



**Commission Internationale de Microflore
(Microfossiles Organiques)
du Paléozoïque**

**NEWSLETTER
13
JUNE 1976**

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n° 13 June 1976

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Results of election and comments

Ballot forms were sent to approximately 150 members "in good standing".

61 forms were returned before the closing date of 20th February 1976.

10 forms were returned a few days late, these were mainly from eastern Europe including the U.S.S.R. This gave a total of 71 votes.

Concerning the election of the President (1976-1979) 23 of the 61 (31 of the 71) voted for Dr. J. DOUBINGER 38 of the 61 (40 of the 71) voted for Dr. S. JARDINE.

Concerning the proposal for the re-election (for a further 2 years) of the present Secretary General and the election of a Deputy Secretary General who would be a candidate for the post of Secretary General in 1977, the replies have been as follows.

- 48 of the 61 (57 of the 71) agreed with the re-election of the present Secretary General and the election of B. Owens as Deputy Secretary General.
- 8 of the 61 (9 of the 71) replied only concerning the present Secretary General.
- 2 of the 61 (2 of the 71) replied only concerning the election of the Deputy Secretary General.
- 3 of the 61 (3 of the 71) did not reply to either of these propositions.

After discussion the Executive Committee agreed that the elections should be on the basis of a simple majority. S. JARDINE was therefore elected President for the next 4 years (1976-1979).

It was also agreed that the Vice-President should be the candidate with the second highest vote in the election for president. J. DOUBINGER was therefore elected Vice-President for the same period (1976-1979).

The nomination procedure for the Deputy Secretary General has also been discussed and agreed by the Committee. B. Owens was elected for two years (1976-1977).

A new procedure for the renewing of the "Bureau du Comité exécutif" of the C.I.M.P. has by the way been put forward and it is perhaps useful to summarise below the principal rules and stages in this procedure.

- President, Vice President and Secretary General are elected for a period of 4 years, renewable only one time. The elections for the President and Vice President on the one hand and the Secretary General on the other are to be made alternatively, every two years.

- A Deputy Secretary General is elected two years before the end of the mandate of the Secretary General if the latter is not eligible for or does not accept to stand for re-election (the election of the Deputy Secretary General will therefore be held at the same time as that for the President and Vice President).

The election will be made in two stages (A and B).

A. Call for candidates in the Newsletter at the end of the last year of the mandate.

Nominations acceptable if

- a. active member for several years.
- b. proposed by at least three different laboratories.

The two candidates with the majority of proposals for each mandate (President, Secretary General or Deputy Secretary General) are eligible.

Exceptions

- a) when either the President or the Secretary General is eligible for re-election and agrees to his nomination going forward, he is automatically one of the candidates retained.
- b) when the Secretary General is either not eligible for re-election or does not wish his nomination to go forward, the Deputy Secretary which would have been elected two years previously, is automatically one of the two candidates retained.

B. Ballot forwards sent to all members "in good standing".

New composition of the Executive Committee

Bureau (Elected officers)

President	S. JARDINE	(1975-1979)
Vice President	J. DOUBINGER	(1975-1979)
Past President	B. ALPERN	(1975-1979)
Secretary General	M. STREEL	(1971-1977)
Deputy Secretary General	B. OWENS	(1975-1977)
Past Secretary General	R. NEVES	(1971-1977)

To this list can be added the Local Secretary F. CRAMER (1975-1977) responsible for the organisation of the next (12th) General Assembly and related activities of the C.I.M.P.

Other members of the Executive Committee.

The other members of the Executive Committee are connected with the various specialist group responsibilities. Their presence on the Committee depends principally on their C.I.M.P. activities. They co-opt themselves. The main themes of the C.I.M.P. may be expressed as below.

a) Themes centred on STRATIGRAPHY for which the overall convener remains B. OWENS.

Permian-Triassic	H. VISSCHER
Stephanian-Autunian	J. DOUBINGER
Westphalian	S. LOBOZIAK
Namurian	B. OWENS
Dinantian	K. GUEINN
Famennian-Tournaisian	M. STREEL
Bifelian-Frasnian	W. RIEGEL
Silurian-Lower Devonian	J.B. RICHARDSON
Pre Silurian-Silurian	C. DOWNIE

Experience has shown that these subdivisions should not become too rigid and that adjoining stratigraphic subdivisions can cooperate jointly with each other through their convenors to their mutual benefits (see Moscow).

b) Themes centred on major morphological subdivisions.

Miospores	W. RIEGEL
Megaspores	P. PIERART
Spores in situ	J.P. LAVEINE
Acrutarchs	P.J. HILL
Chitinozoa	S. LAUFELD

c) The Committee has co-opted two members whose function will be to encourage our relationships with the A.A.S.P.

D.C. MCGREGOR is responsible for our international relationships with that society.

with the U.S.S.R.
Paleozoic palynologists : a palynologist from the Moscow Academy of Sciences has been proposed for this purpose.

d) The Committee has also co-opted, for various reasons the following members.

G. CLAYTON
H. GREBE
G. LACHKAR
Y. SOMERS

CIMP membership and annual fees.

In order to facilitate the collection of the subscriptions and avoid the considerable bank charges which are levied on individual cheques, it has been decided to try to have some decentralisation of payment of these subscriptions in several Western European countries. J. JANSONIUS has provided this service for North American members since 1973.

It is proposed that the following P. HILL (British Isles), S. LOBOZIAK (France) and H. VISSCHER (Netherlands) should act as local treasurers. (See addresses below)

It has been proved that the cost of producing, and distributing an edition of the Newsletter with 40 pages (print size reduced by photographic process) has not been completely covered by the 100 subscriptions received each year. It is therefore proposed to increase the subscription for 1977 to 250 Belgian francs (or to its approximate equivalent, i.e. 25 French francs, 3 pounds sterling, 6 U.S. or Canadian dollars and 16 Dfl.

P. J. HILL, Derby College of Art & Technology,
Faculty of Sciences, Kedleston road,
DERBY DE3 1GB - Great Britain.

S. LOBOZIAK, Université des Sciences et
Techniques de Lille, UER Sciences de la Terre,
B.P. 36, F - 59 VILLENEUVE d'ASCQ - France.
H. VISSCHER, Section of Palaeobotany & Palynology,
Heidelberglaan 2, De Uithof, UTRECHT - The
Netherlands.

Relation with ICP, a comment of the CIMF Executive Committee on the ICP Constitution project.

The project of the I.C.P. Constitution (September 1975) has been discussed by the Executive Committee of the C.I.M.P. which made the following comments.

The C.I.M.P. supports the formalisation of the I.C.P. because it believes it to be a useful organisation for co-ordination between existing societies and sees it offering a united front for palynology vis-à-vis discussions with other organisations.

The I.C.P. should be a federation. Therefore we propose (I.C.P. draft constitution, point 2) "The International Commission for Palynology (I.C.P.) shall be (instead of act as) an international federation".

With regard to the payment of an annual subscription in favour of the I.C.P., the C.I.M.P. (and all specialist Societies in general) would not be able to accept the same obligations as regional and national societies. The members of the C.I.M.P. are for the most part also members of either one or the other regional or national societies and would not therefore accept to pay two (or more) individual subscriptions to the I.C.P. The C.I.M.P. would be able to contribute to the budget of the I.C.P. only on behalf of its members who would not be members of one of the regional or national societies.

With regard to the three categories of membership we believe :

- a) that only the first one (*) corresponds to a true federation of societies.
- b) that a centralised collection of small subscriptions coming from all over the world (second category of member **) is above all unrealistic and that a regional collection of the subscriptions should be superimposed on that of the existing societies. This collection should only be made by regional or national societies which would be made up of one type of member receiving only the general information of the I.C.P. for one subscription, double that of members of the first category, with one half of the money being sent to I.C.P. and one half to the organisation which assured the diffusion of the information.
- c) the text concerning the third category (***) of members has not to be included in the constitution but only mentioned in the draft intentions.

A copy of the full text of the ICP Draft Constitution can be obtained from any member of the CIMF Executive Committee.

We would particularly insist on the complimentary role that the I.C.P. should play vis-à-vis with regional, national and specialist societies. (called R/N/S/ societies)

We willingly understand for example that the organisers of the 4th International Palynological Conference in Lucknow are in a position to choose freely the titles and convenors of their Symposia.

But against this we should disapprove of new I.C.P. working groups being established to organise symposia when their themes closely overlap those of existing C.I.M.P. working groups (see Int. Pal. Conf. Lucknow 1976, 2nd Circular : Div. III, 1 & 4).

The "Comité exécutif" of the C.I.M.P. has nominated H. VISSCHER and C. DOWNIE as its representatives for discussions concerning the relationships between I.C.P.-C.I.M.P.

From the "final draft Constitution of ICP
circulated in January 1976

Members of ICP shall be all palynologists who desire to belong to ICP; they are divided into three categories.

- (*) Members who belong to ICP through their membership of R/N/S Societies and for whom a small unit subscription is paid annually by the R/N/S Society to ICP Treasurer on the basis of Society Membership numbers; R/N/S Society membership lists are sent to ICP. These members are kept in touch with ICP through their R/N/S Societies to which ICP Circulars will be sent for further distribution.
- (**) Individual members who belong to ICP directly by paying to ICP Treasurer an annual subscription of not less than five times and not more than ten times the Soc. unit subscription rate per member; particulars of the correct subscription rate will be forwarded on application to ICP Secretary. These members will be kept in touch with ICP by direct mailing of ICP circulars to them.
- (***) Members who are unable to pay a subscription by either of the methods (a) and (b). These members will not be directly in touch with ICP but may receive information if they are known to other members who receive primary circulation.

A first list of papers

THE NEXT

GET-TOGETHER IS

HALIFAX

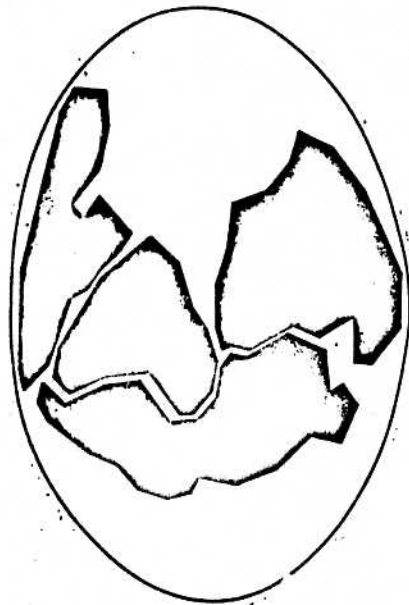
OCTOBER

1976

AASP CIMP

THE LAST

GET-TOGETHER



JOINT MEETING OF AASP/CIMP TO BE HELD IN

HALIFAX, NOVA SCOTIA

OCTOBER 12-16, 1976

Monday, Oct. 11th: Arrivals for Tuesday sessions
 Tuesday, Oct. 12th: Arrivals
 AM: Acritarch Forum
 PM: Dino Update
 Tour of city and environs
 Evening: Executive Committee meeting
 Wednesday, Oct. 13th: Continental Drift and Floral
 Provincialism
 AM: Two invited papers
 Four 20 minute papers
 PM: Three 20 minute papers
 Composite Standard Time
 One invited paper
 Three 20 minute papers
 Evening : Smoker (cash bar)

Thursday, Oct. 14th: Paleozoic Palynology
 AM: One invited paper
 Six 20 minute papers
 PM: General Palynology
 One invited paper
 Six 20 minute papers
 Friday, Oct. 15th: Paleozoic Palynology
 AM: One invited paper
 Five 20 minute papers
 PM: Annual luncheon
 Palynology of Continental
 Margins
 One invited paper
 Five 20 minute papers
 Evening : Executive Committee
 meeting

Saturday, Oct. 16th: Field Trip

Paleozoic Palynology invited papers :

RICHARDSON J. "Palynological subdivision of the Silurian-Devonian deposits of N.W. Europe and U.S.S.R."

OWENS B., LOBOZIAK S., TETERIUK V. "Palynological subdivision of the Dinantian-Westphalian deposits of N.W. Europe and the Donetz Basin U.S.S.R."

BEBOUT John W.
 TRAVERSE A.

Paleoclimatic reconstruction for the Golden Valley Formation (Paleocene-Eocene) of North Dakota, based on overlapping geographic ranges of "relict genera".

BRYANT Vaughn M., Jr.

Archeological Palynology.

BUJAK John
 BARRS S.
 WILLIAMS C.

Kerogen type and thermal alteration of Scotian Shelf, Grand Banks and Labrador.

CHRISTOPHER
 Raymond A.

A quantitative approach to the palynological correlation of three Upper Cretaceous sections from the Atlantic Coastal Plain.

CLENDENING John A.

Cambrian Acritarchs from Tennessee and Virginia, U.S.A.

EAMES Leonard E.

A Palynological Interpretation of the Devonian-Mississippian Boundary from Northeastern Ohio, U.S.A.

FREDERIKSON N.O.
 CHRISTOPHER R.A.

Triariate pollen zonation of the U.S.G.S. Charleston Project Deep Corehole No. 1, South Carolina.

GENSEL Patricia G.

Studies of the morphology and ultra-structure of some in situ Devonian spores.

GOODMAN David K.

Dinoflagellate "community" succession and dominance-diversity gradients, Nanjemoy Formation (Lower Eocene), Maryland Coastal Plain.

HABIB Daniel

Dinoflagellate Zonation at DSDP 391, and its correlation in the western North Atlantic.

HILL P.J.

Observations regarding the nature and classification of ? Baltisphaeridium pillaris.

JARZEN D.M.

Cretaceous angiosperm pollen and its paleoecological implications.

KYLE Rosemary A.

An outline of the Permian and Triassic palynology of south Victoria Land, Antarctica.

LENTIN Judith K.
 WILLIAMS G.

Key to Peridinioid Genera & Species.

MAY F.

Dinoflagellate Evidence for Monmouth Group (Campanian-Maestrichtian, New Jersey, U.S.A.) Age Equivalent Sediments in the Charleston, South Carolina, Deep Core Hole No. 1.

McLEAN Dewey M.

Biostratigraphy of Cretaceous and Tertiary Dinoflagellates from the Atlantic Coastal Plain.

Other CIMP News

- NICHOLS D.J.
OTT H.L.
PLAYFORD G.
REAGH Ann B.
RICHARDSON J.B.
SABRY H.
POBELTL Frank
SARJEANT V.A.S.
UTTING John
VAN de ZWAN
WAANDERS G.
WALTON H.S.
BERTI A.A.
WEIR Glendon H.
THURSTON E.L.
WILLIAMS G.L.
BUJAK J.P.
WITMER R.J.
MCLEAN Dewey M.
- Biostratigraphy and evolution of Monipites-Careapollenites pollen lineage in Early Tertiary of Wyoming.
- Upper Devonian - Lower Carboniferous palynofloras of northwestern Australia.
- Acritarch Assemblages of the Frasnian-Tournaisian Black Shales in north-eastern Tennessee, U.S.A.
- Reworking in lower old red sandstone sediments from the Whitney Brechhole southern England.
- Biostratigraphic framework of Mesozoic sediments of the continental margin off Nova Scotia.
- A restudy of the presumed dinoflagellate cyst *Arpyllarus astiguus* Calandra (Silurian).
- Lower Karroo Pollen and Spore Assemblages from the Coal Measures and Underlying Sediments of the Siankondobo Coalfield of the Mid-Zambezi Valley Zambia.
- Regional correlations of the Late Devonian-Early Carboniferous palynological assemblages from Bantoy Bay, S.W. Ireland.
- Microfloristic aspects of the Monmouth Group (Maastrichtian) Monmouth Co., New Jersey, U.S.A.
- Upper Triassic and Lower Jurassic palynology of the Grand Banks area, eastern Canada.
- Studies of Late Quaternary Fossil Pinaceae Pollen from a Northern Idaho Peat Bog.
- North Atlantic Cenozoic Dinoflagellates.
- Paleocene Dinoflagellate Assemblages from the Northern Atlantic Coastal Plain.

Moscow Meeting September 1975

Besides reports included in the 11 CIMP Newsletter, the CIMP part of the Comptendus will include papers by Byvsheva, Teteriuk, Teteriuk et al., Kedo, Chibrikova, Raskatova & Kholmovaya, Peterson, Terekhova, Nakoman, Dybova et al., Piéart, Siveritseva, Faddeeva (Permian vol.), Dibner (Permian vol.).

CIMP (non Permian) materials have been included in the first volume and will be issued next year. The Permian volume is expected in 1978.

Megaspore working group

Members of this working group have received an invitation for a meeting at SOSNOWIEC, Poland, in September 1976.

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The next CIMP General Assembly at León September 6-11, 1977),
a preliminary program

12th GENERAL ASSEMBLY
THE INTERNATIONAL COMMISSION OF THE MICROFLORA OF THE
PALAEZOIC (C.I.M.F.)

León, Spain
6, 7 and 8 September 1977,

with

SYMPOSIUM ON

NW European Mesozoic and Cenozoic Dinoflagellate

Palynostratigraphy

THE CONTINENTAL SHELF DIVISION OF THE ROYAL

NORWEGIAN COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH

(N.T.K.F.)

León, Spain

8 and 9 September 1977

and with

A GEOLOGICAL EXCURSION to the Cantabrian Mountains,

NW Spain

INSTITUTO DE INVESTIGACIONES PALINOLOGICAS

León, Spain

10 and 11 September 1977

The following program is scheduled for the technical sessions and the symposium :

Monday 6 September 1977 (afternoon)

C.I.M.F./TECHNICAL SESSION I : Miospores/Stratigraphy
Convenors : J.B. Richardson (Devonian Miospores) and
B. Owens (Carboniferous Miospores)

Tuesday 7 September 1977

C.I.M.F./TECHNICAL SESSION II : Acritarchs/Chitinozoans
Convenors : P.J. Hill (Acritarchs) and S. Laufeld
(Chitinozoans)

C.I.M.F./TECHNICAL SESSION III : Maturation of Kerogen
Convenor : B. Alpern

C.I.M.F./TECHNICAL SESSION IV : Pictorial Atlas of Guide
Palytomorphs
Convenors : S. Loboziak and B. Owens

Wednesday 8 September 1977

C.I.M.F./TECHNICAL SESSION V : Permo-Triassic Palynology
Convenor : M.H. Visscher

C.I.M.F./GENERAL ASSEMBLY REPORT

I.I.F./TECHNICAL SESSION : Iberian Palynology
Convenor : J. Menéndez Amor

N.T.K.F./SYMPOSIUM : SESSION I

Convenor : B. Thusu

Thursday 9 September 1977

N.T.K.F./SYMPOSIUM : SESSIONS II AND III AND PANEL
DISCUSSION

Convenor : B. Thusu

The Proceedings of the Technical Sessions and the Symposium will be published; however, only those papers actually presented at the meetings can be included in the Proceedings. Inclusion of any paper in the Proceedings Volumes is optional to both the author and the editorial committee (F.H. Cramer, M.d.C.R. Diez, C. Downie, S. Jardiné, and M. Streeel). The papers should be, preferably, in Spanish, English, or French.

A Registration Fee for the C.I.M.P. Sessions and the Symposium will be charged. The price of the Proceedings Volumes is not included in the registration fee.

The city of León lies at approximately 900 meters altitude at the foot of the Cantabrian Mountains. The daytime temperature early in September may go up to 20 degrees C and it is generally very dry, but as anywhere in the Meseta : when it rains it pours. The nights are quite cool. The fieldtrip will be mainly in the high parts of the Cantabrian Mountains, where, if Fall comes early, one must count on very cool, foggy mornings, but probably no rain. Hotels are plentiful, good, and of many different prices. Restaurants, Cafeterias and Bars are very numerous. There is no camping place close to the city of Leon. The nearest one is at the village of Hospital de Orbigo, about 40 km southwest of Leon on the road to the city of Astorga.

A first circular will be sent from León in July 1976.

The 12th C.I.M.P. General Assembly will be held in León, Spain, on 6, 7 and 8 September 1977. The Assembly will be followed on 8 and 9 September by a Symposium sponsored by the N.T.K.F. on Mesozoic and Cenozoic Dinoflagellate Cysts from the Northwestern European Continental Shelf and Adjacent Areas. On September 10 and 11, a Geological fieldtrip will visit selected Cambrian through Cretaceous palynomorphous sections in the Cantabrian Mountains of the Provinces of León, Oviedo, Palencia, and Santander.

The Symposium will cover some practical aspects of dino work in NW Europe and will highlight successful applications of dinopalynostratigraphy in the search for oil and gas in the North Sea and environs. As space and number of microscopes are limited, an early indication of your participation in the demonstration sessions of the Symposium is essential.

Special Lectures on the academic and industrial aspects of palynology will be presented by C. Downie and S. Jardiné.

During the two-day Geological Fieldtrip to the beautiful Cantabrian Mountains, selected Paleozoic and Mesozoic palynological localities will be visited and the amazing geology of the Cantabrian Mountains will be demonstrated. The excursion will terminate in León. Some of the mountain roads are rather steep and are so narrow that only relatively small busses can be used; therefore an early indication of your participation is requested.

Local and Provincial Authorities will host a Reception for the participants of the meetings on Sunday evening 5 September 1977.

The Final Dinner will be held in the Hostal de San Marcos on Thursday evening 9 September 1977. Social events are planned for the other evenings. Detailed information in the second circular.

SYMPOSIUM ON THE DEVONIAN SYSTEM

A Symposium to be held at Bristol in September 1978

Please use BLOCK CAPITALS or type throughout

Family name

First name(s)

Postal address

Name and Address of Organisation with which associated:

Do you:-

- | | |
|--|-----------------------------|
| 1. Expect to attend Symposium | YES/NO |
| 2. Require accommodation at a University Hall | YES/NO |
| 3. Require exhibition space | YES/NO |
| 4. Hope to attend the following excursions:- | |
| Pre-Symposium | A.1 (S.W. England) |
| | A.2 (Scotland) |
| Post-Symposium | B.1 (S.W. England) |
| | B.2 (Wales & Welsh Borders) |
| 5. Expect to be accompanied by a non-participant | YES/NO |
| <i>(please indicate if non-participant will attend field excursions)</i> | |

(Delete as applicable)

YES/NO
YES/NO
YES/NO

YES/NO
YES/NO
YES/NO
YES/NO

6. Expect to present a short communication. If so, please give details: YES/NO

TITLE

THEME OF COMMUNICATION (up to 30 words)

Signature

PLEASE RETURN THIS FORM BEFORE OCTOBER 1976

The Autumn meeting of the Palaeontological Association in 1978 will take the form of an International Symposium on the Devonian System. It will consist of a three-day indoor programme held in the Department of Geology at Bristol which will be preceded and followed by field excursions to the type areas of the Devonian and Old Red Sandstone, many of which are readily accessible from the City of Bristol.

Programme The Symposium meetings at Bristol will commence on the evening of 9th September and conclude on the evening of 12th September, 1978. The Symposium will comprise Keynote lectures and shorter communications with ample time for discussion.

The programme is intended to form an international forum for a global review of Devonian biostratigraphy and biofacies developments.

The first day will be concerned with the biostratigraphical subdivision of the System. Keynote speakers who have agreed to address the Symposium include T. Ørving (Fish), W. G. Chaloner (Megafloora), D. C. McGregor (Microflora), W. A. Oliver, Jr., and A. E. H. Peddar (Corals), M. R. House (Ammonoids), G. Klapper (Conodonts).

The second and third days will largely be devoted to papers dealing with biofacial aspects of the Devonian and these will be grouped and introduced by Keynote speakers which include: D. L. Dineley (Tectonic setting of Devonian facies), J. R. L. Allen (Old Red Sandstone External Basins), R. N. Donovan (Old Red Sandstone Internal Basins), R. Goldring (Inshore Clastic facies), P. H. Heckel (Carbonates) and W. Krebs (Basinal Facies).

Exhibitions Participants are invited to display material and notice should be sent to the Organising Secretary by 1st March 1978. Commercial organisations are invited to exhibit, but will be charged a fee.

Accommodation Single and double room accommodation will be available in Halls of Residence at the University of Bristol. Breakfast and evening meals will be served at the Halls and lunch will be in the Refectory near the meeting rooms at the University. Transport between the Halls and the University will be arranged in relation to the programme.

Field Excursions These are planned to last from 6-8 days and to precede and follow the Symposium. Excursions are planned to study the widest range of Devonian facies and to visit classic and important localities in the following areas:-

- | | |
|------|---|
| A. | Preceding the Conference |
| A.1, | South West England (S. Devon and N. Devon), examining the classical carbonate development and an area of mixed O.R.S. and marine facies. |
| A.2, | Scotland (examining a range of the classical facies of the O.R.S.). |
| B. | Following the Symposium |
| B.1, | South West England (S. Devon and N. Cornwall), examining the classical carbonate development and the basinal facies. |
| B.2, | South Wales and the Welsh Borders (examining mostly O.R.S. facies and the classical areas of the Silurian/Devonian boundary and O.R.S. stages). |

N.B. In the event of field excursions being oversubscribed, preference will be given to participants from outside the British Isles.

Alternative Programme A cultural programme will be arranged for non-participants involving the history, natural history and commercial activities of the cities of Bristol and Bath and adjoining areas.

Registration fees and other costs Detailed estimates of costs will be given in the second circular. Present charges for accommodation are about £6.00 (US \$12.00) per day.

Publications It is hoped that the Keynote addresses and short versions of other communications will be published as a volume in Special Papers in Palaeontology by the Palaeontological Association.

Second Circular This will be sent out about September 1977 to all those who complete the attached form and return it before October 1st, 1976, to the Secretary, from whom further information can be obtained.



From the ICP General Circular n^o 9 we have selected in the points 2, 3 and 4, the following data which could concern CIMP activities.

Members interested in obtaining a copy of the ICP General Circular n^o 9 should write to the CIMP Secretary.

2.

LUCKNOW CONFERENCE

(Fourth International Palynological Conference)
The Indian Organising Committee of Scientists under Dr. D. C. Bharadwaj reports that it is working unhindered and with great enthusiasm; the author hopes for a good response and attendance from the palynologists of the world. The Second Circular was issued in December 1975, and can be obtained by writing to Dr. S.C.D. Sah, Birbal Sahni Institute of Palaeobotany, 53 University Road, P.O. Box 106, LUCKNOW 226001, India. The Conference will be held in Lucknow from 29 December 1976 to 5 January 1977, and the circular contains information on Registration, Conference Fees, and Publication Details. In addition, there are travel and accommodation announcements, and a provisional programme, and information on the field trips (to South India, North-west India, Central India, and Eastern India) which are both pre- and post-Conference.

Additional programme information:

Divisions of the Conference and Titles of symposia were published in the Second Circular. Some new titles have already been added, and there will be some re-arrangement of titles in divisions:

- (a) Div IV, Title 2 - 'Quaternary vegetational history of Savannah and deserts'. Dr. Gurdip Singh (Cambera) has agreed to act as Convenor; prospective contributors should write directly to Dr. Singh to save time.
- (b) Div IV - 'New approaches to pollen analytical methodology' and interpretations. Convenor, Dr. H.J.B. Birks (Cambridge, U.K.). This has been transferred from Division V to IV.
- (c) Div IV - 'Palynology of early habitation and agriculture'. Convenor, Prof. A.G. Smith. Transferred from Division VI to IV.
- (d) Div I - Add 'Fossil pollen records of extant angiosperms'. Convenor, J. Muller (Leiden); Working Group P4.
- (e) Div V - 'Optical properties of palynomorphs, relations with palaeotemperatures and petroleum potential'. Convenor, Dr. B. Alpern. Transferred from Division VI to V.

Notice of related meeting:

The Fourth International Gondwana Symposium will be held in Calcutta, India, 17 - 22 January 1977.

Latest dates (taken from Second Circular):

- 1 July 76. Registration Form A (for excursions etc.).
Abstracts of papers.
- 1 Sept 76. Typescripts of papers for inclusion in proceedings.
- 1 Nov 76. Registration Form B (for accommodation).

ICP NEWS

3. Reports of Working Group Activities. Please contact Working Group Convenors for detailed information.

P1. Diagenesis of miospores and methods of palynological preparations.

The Working Group has 70 members representing palynologists and geochemists from 12 countries. A 2 day Symposium was held in the University of Cambridge, England in September 1974 (Proceedings available from the Convenor). Three committee meetings have been held and collaborative studies have commenced on material from the Steeple Ashton Borehole, Oxfordshire, England (kindly donated by the Institute of Geological Sciences, England). Discussions are being carried out on possible future association and contributions of the Group to the J.O.I.D.E.S. Project.

An International Symposium will be held at the 4th Conference (Division V). Invited speakers include: K. NIKLAS (USA); H. SULLIVAN (CANADA); A. COMBAZ (FRANCE); J. GRAYSON (USA); P. VAN GLIZEL (NETHERLANDS); M. FISHER, S. SENGUPTA, & J. BROOKS, (UK). Further titles of short papers and for discussion topics for inclusion in the Symposium should be sent to the Convenor before 1 May 1976.

For further information please contact the Convenor or Secretary.

Convenor: Dr. J. Brooks, School of Chemistry, University of Bradford, BRADFORD, West Yorkshire BD7 1DP, England.

Secretary: Dr. S. Sengupta, Department of Geology, Royal School of Mines, Prince Consort Road, London SW7 2BP, England.

P3. Palynological Correlation close to the Jurassic/Cretaceous period boundary.

The second meeting of the group was held in Houston, Texas, on the evening of October 30th 1975 in conjunction with the Annual meeting of the A.A.S.P. It was attended by 21 persons. The Convenor presided, assisted by Mrs. Th. C. Masran, who acted as secretary. The next meeting of the group is planned for Halifax, Nova Scotia, in October 1976, but no formal plans have yet been made.

Plans for a Jurassic/Cretaceous boundary Symposium at the 4th Conference are well advanced, and it is also hoped to hold an informal meeting to expand the scope of the group from the North American-Western European bias it has at present, to a more representative international group. The Convenor is having great difficulty in obtaining contributions for the Symposium from the U.S.S.R. and Eastern Europe, and appeals to any workers who can help in this respect to contact him as soon as possible.

The Working Group sponsored a Jurassic/Cretaceous Symposium in connection with the first meeting in Calgary in 1974, and publication of a number of these papers is pending. All papers to be presented at the Lucknow (4th) Conference will be published.

Convenor: Dr. S.A.J. Pocock, Imperial Oil Limited, 339 50 Avenue South East, Calgary, Alberta, Canada T2G 2B5.

4. Constitution. The final draft of the Constitution has been circulated to National/Regional and Specialist Societies, in January 1976.

PLEASE RETURN THIS FORM BEFORE OCTOBER 1976 TO:-

The Secretary, P.A.D.S. 1978, Department of Geology
Queen's Building, University Walk
BRISTOL BS8 1TR, England