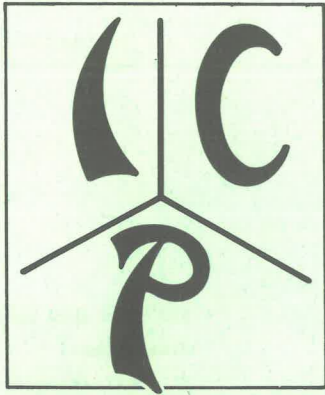


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Newsletter

INTERNATIONAL COMMISSION FOR PALYNOLOGY

VOLUME 7 NUMBER 1

JUNE 1984

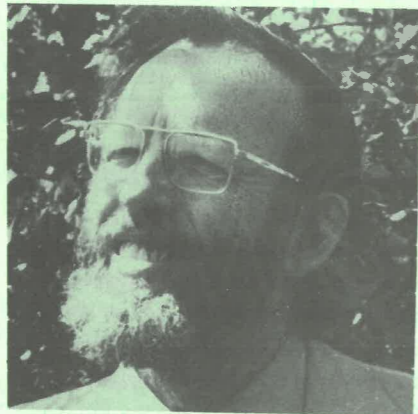
NEW ICP PRESIDENT

Colin McGregor

Colin McGregor needs little introduction to members of I.C.P.; he is well known internationally and highly respected for his very significant publications in the field of palynology. Colin began his career with the Geological Survey of Canada in 1957 as a palaeobotanist.

In 1962 he commenced work on Phanerozoic palynology; this was at a time when the study of stratigraphic palynology was in its infancy. He discovered that palynomorphs may be found throughout the Phanerozoic in various lithologies, other than coal, and he wrote numerous biostratigraphic reports concerning rocks from many parts of Canada ranging in age from Ordovician to Tertiary. Since 1968 he has specialized in the Devonian system. He has played a most significant role in major studies of the biostratigraphy of all Devonian stages. His publications concerning the taxonomic descriptions of Devonian spores in Canada form a sound basis for biostratigraphic zonation and they will serve as important references for the future.

After intensive study of the palynological literature concerning Devonian spores in the Soviet Union, he was able to make correlations with spore zones in Canada, and in collaboration with his palynological colleagues in Europe, he has

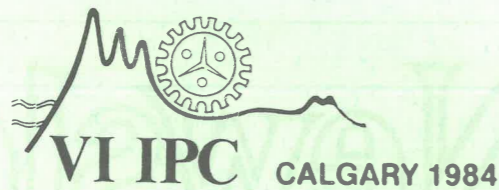


proposed a spore zonation for the entire Devonian of the Northern Hemisphere. He is now working on worldwide paleogeographic interpretations of continental palynofloras. He has to his credit more than 72 publications and numerous Geological Survey internal reports.

Colin is an active member of a number of scientific societies and organizations. Some of these include: the IUGS, International Subcommission on Devonian Stratigraphy (council member); the American Association of Stratigraphic Palynologists (the official representative to I.C.P.); Commission Internationale de Microflore du Paléozoïque (member of Executive Committee and North American Secretary); Canadian Association of Palynologists (President in 1979).

In the field of international cooperation Colin has been active for a number of years. In 1973 he spent a year in Bolivia helping to establish a modern palynological laboratory and assist with a training program at the Bolivian State Oil Company. In 1975 he similarly advised the Turkish Petroleum Corporation concerning their palynological laboratory. Both of these projects were initiated by the United Nations.

J. Utting



August 26 - September 1, 1984

WELCOME

The Organizing Committee, on behalf of the Canadian Association of Palynologists, looks forward to welcoming palynologists from around the world to Calgary. We anticipate a large number of registrants representing the full spectrum of palynological disciplines. The Calgary Conference will provide a rare opportunity to meet with foreign colleagues and to communicate new ideas and new discoveries in oral and poster sessions.

MEMBERS OF ORGANIZING COMMITTEE

Co-Chairman	Entertainment
L.V. Hills	J.H. Dolby
J. Jansonius	

Program	Invited Speakers
J.K. Lentini	S.A.J. Pocock

Special Sessions	Commercial Exhibits
J. Bujak	B.G. van Helden

Poster Sessions	Publicity
D.J. McIntyre	H.J. Sullivan

Extraordinary Sessions	Councillor
R.E. Turner	D.E. Braman

Field Trips	Recording Secretary
A.R. Sweet	S.M.L. de Gasparis
W.W. Brideaux	

Printing and Editing	Conference Coordinator
J. Utting	Lois Kokoski
	Faculty of Continuing Education
	The University of Calgary T2N 1N4

FINANCIAL SUPPORT

The Organizing Committee acknowledges, with great appreciation, the financial and material support of the following

institutions:

Arctic Institute of North America
 Canadian Society of Petroleum Geologists
 Chevron Canada
 Esso Resources Canada Ltd.
 International Commission for Palynology
 International Union of Geological Sciences (IUGS)
 Ranger Oil
 Shell Canada
 The University of Calgary

CONFERENCE OFFICE:

MAIL ADDRESS FOR CONFERENCE MEMBERS

For the period of Sunday, August 25th to Saturday, September 1st, mail and messages to conference members may be addressed to:

Sixth International Palynological Conference
 Room 102, Education Tower
 University of Calgary
 Calgary, Alberta
 T2N 1N4 CANADA

Telephone (0800 to 1630 hours Mountain Daylight Saving Time):
 (403) 284-5051

After hours emergency
 (403) 284-5553 (Campus Security Office)
 Telex number: 03821-545

CONFERENCE PROGRAM HIGHLIGHTS

The following functions are part of the official program and are open to all members and accompanying members:

Saturday-Sunday	Fieldtrip # 2
Sunday-Monday	Registration (all day)
Sunday evening	"Ice-breaker" reception (hosted)
Monday morning	Official ceremonies; invited lecture by W. G. Chaloner.
Monday evening	Invited lecture by J. Rowley, followed by a wine and cheese party.
Tuesday evening	1. Informal slide

and film show on Canadian themes.

2. Business meetings.

Wednesday afternoon and evening	ICP General Assembly Western style entertainment at Elkana Ranch.
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Thursday evening	Distinguished speaker D. Russell, on North American dinosaurs.
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Friday afternoon	Invited lecture by D. Mclean. Official closing session.
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Saturday	One-day fieldtrips
Saturday-Monday	Fieldtrips # 1,3,4,5.

INTERNATIONAL ASSOCIATION FOR AEROBIOLOGY

The IAA will hold a North American meeting in conjunction with the Sixth IPC, and plans to run a one day session of contributed papers, on the topic of allergies and dispersed pollen. The organization of this session is handled by the IAA; its participants will be full members of the Sixth IPC. Those concerned will receive further details from the IAA, or may request information from Dr. Stephen A. Hall, Department of Geology, N. Texas State University, Denton, Texas, 76203, U.S.A., Tel. (817) 565-2381.

INTERNATIONAL ORGANIZATION OF PALEOBOTANY SECOND CONFERENCE : Edmonton, Alberta ; University of Alberta, 19-26 August 1984

The IOP will hold a one week meeting immediately preceding the Sixth IPC; its organization is as follows. A field excursion will begin in Calgary on Sunday, August 19th, and travel via Brooks, Drumheller, Red Deer, Athabasca Glacier, Jasper and Geness. Two days of formal presentations are scheduled in Edmonton for Thursday and Friday. The field trip will return to Calgary on Sunday, August 26th. For further information, write to Dr. Ruth A. Stockey, IOPC, Dept. Botany, University of Alberta; Edmonton, Alberta, Canada, T6G 2E9.

IFPS CONSTITUTION

Draft revision of the IFPS Constitution text (by Dr. C. McGregor) will be submitted to the General Assembly (compare with the former text published in ICP Newsletter, June 1983).

1: The Federation shall be named the "International Federation of Palynological Societies" (IFPS).

2: The International Federation of Palynological Societies (IFPS) shall be a federation of regional, national, linguistic and specialist palynological societies. The aims of the IFPS shall be to advance knowledge in palynology and related subjects by the promotion of international cooperation and meetings between scientists of all regions and countries.

3: Meetings of the IFPS may be organized independently or in conjunction with other international meetings such as those sponsored by the International Union of Biological Sciences and/or the International Union of Geological Sciences.

4: The General Assembly of the IFPS shall consist of those members present at a general meeting of palynologists for which notice of one year has been given by the IFPS officers to the federated societies.

5: Members belong to the IFPS through their membership in regional, national, linguistic and specialist societies. A subscription shall be paid annually by each of the federated societies to the IFPS Secretary/Treasurer on the basis of each society's membership numbers; the amount of subscription shall be determined by the IFPS Council; regional, national, linguistic and specialist

society membership lists shall be sent to the IFPS Secretary-Treasurer.

Members are kept in touch with the IFPS through their federated societies, to which IFPS circulars will be sent for distribution.

6: Business of the IFPS shall be conducted by the elected Council of the Federation, and by committees appointed by Council.

7: The Council of the IFPS shall consist of the following members: a President, the Past-President, a Secretary-Treasurer, and Councillors to the number of one for each regional, national, linguistic and specialist society (or two for any society with more than 200 members); two additional Councillors may be co-opted for purposes of subject or regional balance. There shall be three Vice-Presidents, and they shall include representatives of Actinopalynology and Paleopalynology.

8: ELECTIONS: The incoming President shall be elected by the retiring Council at least one month before the next regular General Assembly, at which the retiring President will preside. The incoming President shall take office at the closing plenary session of the General Assembly and shall remain in office until the clo-

* New material is underlined. This draft revision of the constitution is subject to ratification by the General Assembly.

ing plenary session of the next General Assembly. The Secretary-Treasurer shall be nominated by the incoming President-Elect, the nomination subject to confirmation by the incoming Council within three months after the General Assembly. Councillors shall be elected or nominated by the regional, national, linguistic and specialist societies. The Secretary shall request nine months before a General Assembly that all the federated specialist societies elect or nominate their Councillors on the basis of Paragraph 7, so that they can take office along with the incoming President at the final plenary session of the General Assembly. If no General Assembly is held within five years of the previous General Assembly, elections of Councillors and officers shall be conducted as explained above, and the results announced by IFPS Circular not later than five and one half years after the previous General Assembly. Two co-opted Councillors may be nominated by the President and confirmed by the incoming Council, in accordance with Paragraph 7. The three Vice Presidents provided for in Paragraph 7 shall be elected by the incoming Council from among the Councillors, in accordance with the requirements of Paragraph 7. The President may not stand for a second consecutive term in that office. Other Councillors may not serve more than two consecutive terms of office, with the exception that the immediate Past-President shall not be excluded from Council by this provision.

9: REPLACEMENT AND SUCCESSION OF COUNCILLORS:

If the IFPS President dies, resigns, or is in the view of two-thirds of Council, unable to carry out the duties of his office, he shall be succeeded in office by the Secretary-Treasurer, who then must resign as Secretary-Treasurer. If the Secretary-Treasurer dies, resigns, or is in the view of two thirds of Council unable to carry out the duties of his office, he shall be replaced in the same manner as provided in Paragraph 8. A Councillor who dies, resigns, or is judged incapacitated by the society which elected or nominated him, shall be replaced by that society. Inasmuch as Vice-Presidents are elected from among the Council members, a Vice-President who resigns as Councillor resigns also his vice presidency. The society he represents shall replace him as Councillor as provided above, but Council must replace him as Vice-President by a new election in accordance with Paragraph 8. Constituent societies may replace their Councillors at any time, but the term of office for all Councillors is normally the full period between General Assemblies. If the area or subject for which a co-opted Councillor was selected forms a palynological society or group, the co-opted Councillor shall cease to be a Councillor, and that society or group shall elect or nominate a Councillor, as provided in Paragraph 8. The

co-option of another Councillor for another area or subject, per Paragraph 7, is then possible.

10. Except as specified in paragraphs 11 and 13, any motions passed by a General Assembly shall be referred to Council and shall be considered by Council.

11: The Constitution shall only be amended at a regular General Assembly or at an extraordinary General Assembly called by the Council. In either case the text of any proposed amendment shall be circulated six months before the meeting to all members through the federated societies.

12: AUDIT:

The accounts of the IFPS shall be made up annually on 31 December and submitted to an auditor approved by Council. Abstracts of accounts shall be presented at each General Assembly and on request to the federated regional, national, linguistic and specialist societies.

13: DISSOLUTION:

The Federation (IFPS) shall be dissolved only at a regular General Assembly, or at an extraordinary General Assembly which has been called for this purpose, by a majority vote of the members present. In the event of such dissolution, any property or assets of the Federation shall be by decision of that General Assembly be

disposed of by gift to one or more international organizations concerned with the furtherance of palynology.

By Laws

1: The Council shall organize an "International Palynological Conference" at intervals of four of five years, and a General Assembly shall be called at such meetings.

2: The annual membership subscription shall be US \$ 1.00 per annum, payable through the regional, national, linguistic and specialist societies by 1 May.

3: In addition to the officers mentioned in the Constitution, the President may appoint, Council concurring, an IFPS Newsletter Editor, who is responsible for preparation and distribution to member societies, of periodic newsletters about IFPS activities.

The Secretary-Treasurer shall also have the right to appoint one or two Associate Secretaries to assist with such tasks as caring for the IFPS World List of Palynologists.

4: Amendments to By-Laws may be made by Council and will be considered effective six months after being notified to the membership in a General Circular.

THE BRITISH MICROPALAEONTOLOGICAL SOCIETY, London

Officers of the Society and Members of the Committee 1983 - 1984

Chairman: Dr. R.H. Bate. SSI (UK) Ltd., Tannery House, Tannery Lane, Send, Woking, Surrey GU23 7EF.

Secretary: Dr. P.P.E. Weaver. Institute of Oceanographic Sciences, Brook Road, Wormley, Godalming, Surrey GU8 5UB. Tel: 042-879-4141.

Treasurer: Dr. J.E. Whittaker. Department of Palaeontology, British Museum (Nat. Hist.), Cromwell Road, London SW7 5BD. Tel: 01-589-6323.

Journal Editor: Dr. Lesley M. Sheppard, SSI (UK) Ltd., Tannery House, Tannery Lane, Send, Woking, Surrey GU23 7EF.

Newsletter Editor: Dr. R.L. Austin, Department of Geology, The University, Southampton SO9 5NH. Tel: 0703-559 122/557941.

Microplankton Group Chairman: Dr. G.C. Wilkinson, Britoil, 150 St. Vincent Street, Glasgow G2 5LJ.

Microplankton Group Secretary: Dr. S. G. Molyneux, British Geological Survey, Ring Road, Halton, Leeds LS15 8TQ. Tel: 0532-605343.

Palynology Group Chairman: Dr. M.C. Boulter, Palynology Research Unit, N.E. London Polytechnic, Romford Road, London E15 4LZ.

NEWS FROM AFFILIATED SOCIETIES

Palynology Group Secretary: Mr. N. Hooker Britoil, 150 St. Vincent Street, Glasgow G2 5LJ. Tel: 041-204-2525.

REPORT OF MEETING: MICROPLANKTON AND PALYNOLOGY GROUPS, Palaeopalynology meeting, Cambridge, 5th December 1983

List of contributors and contributions

Talks

C.O. Hunt: British Pleistocene freshwater dinoflagellate cysts.

J.B. Richardson: Downtonian palynofacies and environmental interpretation.

G. Warrington: Transition terrestrial to marine; Late Triassic to Early Jurassic.

J.B. Riding: Dinoflagellate cyst floras from Late Toarcian and Aalenian strata of the Blea Wyke/Ravenscar area, Yorkshire.

C.R. Hill: Palaeogeographic reconstitution of an Aalenian shoreline based on dispersed cuticles.

M.C. Boulter: Terrestrial debris in the marine Palaeocene of the Forties Field.

N.F. Hughes: Are you satisfied with the with the other man's data handling?

Posters

I.I. Aslam:
i Early Cretaceous phytogeography based on miospores.

ii *Contignisporites*: Early Cretaceous of Western India.

iii *Callialasporites* and *Classopolis*: SEM study.

M.C. Boulter: Terrestrial debris in marine Palaeocene of the Forties Field.

J.L. Chapman: Permanent angiosperm tetrads: Cretaceous of Portugal.

I.C. Harding:
i Additional angiosperm pollen: Warlingham Borehole".

ii Lonely dinocyst: Warlingham Borehole.

S. Lowe: Albian microflora of equatorial regions.

A.B. McDougall & N.F. Hughes:

i Cambrian diacromorphs

ii Early Barremian small unidentified miospore

iii New Barremian angiosperm pollen.

S.G. Molyneux, B. Owens & W.L. Manger: Late Devonian palynomorphs: Bedford Shale and Berea Sandstone of Central Ohio, U.S.A.

J.H.J. Penny: Early Cretaceous angiosperm pollen: Mersa Matruh borehole NW Desert of Egypt.

J.B. Riding: Toarcian/Aalenian dinoflagellate cysts from Ravenscar.

G. Warrington: Transition terrestrial to marine: Late Triassic and Early Jurassic.

FROM AASP NEWSLETTER, January 1984

Dr. Richard L. Pierce of Mobil Oil Corporation in Dallas, Texas, died at the age of 57 on December 23, 1983, from gunshot wounds suffered during a robbery attempt on December 8. Dr. Pierce was a longtime AASP member, and had served the organization in numerous capacities, including as President, Editor and Councillor.

The AASP Foundation has established a Rick Pierce Memorial Fund. Contributions should be made payable to the AASP Foundation and forwarded to:

Robert Clarke, Mobil Research and Development Corporation, Dallas Research Division, P.O. Box 819047, Dallas, TX 75381.

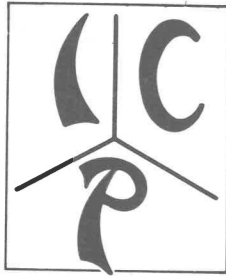
1984 ANNUAL AASP MEETING

The 1984 Annual Meeting of AASP is scheduled in Arlington, Virginia, October 17 - 20. Arlington is only a few minutes from downtown Washington, D.C.. The annual field trip will be to classic fossiliferous Cretaceous and Tertiary localities of the Maryland and Virginia Coastal Plain.

Students are especially encouraged to attend the meeting and present papers. Students and advisors are reminded of the L.R. Wilson Award for Best Student Paper, which is given at every annual meeting; the award carries a cash stipend and a plaque.

For further information contact: Norman Frederiksen, U.S. Geological Survey, 970 National Center, Reston, VA 22092. Phone: 9 (703) 86- (703) 860-7745.





INTERNATIONAL COMMISSION FOR PALYNOLOGY

(affiliated to I.U.B.S. and I.U.G.S.)

Council

1980 - 84 1984 - 88

President:

C. Caratini C. McGregor, Canada
Bordeaux France

Vice-presidents:

B.E. Balme,
Nedlands, Australia;
A.F. Chlonova, To be elected by the
Novosibirsk, USSR; new Council after
U. Hafsten, the Calgary confer-
ence.
Trondheim, Norway;
D.C. McGregor
Ottawa, Canada

Past-President:

A. Traverse, C. Caratini
University Park Bordeaux France
Pennsylvania USA.

Secretary-Treasurer.

J. Jan du Chêne, Dr. M. Jarzen, Canada
Isso Rep, B.P. 150 To be confirmed by
33321 Bègles, France. ICP Council

ICP Newsletter editor:

J. Jan du Chêne, To be designated
Isso Rep, B.P. 150
33321 Bègles, France.

1980 - 84

1984 - 88

Representative to IUGS:

G. Lachkar, To be designated
Paris, France.

1980 - 84

1984 - 88

Representative to IUBS:

A. Le Thomas To be designated.
Paris, France.

MEMBERS

1980-84	1984 - 88	1980 - 84	1984 - 88
<u>ACP</u> E.M. Van Zinderen Bakker	E.M. Van Zinderen Bakker	<u>GPSBI</u> D. Marchetti (U. Biffi)	No answer yet
<u>AASP</u> J.E. Canright D.C. McGregor	H.V. Kaska D.J. Nichols	<u>OCP</u> B. Pacltova	No answer yet
<u>APP</u> W. Riegel	To be designated	<u>PSL</u> D.C. Bharadwaj	No answer yet
<u>APLE</u> C. Risueno Almedia	No answer yet	<u>PPAA</u> B.E. Balme	No answer yet
<u>ALPP</u> Makino Hiroko	No answer yet	<u>PSC</u> Hsu, Jen	No answer yet
<u>APLF</u> A. Le Thomas J. De Beaulieu	A. Le Thomas G. Lachkar	<u>PSI</u> P.K.K. Nair	No answer yet
<u>BMS</u> M. Fisher	No answer yet	<u>PSJ</u> Kiyoshi Takahashi	No answer yet
<u>CAP</u> J. Utting	J. Utting	<u>PK</u> C.R. Janssen	W. Punt
<u>CPS</u> U. Hafsten	U. Hafsten	<u>PSP</u>	E. Turnau
<u>CIMP</u> C. Downie	No answer yet	<u>SPC</u>	E.D. Zaklinskaja A.F. Chlonova L.V. Rovnina
		<u>TCP</u> V.S. Ediger	No answer yet

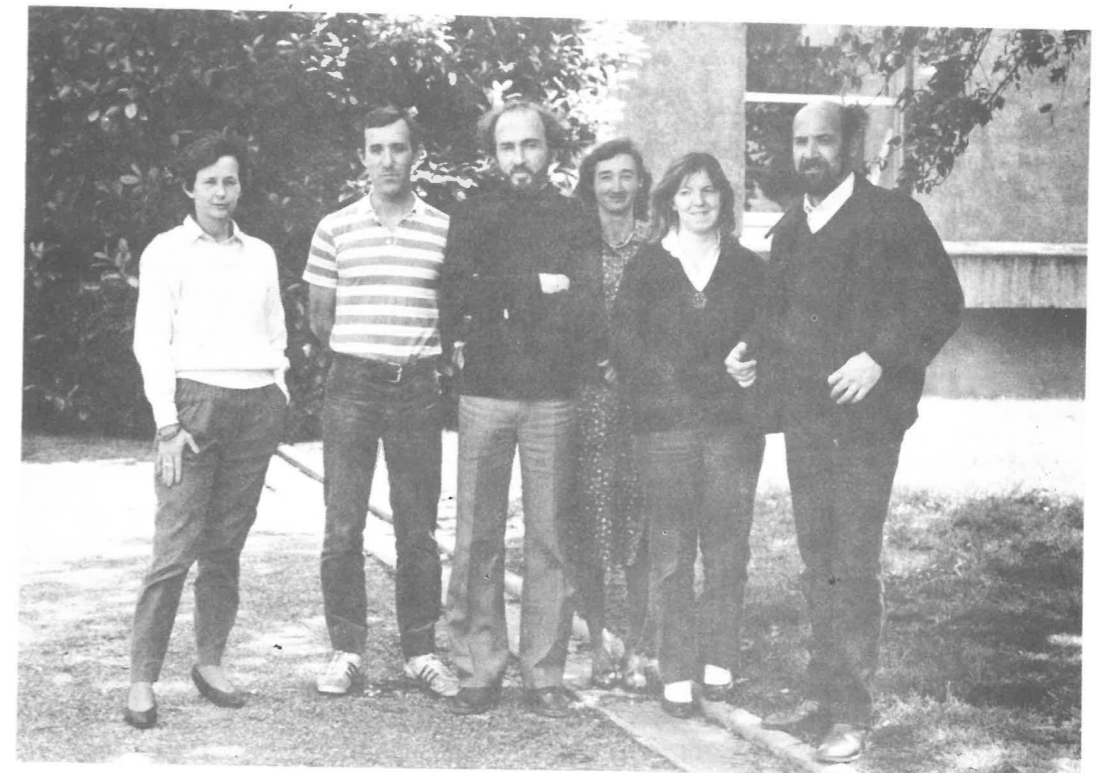


THANKS TO



ICP VOLUNTARY SECRETARIES

Catherine SAMENAYRE (left) Germaine PRGA Patricia DUCOS Corinne LINDEN



ICP VOLUNTARY PHOTOGRAPHERS AND PRINTERS

Colette TISSOT (left) Guy SALIGNIERE Alain VERGNES Marie-France TRESARRIEU Marie-Bernadette DARIGNAC Jean-Pierre VIDAL



ACTIVITIES OF THE APLF WORKING GROUP
«DINOFLAGELLES»

During the VII symposium of the A.P.L.F. (Association des Palynologues de Langue Française) held in 1981 in Geneva, none of the thirty talks presented dealt with the subject of fossil dinoflagellates.

Thus it was proposed to stimulate the study of this subject through the setting up of an active working-group. This working-group was established during a seminar on the possible applications (stratigraphy, ecology) of living and fossil dinoflagellates held in Paris in March 1982. The group has since met on seven occasions. Beside the fifteen active members, a number of interested palynologists have attended the meetings.

As a first approach, the group decided to prepare a reference collection for teaching purposes and for comparative studies. Until now, over 5000 specimens have been picked from well-preserved samples for single-grain mounts and a large collection of transparencies and photographs is available to the participating institutions. We have concentrated on Cretaceous type localities and also reference localities such as the Speeton clay section.

A further important area of our work concerned the design of a set of determination keys for fossil dinocysts. These keys are intended for the use by those with only a general knowledge of cyst morphology. Some of the keys have already been used by my students with considerable success. In my opinion, these determination keys give an easier access to what is considered by some students (and col-

leagues) to be a "secret science". For the moment, two types of keys have been designed. Firstly, the generic keys allow the differentiation of genera within the main morphologic groups (type of archeopyle, presence of distinct processes).

They are intended to provide a first approach to the subject. At present, six of these generic keys are being tested. A working knowledge of French is required for their implementation. Secondly, we have designed 36 specific keys - which allow the determination of all the described species of the respective genera. After numerous working-group discussions and subsequent alterations, keys for all genera of the *Gonyaulacysta*-group can now be presented in a publishable form

We generally followed the concepts and definitions of Stover & Evitt (1978). In some cases, views of the working-group members override the most recent emendations.

However, we were often faced with considerable difficulties in our attempt to distinguish poorly described genera and species.

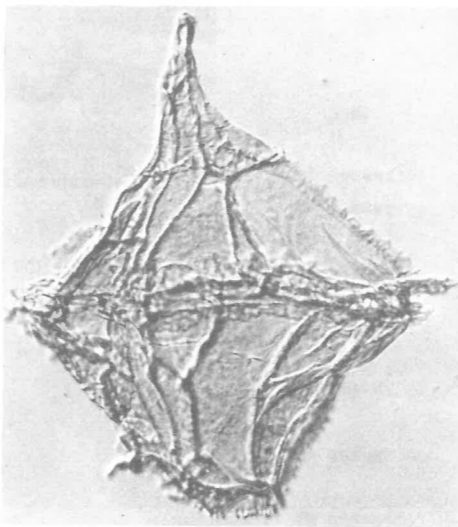
A further aim of the working-group concerns standardization of the French terminology used to describe dinocysts. Some terms commonly used in English literature have never been used by French authors. For this reason we have attempted to compile a glossary of the most commonly used French and English terms.

Besides French and English versions, we plan to include German and Italian translations.

Our plans for the future include the assembly of a reference collection of Jurassic dinocysts and the completion and publication of keys for the most important genera. Eventually we would like to revise certain groups. We intend to illustrate our keys, using original illustrations of holotypes whenever possible. We will need your assistance and cooperation to achieve this goal - thank you in advance! We would also appreciate any comments and suggestions you may have. Please contact the coordinator of the working-group:

Edwige Masure, Université de Paris VI
Lab. Micropaléontologie, T.14, 4 Place
Jussieu, 75230 PARIS CEDEX, France.

Peter A. Hochuli



Gonyaulacysta fimbriata Duxbury 1980

FIG. 1:
EXAMPLE:
INTRODUCTION
TABLE FOR THE
DETERMINATION
OF IMPAGIDINIUM
SPECIES.

GENRE IMPAGIDINIUM STOVER & EVITT 1978				IM 0
PRESENCE D'UNE STRUCTURE APICALE PROEminente (CORNE POINTUE OU EMOUSSEE, BOSSE)				TABEAU IM 1
PAS DE	PARAPLAQUES	CONES, GRANULES OU VERRUES BIEN INDIVIDUALISEES		TABEAU IM 2
	ORNEMENTEES	GRANULATION DENSE		TABEAU IM 3
STRUCTURE	PARAPLAQUES	SEPTES PERFORES		TABEAU IM 4
	NON	SEPTES	SEPTES STRIES	
APICALE	ORNEMENTEES	NON	NON	TABEAUX IM 5 & IM 6
		PERFORES	SEPTES NON DEPRIMES	

COMING EVENTS

The 7th YORK QUATERNARY SYMPOSIUM will be organized at the University of Lethbridge, August 21-23, 1985. A three day post-conference field trip is planned for August 24-26. The conference theme will be The Paleoenvironmental Reconstruction of the Late Wisconsin Deglaciation and the Holocene, and will be organized in the following sessions:

- 1: The Post Glacial Geostratigraphic Record
- 2: Paleocology and Biostratigraphy
- 3: Paleoclimatology and Paleohydrology
- 4: Paleopedology
- 5: Field Trip

If you are interested in presenting a paper in one of the sessions, please contact

Dr. Barendregt as soon as possible.

As usual, a proceedings volume will be published in early 1986.

Field trip coordinators will include, among others, Dr. A.M. Stalker (geologist), Dr. J. Dormaar (soil scientist), Dr. C. Pielou (biogeographer), Dr. G. Osborn (geologist), Dr. G. Beke (hydrologist) and Dr. C/B/ Beaty (geomorphologist).

A circular containing the program and registration form will be sent to out in June.

Mail replies to: Dr. R.W. Barendregt
Quaternary Symposium, Dept. Geography
The University of Lethbridge, 4401
University Drive, Lethbridge, Alberta,
Canada T1K 3M4.

3rd INTERNATIONAL CONFERENCE ON AEROBIOLOGY

August 6 - 9, 1986, Basel, Switzerland

From August 6 - 9, 1986 the 3rd International Conference on Aerobiology will take place in Basel. It will be organized by the International Association for Aerobiology. This association is an interdisciplinary society of scientists concerned with animate and inanimate particles suspended in the air and with their effects on organisms. Consequently, Palynology, Mycology, Allergology, Pneumology, Biometeorology and different other disciplines have their place in the field of Aerobiology.

Exhibition

There will be an exhibition with display of the latest pharmaceutical products, technical equipment and publications.

Post-congress tour

A post-congress tour (2 days) is planned to Davos with possibility to visit medical institutions and meteorological stations of local and international interest. Certain species of the alpine flora will still be in blossom that time of the year.

Accommodation

Accommodation in various price-categories (hotels, student homes etc.) has been reserved in Basel).

The 2nd Announcement with abstract and registration forms will be distributed in Spring 1985.

Topics

A. Allergology

(W. Jorde, Mönchengladbach/D.F. Wortmann, Basel/CH, E. Fuchs, Wiesbaden/D, W.R. Solomon, Ann Arbor/USA).

B. Microbiology

(A.I. Donaldson, Woking/UK, U. Allitt, Cambridge/UK, N. Nolard, Bruxelles/B)

C. Environment

(incl. Phytopathology)

(H.D. Frinking, Wageningen/NL, W.S. Benninghoff, Ann Arbor/USA, J.A. Coetzee, Bloemfontain/SA)

D. Biometeorology

and Aeropalynology

(S. Bortenschlager, Innsbruck/A.W. Schuepp, Basel/CH)

E. Methods

(G. Boehm, Basel/CH, S. Nilsson, Stockholm/S)

Free communications

Papers may be submitted to be included in the scientific programme (oral or poster presentations).

Conference Language

Preferably English. For delegates of non-English-speaking countries, it would be best to have their text on slides in English whilst speaking.

NORTH ATLANTIC PALAEOCEANOGRAPHY

A Geological Society Conference organized by the Marine Studies Committee.

NOVEMBER 6 - 7 1984

Burlington House, Piccadilly, London

(Convenors: N.J. Shackleton and C.P. Summerhayes)

SESSION 1

Circulation, Unconformities, and Sedimentation (Chairman B.M. Funnell)

SESSION 2

Neogene Deep and Surface Water Palaeoceanography (Chairman N.J. Shackleton)

SESSION 3

Mesozoic Palaeoceanography and Black Shales (Chairman: C.P. Summerhayes)

SESSION 4

Overview

R. Sheridan (Delaware)

Pulsation tectonics as the control of North Atlantic palaeoceanography (based on DSDP/ IPOD Leg 76)

POSTER SESSIONS

SESSION 1

Circulation, Unconformities, and Sedimentation

SESSION 2

Neogene deep and surface water palaeoceanography

SESSION 3

Mesozoic Palaeoceanography and Black Shales

3rd INTERNATIONAL CONFERENCE ON MODERN AND FOSSIL DINOFLAGELLATES, August 12-17, 1985.

This Conference, successor to Penrose 1978 and Hexose 1981, will be held on the Egham, Surrey, U.K., campus of Royal Holloway and Bedford Colleges (University of London) on 12th - 17th August 1985. Those wishing to receive further information should write to Professor J.D. Dodge, Dino 3, Botany Department, Royal Holloway and Bedford Colleges, Egham, Surrey, TW20 OEX, U.K.

COLLOQUIUM ON ARCHEOLOGICAL PALYNOLOGY
Valbonne, France, January 25-27, 1984.

Organizing Committee:

Josette RENAULT-MISKOVSKY
(L.A. 184 du C.N.R.S., Institut de Paléontologie Humaine, Paris),

BUI THI MAÏ et Michel GIRARD
(Centre de Recherches Archéologiques du C.N.R.S., Valbonne).

Papers:

. Knut FAEGRI (Institut de Botanique de Bergen, Norvège): L'importance de la Palynologie pour la connaissance de l'environnement archéologique dans le Nord de l'Europe.

. Charles TURNER (Botanical School, Cambridge, U.K.): Problèmes et pièges posés par la palynologie des sites archéologiques dans l'Ouest de l'Europe.

. Laura CATTANI (Institut de Géologie, Ferrare, Italie): Les paysages de la Vénétie au Moustérien.

. Michèle DUPRE-OLLIVIER (Département de Géographie, Université de Valence, Espagne): Apport de la palynologie archéologique à la connaissance des paysages du Paléolithique supérieur en Espagne.

. André MUNAUT (Laboratoire de Palynologie et Phytosociologie, Louvain, Belgique): Relation Palynologie et Dendrochronologie en Archéologie.

. Jean-Marc BOUVIER (Institut du Quaternaire, Bordeaux, France): Reconstitutions climatiques et saisonnières par approche astronomique.

Round Table, 1st part:

Méthodologie pollinique en archéologie et interprétation

. Michel GIRARD:
Les prélèvements polliniques en milieu archéologique. Méthodes et buts.

. BUI THI MAÏ:
Conservation des pollens et interprétation.

. Solange FARBOS:
Réflexion sur les variations quantitatives et qualitatives de spectres polliniques fossiles en grotte.

. Josette RENAULT-MISKOVSKY:
A propos des "indésirables" en palynologie.

. Luc BARTHELEMY:
Réflexions sur la répartition du pollen. Conséquences pour l'archéologie.

. Hervé RICHARD:
Un exemple de pollution anthropique dans les analyses polliniques: les habitats néolithiques du Grand Lac de Clairvaux (Jura)

. Marie-Françoise DIOT:
Exemple de méthodologie pollinique pour la période historique: la Motte Féodale de Bourzac (Dordogne).

Round table, 2nd part:

Palynologie, archéologie et géologie

. Martine CLET-PELLERIN:
Synthèse palynologique de quelques sites archéologiques de Normandie depuis le Néolithique

. Lionel VISSET:
Palynologie de sites préhistoriques et protohistoriques dans le district phytogéographique du Basse-Loire.

. Michel CAMPY:
Continuités et discontinuités sédimentaires dans les sites archéologiques de porche de grotte. Implications sur les séquences palynologiques correspondantes.

. Henri LAVILLE:
Climatologie au Sud-Ouest de la France au Paléolithique supérieur.

Round table, 3rd part:

Palynologie archéologique, macroflore et faune

. Anaïs BOYER-KLEIN:
Nouveaux résultats palynologiques dans les Cantabres au Tardiglaciaire

. Mme ROUVILLOIS-BRIGNOL:
La steppisation en Tunisie depuis l'époque punique: déterminisme humain ou climatique?

. Jean-Luc BOREL, Jacques-Léopold BROCHIER, Karen BAUDAIS-LUNDSTROM:
Analyses pluridisciplinaires de la colonne sédimentaire B de Charavines-Collètières

. Solange FARBOS:
Palynologie et anthracanalyse: complémentarité des deux méthodes en archéologie.

. Jacqueline ARGANT:
Difficultés et enseignements de l'analyse palynologique

appliquée à la Préhistoire. Etude du site de Solutré (Saône-et-Loire).

. Philippe MARINVAL:
La paléocarpologie: ses apports, les problèmes d'acquisition des données et l'avancement de la recherche en France

. Yann DESSE:
Saisonnalité et microchronologie. L'apport de l'archéozoologie

. François ROUZAUD et Serge COURS:
La grotte de Foissac (Aveyron)

Synthesis and conclusions:
Knut FAEGRI, Josette RENAULT-MISKOVSKY

Proceedings of this colloquium will be published. Copies may be ordered at a cost of FF 100.

For any information, please call:

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Dr. A. Chlonova sent us the titles of the papers accepted to the Symposium S.01.2.4 PALYNOSTRATIGRAPHY.

RICHARDSON J.F. Mid-Paleozoic palynology, facies and correlation.

KALVACHEVA R. Acritarch evidence for the Ordovician system in West Bulgaria.

NADLER Yu. S. Palynological characteristics of Devonian sediments in Siberia.

KMETSİK H. Carboniferous palynostratigraphy of the marginal part of the East-European platform, Poland.

ADLOFF M.C., DOUBINGER J., APPIA C., LIENHARDT M.J. Zonations palynostratigraphiques dans les séries Triassiques traversées par des sondages dans le Jura et le Bas-Dauphinais (France).

SASSI E.P., ZANFERRARI A., KALVACHEVA R. Acritarch dating of pelylites in the the Agordo Area (South-Alpine Basement of the Eastern Alps, Italy).

OLARU L., ONICEANU M. Palynostratigraphy of some metamorphic formations in the East Carpathians of Romania.

BALTES N. Palynofacies: Stratigraphic-paleoecologic concept and geologic exploration tool.

GRUZBAR E.A. Trustworthy biostratigraphic information as the only way to promote computers in paleopalynology

ZAKLINSKAYA E.D. Palynological correlations.

FEDOROVA V.A., GRIAZEVA A.S., LUBOMIROVA K.A., STANITCHIKOVA M.S. Use of the anastrophic and transitional microphyto-fossils for palynostratigraphy of Phanerozoic sediments.

THANG LU-JIN. The relation of Late Paleozoic-Early Mesozoic microfloras between the northern and southern hemispheres.

PANTIC N. Refinement of palynostratigraphic correlations from studies of the development of Mesozoic and Cenozoic floral realms.

WILLIAMS C.U. Palynology of the latest Cretaceous and earliest Tertiary rocks in the Raton Basin, Colorado, USA.

MOLDOVEANU M. Palynology of Tertiary deposits in the Pannonian Depression, Romania.

PANOVA L.A. Palynostratigraphy of Paleogene deposits of the Caucasus

VOLKOVA V.S., KULKOVA I.A., FRADKINA A.F. Palynostratigraphy of the non-marine Neogene in the North Asia.

KUMAR A. Distribution of dinoflagellate cysts in Jurassic rocks of Kutch, India.

ORLOWSKA-ZWOLINSKA T. Palynological zones of the Polish epicontinental Triassic.

IL'INA V.I. Subdivision and correlation of marine and continental Jurassic of Siberia on the basis of palynological data.

HUGHES N.F. Evolution of Early Cretaceous European palynofloras.

LENTIN J.K., BUJAK J.P. Palynological zonation of the Cretaceous of Canada.

GRICHUK V.P. The stratigraphic subdivision of Quaternary deposits of the USSR territory according to palaeobotanical data

FARJANEL G. Echelle palynostratigraphique du Fosse Bressan

KABAILIENE M.V. Correlation peculiarities of pollen zones of the marine and continental Upper Quaternary deposits in the Soviet Baltic Area

LEVKOVSKAYA G.M., LEROI-GOURHAN A., RENAULT-MISKOVSKY J. Palynostratigraphy of the oldest palaeolithic in Europe and in the Caucasus

FROM IUBS

IUBS EXECUTIVE COMMITTEE MEETING
PROVISIONAL AGENDA, Oct. 19 - 20th, 1984
IUBS Secretariat, Paris, France

1. Opening
2. Adoption of the Agenda
3. Report of the Secretary General
4. Report of the Treasurer
5. IUBS Scientific Program
6. IUBS publications
7. Cooperation with inter-governmental organizations (UNESCO, FAO, WHO, CEC etc.)
8. Cooperation with ICSU and ICSU family
9. IUBS XXII Ind General Assembly, Budapest Hungary, 1985
10. IUBS finances
11. Other matters

THE EVOLUTION OF THE EAST ASIAN ENVIRONMENT

Proceedings of the Conference:

The Paleoenvironment of East Asia from mid-Tertiary
January 7-12, 1983

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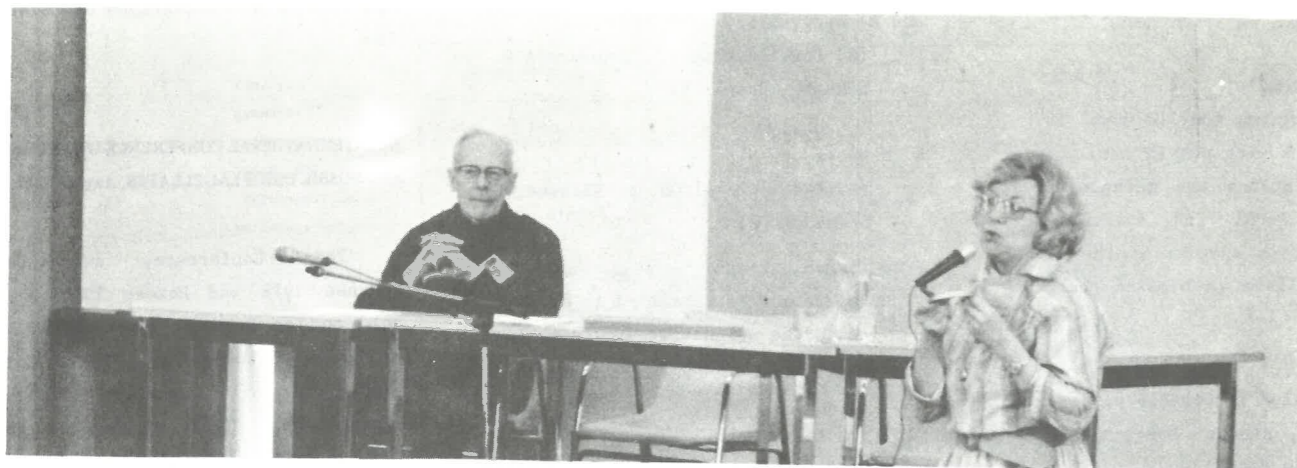
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FROM IUGS

XXVIth EXECUTIVE COMMITTEE MEETING
February 6-8, 1984, Blois, France.

An important USSR delegation lead by Pr Y.A. KOZLOVSKY, the USSR Minister for Geology was present to discuss the progress in preparation of the 27th session of the International Geological Congress which will take place in MOSCOW in August 4 - 14 1984.

The Congress organizers gave answers to the questions related to the scientific program as well

as the scientific excursions and also to all the general questions asked to the IUGS general secretary.

A next session was devoted to the reports and discussions of the affiliated IUGS groups. During this session the ICP representative Dr. G. LACHKAR has presented the main activities in the palynological societies during the last year and he answered the questions related to our groups.

Excerpts from the minutes :

Z. KIELAN-JAWOROWSKA (commentator) introduced G. LACHKAR, representative of ICP to IUGS. G. LACHKAR began his report on ICP by stating that 1983 had been a transition year for the organization. Two newsletters were distributed to more than 3000 correspondents and to the 20 regional or national associations all over the world. He spoke of the Terminology Working Group whose task is to unify the palynological terms used by the authors. A questionnaire was distributed as a starting point for agreement to computerize data base for palynological termi-

nology. There were two workshops last year in S. Africa, one on the late Quaternary period and one on Evolution and Climatic Change. At present the Commission is preparing for the Congress in Moscow.

Z. KIELAN-JAWOROWSKA added to G. LACHKAR's comments and expressed her pleasure at seeing the Terminology Working Group active. She also said that the Commission wishes to change its name to the International Federation of Palynological Societies, but she expressed her disfavour of such a move after so

many years of effective work as ICP. E. SEIBOLD reinforced Z. KIELAN-JAWOROWSKA's sentiment.

V. MENNER stated that the work of this group is well done. However, he expressed his dissatisfaction with the planned date of the ICP Council meeting which will coincide with the IGC. He said that this will cause difficulties for the programme, leaving many questions unanswered.

The Committee APPROVED the Association's report.

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