Honest Guide:

https://www.youtube.com/playlist?list=PLM9_KZNJw8qEZd4MxOXfSvKszTJKLI_J2

<https://www.youtube.com/channel/UCt7oj318jVQi7vRbc1bNjJA>

Pre-Conference Field Trip, 3 days:

Permian of Chemnitz

The field trip will present classical outcrops, ongoing excavations and leading exhibitions, which show fossil assemblages found in Permian terrestrial strata of SE Germany. Anatomically preserved plants, animals and their taphonomic pathways will be presented and discussed as modern methods of „fossil hunting“ and collecting. [R. Rössler]

Mid-Conference Field Trips, 1 day:

Lower Palaeozoic of the Barrandian area

Field-trip to the Cambrian to Devonian sediments south west of Prague will give an opportunity to visit both new and classic outcrops, including the first internationally recognized GSSP of the Silurian-Devonian boundary. At all sites collection of fossils and sampling for microfossils will be possible. [O. Fatka, L. Vodička]

Late Cretaceous of the Bohemian Cretaceous Basin



A field trip to three localities: Horoušany, Vyšehořovice, Pecínov of the Czech fresh water Cenomanian will provide an overview of palaeobotany and sedimentology of the Bohemian Massif in mid-Cretaceous. At all

outcrops, collecting of fossils and sampling for microfossils will be possible. [J. Kvaček]

Paleogene and Neogene of North Bohemia



Eocene to Pliocene sediments are preserved in depressions and grabens along Krušné hory Mts. Besides fresh-water coal-bearing deposits, products of volcanic activity occur in Western and Northern Bohemia, forming the eastern branch of the European Cenozoic Volcanic Alkaline Province. North Bohemian Most Basin will be visited with particular interest in loc. Roudníky (Eocene-Oligocene transition) and loc. Bílina (lower Miocene). [J. Sakala, V. Teodoridis]

Postglacial of Šumava National Park



This excursion will cover late Quaternary vegetation changes with focus on long-term dynamics of natural mountain spruce forests and their disturbances. We will visit investigated lakes of glacial origin and peat bogs, where results from sedimentary archives will be presented. [P. Kuneš]

Modern pollen deposition in relation to Holocene vegetation changes in the Krkonoše Mts.

This excursion will visit our highest mountain range in NE Bohemia. In this iconic landscape, covered in its highest part by azonal tundra accompanied by many peatbogs, a long-term pollen monitoring project has been under way since 1997. We will concentrate on pollen monitoring results in relation to Holocene development of mountain tundra and mountain forest. [H. Svitavská-Svobodová]

Late Pleistocene and the Holocene of Bohemian Paradise



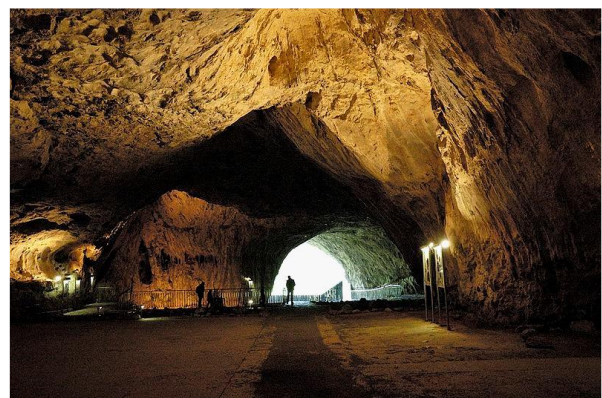
Barely hour and a half away from Prague, “rocky cities” built of Cretaceous sandstones offer an opportunity to enjoy picturesque, rarely seen landscapes and to visit some classical, as well as freshly investigated Late Pleistocene and Holocene sites. Emphasis will be given on stratified archaeological sites under rock shelters and adjacent wetlands which together provided a wealth of environmental proxies. [P. Pokorný]

Post-Conference Field Trips, 2 days: Permian of Bohemia



The Bohemian Paradise is situated about 100 km North-East from Prague. The Klenotnice Muzeum in Nová Paka with rich Permian fossil wood collection will be visited. A tour to the nearby Gothic „Pecka“ Castle is planned. „Pecka“ means stone (both geode and part of fruit). Fossil wood is visible in the castle courtyard. Actually, „Pecka“ Castle was built on rocks containing petrified wood in the 12th century. Two localities with plant fossils of the Permian Rudník Horizons will be visited during the field trip, and there will be also a possibility to find some fragments of silicified woods in fields. [Z. Šimůnek, V. Mencl]

Miocene in the Carpathian Foredeep and Quaternary of Moravian Karst

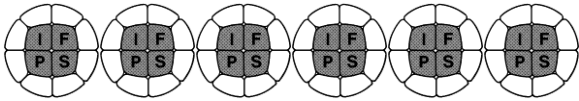


The area of South Moravia known not only for Czech vineyards and wine cellars (Mikulov), but also for Miocene deposits of Carpathian Foredeep, several prehistorical localities (Pavlovské vrchy Hills, Pasohlávky settlement, Čejč Lake) and Moravian Karst with 15 palynologically evaluated caves

(Kůlna Cave etc.) [N. Doláková, E. Břízová, M. Kováčová]

FIELD TRIPS

<http://www.prague2020.cz/fieldtrips.php>



FUTURE MEETINGS

2019

2019 XX INQUA CONGRESS 2019, DUBLIN, IRELAND, JULY 25 –31, 2019

The XX INQUA Congress will take place in Dublin, Ireland from July 25-31, 2019. The congress theme will be “Life on the Edge”, with additional sub-themes of "Dynamic Ice Sheets on a Global Scale", "Extinction", and "Adaptation to Environmental Change". See <http://www.inqua2019.org>

2019 INTERNATIONAL MOUNTAIN CONFERENCE (IMC2019), INNSBRUCK, AUSTRIA, SEPTEMBER 8-12, 2019 – SPECIFIC TOPIC 1.4. HUMAN ENVIRONMENTAL AND SOCIAL INTERACTIONS IN MOUNTAIN LANDSCAPES - THE PALEO-PERSPECTIVE

Coordinators: Gert Goldenberg (a), Michael Meyer (b), Klaus Oeggl (c), Peter Tropper (a)

Alpine environments are sensitive ecological systems that are prone to climatic and anthropogenic perturbation. While many research initiatives are investigating the impact of our industrial society on alpine landscapes and ecosystems or are looking for possible adaptation and mitigation strategies under warming climatic conditions, comparatively little research has been directed towards a systematic study of human-environmental interactions in alpine

environments by pre-industrial societies or during pre-historic times. Such paleo-perspectives, however, provide a long baseline of past changes needed to understand the natural variability of alpine environments and its resilience over a variety of timescales. Paleo-perspectives and long-term timelines also provide a variety of links to scientific research results and datasets.

For the upcoming IMC2019 hosted by the University of Innsbruck, Austria, we are seeking contributions from researchers focusing on (geo)archaeological, palaeo-environmental, and palaeoclimatic research in Alpine environments. The goal is to create a platform for researchers interested in understanding the historic and long-term perspective of alpine climates and ecosystems and the changing role of humans using these environments. In order to improve our understanding of human-environmental inter-linkages and to provide a foundation for interpreting their current status and future trends the European Alps might serve as a focus point, but contributions from other mountain ranges around the globe are particularly welcome as well.

Workshop a: Alpine mining – impact on environment and human societies

Workshop b: Alpine pathways, trade routes & migration

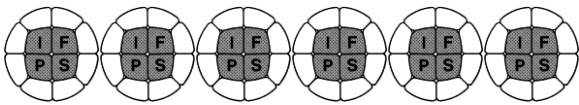
Workshop c: Subsistence strategies of alpine communities

The IMC2019 (www.imc2019.info) aims to encourage in-depth cross-disciplinary discussions towards a new understanding of mountain systems, their responses and resiliencies. It aims to build upon the three previous mountain conferences that took place in Perth, Scotland, continuing this special scientific conference series with a focus on mountain-specific topics. Hosted in the Alps, the IMC 2019 will provide an excellent opportunity for experts from different disciplines to come together and discuss mountain-related issues. The application phase is open until February 14, 2019, 17:00 UTC+1.

(<https://www.uibk.ac.at/congress/imc2019/program>).

2019 LINNEAN SOCIETY PALYNOLOGY SPECIALIST GROUP MEETING, LONDON, OCTOBER 24, 2019

Palynology Specialist Group meeting will take place on Thursday 24 October 2019 in London, a Red-Letter Day to keep free in your agenda. Further details will be announced in due times.



PALYNOLOGICAL HOMMAGE

In memoriam Prof. David J. Batten (1943–2019)



Professor David J. Batten (b. 1943) passed away on February 14, 2019 after battling with cancer. David graduated from Queen's University, Canada, with a BA in Liberal Arts in 1964 and a BSc in Geology with a minor in Biology the following year. He was awarded an MSc in Micropaleontology from University College London, and a PhD from the University of Cambridge in 1969 for research on British Wealden (Lower Cretaceous) palynomorphs and their facies distribution, under the supervision of Norman Hughes. David remained at Cambridge for two years before taking up employment in industry (Robertson Research and BP). He moved to the University of Aberdeen as a

Lecturer in 1976, relocating to the University of Wales, Aberystwyth, in 1990 where he was promoted to a personal chair in 1992. With the closure of the Geology Subdepartment there in 2002, he became affiliated with the University of Manchester.

David is best known for his contributions to Mesozoic terrestrial palynology and palynofacies analysis, his research covering a wide range of palynological and paleobotanical topics including the Normapolles pollen group and phytogeographic provinces in the Mesozoic and Cenozoic, and Mesozoic and Tertiary megaspores. David's many publications on palynofacies, from the early 1970s onwards, were to shape the way palynologists have approached this important subject. Wealden palynology remained David's abiding passion, and his research incorporated pollen, microspores, megaspores, chlorococcalean algae, freshwater dinoflagellates, macropaleontology, and palynofacies analysis, setting new standards for rigorous documentation and thoughtful interpretation. The 780-page English Wealden Fossils published by the Palaeontological Association, London in 2011 and edited by David, with five of its 35 chapters authored or co-authored by him, has resulted in a masterly and beautifully illustrated synthesis of the Wealden biota. Its sobriquet 'the Wealden Bible' is richly deserved.

David served as Editor-in-Chief of Cretaceous Research (1988–2007, 2011–2012) and Editor-in-Chief of the Palaeontological Association which included editing its flagship publication *Palaeontology* (1999–2008), responsibilities he took very seriously and which benefitted enormously from his editorial vision and meticulous attention to detail. In spite of the premature curtailment of David's university career in 2002, he supervised or co-supervised eight MSc students and 13 PhD students. His publishing output included 193 refereed papers and chapters in books, very many as first or sole author, along with 12 edited books, special issues, and field guides. David collaborated with colleagues around the

world, and is particularly fondly remembered by many friends and colleagues in China, having been appointed to a Distinguished Visiting Professorship for Senior International Scientists by the Chinese Academy of Sciences in Nanjing in 2011–2012. A list of David's publications, postdocs, and graduate students is appended.

Those who knew David will remember a kind, rather reserved, deeply reflective and unassuming individual who held himself always to the highest standards. As a supervisor he led by example. In recognition of an outstanding career, David was awarded the T.M. Harris Medal of the Birbal Sahni Institute of Palaeobotany, India in 1998, the Jongmans Medal of the Royal Geological and Mining Society of the Netherlands in 2006, an honorary life membership of The Palaeontological Association, London in 2011, and the Medal for Scientific Excellence of AASP–The Palynological Society in 2018.

Postgraduate/doctoral research fellows/associates

Dr Li Wenben, Chinese Academy of Sciences, Nanjing, China (1983-85);
 Dr Michael Sandy, Aberdeen (1984–86);
 Dr Warren L. Kovach, NATO Postdoctoral Fellow (1987–88) and research assistant (1989) in Aberdeen; research associate in Aberystwyth (1990-92);
 Dr Eva B. Koppelhus, Geological Survey of Denmark (1990-91);
 Dr Ana Maria Zavattieri, CONICET, CRICYT-PRIPBA, Mendoza, Argentina (1993-95);
 Dr Rita Dutta, University of Wales, Aberystwyth (1995);
 Mr Li Jianguo, Chinese Academy of Sciences, Nanjing, China (2003-04);
 Ms France Polette, University of Rennes (2015–16).

Research students (source of funding in brackets after title of project)

Brown, L.M. MSc, 1980. Dinoflagellate cyst biostratigraphy of the Hauterivian to Barremian boundary beds at Speeton, east Yorkshire. (Robertson Research International).
 Barker, F.L. MSc, 1981. Stratigraphic distribution of the miospore genus *Trilobosporites* in the Lower Cretaceous of southern England. (Manpower Services Commission).
 Burnhill, T.J. PhD, 1982. Mid-Cretaceous stratigraphy and micropalaeontology of the central North Sea. (British Petroleum plc.).

Marshall, K.L. PhD, 1983. Dinoflagellate cysts from the Cenomanian, Turonian and Coniacian of Germany and England. (NERC).

Partington, M.A. PhD, 1983. The stratigraphy, distribution and phylogeny of some Lower Cretaceous Circumpolles from southern England. (NERC).

Tocher, B.A. PhD, 1984. Palynostratigraphy of uppermost Albian to basal Coniacian (Cretaceous) sediments of the western Anglo-Paris Basin. (City of London Polytechnic; with co-supervisor T. Kilenyi, CLP).

Ewen, D.F. MSc, 1985. Palynological investigation of the Upper Delfland and Fourteen's Clay Formations of three wells in the Q/1 Block of the Dutch Sector, North Sea Basin. (Unocal).

MacLennan, A.M. PhD, 1985. Biostratigraphic and palynofacies analysis of selected Lower Cretaceous sections from Portugal. (NERC).

Barron, H.F. MSc, 1986. Dinoflagellate cyst biostratigraphy and palynofacies analysis of the Upper Jurassic strata at Helmsdale, N.E. Sutherland. (Robertson Research International).

Cutts, R. MSc, 1987. Middle Jurassic palynology of the Brora Outlier, Sutherland. (Robertson Research International).

Lister, J.K. MSc, 1987. Palynology of the Cretaceous (Barremian-Aptian) sequence in the Hurlands Farm Borehole, West Sussex. (Self-financing).

Mellanby, F. MSc, 1987. Ostracod assemblages as indicators of salinity in the Upper Jurassic and Lower Cretaceous of southern England. (Self-financing).

Uwins, P.J.R. PhD, 1987. Early to mid-Cretaceous palynology of the Cyrenaica Basin, Northeast Libya. (Jersey Education Authority).

Farr, K.M. PhD, 1988. Palynomorph and palynodebris distributions in modern estuarine sediments. (NERC).

Head, M.J. PhD, 1990. Dinoflagellate cysts and other marine palynomorphs from lower Eocene through lower Pliocene sediments of the Labrador Sea and Baffin Bay. (NERC).

Dutta, R.J. PhD, 1994. Ultrastructure of Mesozoic spores and pollen. (NERC).

Chryssi, M. PhD, 1996. Palynology of Early Tertiary sections in NW Germany. (Republic of Greece, State Scholarships Foundation).

Harris, A.J. PhD, 1997. Palynology of Cenomanian–Turonian successions in the Western Interior of the USA (AASP Consortium; with co-supervisor B.A. Tocher).

Prince, I.M. PhD, 1997. Palynology of the Upper Cretaceous succession of the Anglo-Paris Basin. (AASP Consortium; with co-supervisor B.A. Tocher).

Lydon, S.J. PhD, 2000. Distribution of dispersed plant cuticles in the English Wealden with systematic revision of the Ginkgoales and allied gymnosperms (NERC; with co-supervisor J. Watson, University of Manchester).

Li Jianguo, PhD, 2004. Palynology of Late Cretaceous – Early Miocene sediments of the southern margin of the Laurasian continent in Xigaze, Xizang (Tibet).

(Chinese Academy of Sciences; with co-supervisors Zhou Zhiyan, Zhang Yiyong of Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences and M. Banerjee of University of Calcutta).

Lukaye, J. MPhil, 2007. Biostratigraphy and palynofacies of four petroleum exploration wells from the Albertine Graben, Uganda (Dept. of Petroleum Exploration and Production, Ministry of Energy and Mineral Development, Uganda; with co-supervisor D. Stead, Wellstrat Services Ltd)

Polette, F., PhD candidate 2016 to date. French Cretaceous palynology. (University of Rennes, France; with co-supervisor D. Néraudeau, University of Rennes).

Students who graduated from the University of Wales, Aberystwyth with an MSc in palynology

1991: D.T. Stead, P.D. Roberts

1992: M.A. Brimble, P.S. Dibble, C.J. Matthews, V. Persson, P. Winrow

1993: S.P. Murphy, C.J. Payne, J.D. Rees

1994: R.C. Chiverrell, R.J. Coates, F. Henschley, R.C. McGee, D. Patterson

Martin Head

In memoriam
Prof. RNDr. Blanka
Pacltová, CSc.
18. 10. 1928 – 2. 2. 2019



Blanka Pacltová

For anyone whose thoughts veer to micropaleobotanical research at the Natural Science Faculty of Charles University, the first name that must come to mind is that of Blanka Pacltová. Her entire professional life, from 1955 through her retirement in 1995 was closely connected with the paleobotanical faculty and workplace. Last year she saw her 90th birthday, and despite certain age-related health problems, her zeal for living and new areas of paleontological research remained undiminished. Unfortunately, February 2nd, 2019 marked the final steps on her path through life.

Blanka Pacltová was born October 18th, 1928 in Nachanice. Her youth was spent on her parents' agricultural estate in Kratonohy, near Hradec Králové. She went to school in Prague, initially at a language school, where she studied German and English in 1943-44,

but this was interrupted by the occupation of our country by the totalitarian regime. Simultaneously, she attended evening classes at the gymnasium in London Street, and after the occupation, attended the gymnasium full time, which ended with her graduation in 1948. She was accepted to the Natural Science Faculty of Charles University in the fields of chemistry and biology, and after the creation of the geological faculty, she studied geology-paleontology, specializing in paleobotany. During the last year of her study, she began working as an assistant in the paleontological department, under professor Němejc. In 1952 she got her doctor's degree in natural science, and in 1959 began independent teaching at the school. In 1963, she was named a docent of Charles University in this field, and in 1990 her exemplary pedagogical and research activities were rewarded with the title of professor.

Professor Pacltová was essentially the founder of Czech palynology. She combined teaching her students with building the field of paleopalynology, and was able to demonstrate its necessity not only for addressing questions of development in organic life, but also the utility of palynology in practice. With assistance from professor Kodym, she built a specialized palynological laboratory and established a library. She trained a generation of specialists, focused on study of the pre-Cambrian and Paleozoic, and collaborated with distinguished foreign palynologists, like W. Krutzsch, J. A. Doyle, G. Norris, H. Pflug, N. Hughes and H. Méon. Professor Pacltová published over 200 original works, covering essentially all geological formations and microfossils of all plant groups. She tied her research on peat bogs to works by K. Rudolph, took part in research on southern Czech Cretaceous basins, worked on Tertiary coal-forming pans, and occupied herself with the evolution of angiosperms. Her work on the Normapolles complex is well known. In later years, she turned her attention to the oldest organisms of the pre-Cambrian, and

micropaleobotanical research on the origins of Barrandien stromatolites.

She was a member of many international and domestic scientific organizations. During the years 1968-1974, she was the director of the International Palynological Association, on the board of the Commission for Palynology and Origin of Life, a member of the editorial board at the *Pollen at Spores* magazine, a correspondent for *Stromatolite Newsletter*, on the board of the Czech Geological Society, and director of the board of professional paleontologists. She helped organize numerous domestic and international conferences. All her life, Blanka Pacltová was a shining example of how to successfully combine a scientific education with active problem-solving in a variety of fields. Her professional, yet warm and personal approach left a life-long impression on her students. She was respected not only by her students, but also by numerous colleagues, domestic and foreign. Her colleagues will remember her as a friendly and empathic person. Long live her memory!

Marcela Svobodová, Jiřina Dašková

In memoriam

RNDr. Pavlína

Snopková, CSc.

22. 6. 1932 – 3. 3. 2019



Pavlína Snopková was born on January 22nd, 1932 near Humenné in eastern Slovakia. She studied Biology at the Faculty of Natural Sciences of the Comenius University in Bratislava, graduated in 1957, defended her doctoral thesis in 1978 and received the title Candidate of Geological Sciences (CSc.).

In 1957, she started her research position at the Geological Survey (Geological Institute of Dionyz Stur in Bratislava), where she began to apply a palynological method, primarily in Neogene and Palaeogene biostratigraphy. She was the first who has established biozones based on pollen spectra from Miocene sediments from the eastern Danube Basin. A great contribution was her first interpretation of paleoecology and paleoclimate conditions in this region.

Beginning in 1961, she focused on palynology of the flysch sediments related to the Central Carpathian Paleogene (CCP), and the Paleogene of the Outer Flysh zone of eastern Slovakia. Over time, she examined all

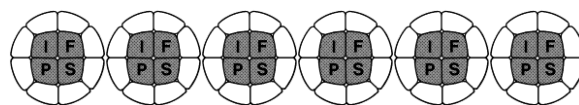
the lithofacial sequences in the CCP, as well as those in the Magura and Dukla units. She correlated the obtained results with those from the Paleogene in Bohemia, Germany, Poland, Ukraine and Hungary. Using palynology, she confirmed the source area in the Outer Flysh Zone, as well as the existence of the Spiš-Gemer drift zone during the sedimentation of the Central Carpathian Paleogene. Paleogene data are concluded in her key paper Snopková (1980): Paleogene Sporomorphs from West Carpathians. Western Carpathians, *Seria Paleontologia*, 5, 7-74.

Between 1990 and 1992, she devoted her research to palynological correlation studies of the Western Carpathian Paleogene with Hungarian and Bohemian ones. Ten correlation tables, from the Lower Eocene to the Upper Oligocene were elaborated, in which stratigraphically significant species are listed. The results of the study were successfully presented during the International Paleofloristic and Paleoclimatic Changes Symposium during Cretaceous and Tertiary, held in September 1992 in Bratislava, as well as published in Konzálová, Rákosi and Snopková (1993): Correlations of paleogene palynoflora from Bohemia, Hungary, Slovakia, In: Paleofloristic and paleoclimatic changes during Cretaceous and Tertiary, *Konf. Symp. pull. GUDAS*, Bratislava, (1993), 63-67.

Paulína was an excellent colleague, teacher, an exceptional character, but above all, a good person. This is the way we will remember her forever.

Honor her memory!

Adriena Zlinská, Marianna Kováčová



CURRENT IFPS AFFILIATED SOCIETIES AND COUNCILLORS

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

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IFPS Officers	Affiliation	Email
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Gruppo di Palinologia della Società Botanica Italiana	GPSBI http://www.societabotanicaitaliana.it/laygruppo.asp?IDSezione=22	Laura Sadori
International Association for Aerobiology	IAA https://sites.google.com/site/aerobiologyinternational/	Dorota Myszkowska
Linnean Society Palynology Specialist Group	LSPSG http://www.linnean.org/	Barry Lomax
Organisation of Czech and Slovak Palynologists	OCSP http://www.ocsp.eu/	Marianna Kováčová
Palynological Association of Nigeria	PAN https://www.facebook.com/Palynological-Association-of-Nigeria-168093586579093/	Emuobosa Orjemie
Palynological Society of China	PSC http://www.chinapsc.cn/palynology/en/index.asp	Wei-Ming Wang
Palynological Society of Japan	PSJ http://www.psj3.org/	Reiko Kishikawa
Palynological Society of Poland	PSP	Milena Obremaska
Palynologische Kring (The Netherlands)	PK http://www.palynologischekring.nl	Timme Donders
Palynologists and Plant Micropalaeontologists of Belgium	PPMB	Philippe Steemans
Russian Palynological Commission	RPC	Elena Novenko
Society for the Promotion of Palynological Research in Austria	AUTPAL http://www.autpal.at	Michael Hesse
The Micropalaeontological Society Palynology Group	TMS http://www.tmsoc.org/paly.htm	Manuel Vieira
The Palaeobotanical Society India	PBS http://palaebotanicalsociety.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>	Jacques-Louis de Beaulieu
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Palynological and Palaeobotanical Association of Australia	PPAA	
Philippine Palynological Society	PPS	

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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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