



MAY 1982

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CONTENTS

1. Future Meetings
 - A. Palynology at the North Atlantic Margins, Dublin, Ireland.
 - B. Petroleum Geochemistry and Exploration of Europe, Glasgow, UK
 - C. Xth International Congress of Carboniferous Stratigraphy and Geology, Madrid, Spain.
 - D. Vth International Palynological Conference, Calgary, Canada
 - E. Ist International Congress on Palaeoecology, Lyon, France.
2. Abstracts of papers presented at Petroleum Geochemistry meeting, London, April 1982.
3. New Publications
 - A. Systematics and Biostratigraphy of the Organic-walled Microphytoplankton from the Middle Devonian (Givetian) Silica Formation, Ohio, USA [A.A.S.P.]
 - B. Biostratigraphic Data for a Mid-Carboniferous Boundary [S.C.C.S.].
4. Reports on Recent Meetings and Activities
 - A. VIII Argentinian Geological Congress
 - B. II Latin American Palaeontological Congress
 - C. Asociacion Latinamericana de Paleobotanica y Palinologica (A.L.P.P.)
 - D. Palynological and Palaeobotanical Association of Australia (P.P.A.A.).
 - E. Association des Palynologues de Langue Francais (A.P.L.F.)
5. Obituaries
6. Request for Advice
7. Appendix to Directory of Members

1. FUTURE MEETINGS

- A) PALYNOLOGY AT THE NORTH ATLANTIC MARGINS
(A joint meeting of C.I.M.P. and A.A.S.P.)
Trinity College, Dublin, Ireland
September 13-18, 1982.

a) Introduction

The Local Organising Committee have issued the following progress report on the arrangements for this meeting.

"More than 100 people have now registered for this meeting and it is anticipated that at least 20-30 more will do so before September.

Hotel accommodation has been reserved in Dublin and for the excursions at prices only slightly higher than the estimates contained in the first circular (slightly lower than estimated in the case of double rooms). It is anticipated that the overall cost of the excursions, and of accommodation in Trinity College will be as estimated.

Forty-five papers have been offered for the meeting. Unfortunately, this large number of contributions will necessitate running two concurrent sessions on the second and third days of the meeting, but the programme promises to be varied and well-balanced. A poster session will be held on the final afternoon, following the A.A.S.P. Business Luncheon.

Evening receptions have been offered by both the Provost of Trinity College and the Department of Geology. It is hoped that a third reception may be given by the Geological Survey of Ireland. A conference dinner is being arranged for the Tuesday evening. This will be heavily subsidised by donations from industry, and we hope that all participants and accompanying members will attend. Arrangements for the A.A.S.P. Business Luncheon have not yet been finalised, but we foresee no problems concerning this event.

The final circular will be distributed in late May/early June to registered participants only, and will contain details of individual accommodation, excursions, and the programme. It will also include more general information such as details of registration, and of local transport etc. Abstracts of papers and excursion guidebooks will be available at registration."

If you have not yet registered but wish to do so you are encouraged to write immediately to Dr Geoffrey Clayton, Dept. of Geology, Trinity College, Dublin 2, Ireland. We are still available to accept registrations but we may find difficulty in securing hotel accommodation for you if you leave your decision too late. [Registration forms were included with the 1st and 2nd Circulars for the Meeting.]

b) Excursions

The Devonian/Carboniferous boundary excursion to the Cork-Kinsale area is now fully subscribed but a small number of places still exist on the excursion to selected Lower Palaeozoic exposures in the Wicklow and Wexford areas. Again if you are interested in booking a place on this excursion you are advised to act immediately.

c) Provisional Programme (*Invited Papers)

Monday, 13th, morning

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|-------------|--|
| *C. DEEGAN | Geological evolution of the North Atlantic. |
| D.G. SMITH | A Lower Norian palynological assemblage from ammonoid-bearing strata in Svalbard. |
| S. PIASECKI | Dinoflagellate cyst stratigraphy in Middle and Upper Jurassic sediments of East Greenland. |

Monday, 13th, morning (continued)

- B.G.T. VAN HELDEN Palynostratigraphy of the Hibernia Field, East Newfoundland Shelf, Canadian east coast offshore.
- L.A. RILEY Palynology, palynofacies and the "Base Cretaceous Unconformity" in the North Sea Area.

Afternoon

- P.A. HOCHULI Palynostratigraphy of the Lower Cretaceous of the Rif (Northern Morocco).
- E. MASURE and B. HASENBOEHLER LECOCQ La diversité des communautés de dinokyste albo-aptiens de la marge portugaise, site D.S.D.P. 398 leg 47 et Bassin Occidental Portugais, son utilisation paléocologique et paléogéographique.
- C. AZEMA, E. MASURE and J. TAUGOURDEAU-LANTZ La marge atlantique portugaise: Etude palynologique comparée du Bassin et de sa marge.
- D.J. NICHOLS Problems in correlation of Upper Cretaceous palynomorph zones of the North American Western Interior and Atlantic Margin.
- D.J. BATTEN Problems connected with accurate comparison of North American and European Normapolles pollen assemblages.
- R.A. FENSOME Dinoflagellate cysts from the Aptian-Cenomanian of the Scotian Shelf and their biostratigraphy.

Tuesday 14th, morning, Session A

- K.L. MARSHALL and D.J. BATTEN Palynology of late Cretaceous 'black shale' sequences in N.W. Europe.
- A. SKARBY T.E.M. investigations of Normapolles from anthers, Upper Cretaceous of Scania, Sweden.
- S. ODELSIO Clavatipollenites from the Upper Cretaceous of southern Sweden.
- L.I. COSTA Upper Cretaceous dinoflagellates from the North Sea and the Barents Sea.
- C. KRAMER Palynostratigraphy of the Upper Cretaceous - Paleogene Eureka Sound Formation, Arctic Canada.
- *G. NORRIS Arctic Tertiary marine and terrestrial palynofloras; problems of correlation to lower latitudes and palaeoclimatic interpretation.

Afternoon, Session A

- *J.P. BUJAK, E.H. DAVIES and G.L. WILLIAMS Evolution of Peridiniacean Dinoflagellates.
- S.B. MANUM and T. THRONDSSEN A palynological view of the problematic age of the Spitsbergen Tertiary.

Afternoon, Session A (continued)

- U. BIFFI and D. GRIGANI Stratigraphy of the Lemme Outcrop (North Italy); preliminary definition of the Oligocene/Miocene Boundary based on dinoflagellates.
- J.A. COETZEE Tertiary palynology of the eastern margin of the southernmost Atlantic.
- R.A. LASESKI Title unknown: Theme: 'Tertiary Palynology'.

Tuesday 14th, morning, Session B

- S.G. MOLYNEUX Initial results of palynological studies on the Lower Palaeozoic rocks of the Southern Uplands of Scotland.
- M. VANGUESTAINE Acritarch biostratigraphy of the Frasnian/Famennian Boundary in the type-area of the Dinant Basin and in the Namur Basin, Belgium.
- A. KIMYAI Devonian acritarchs from Bolivia, South America.
- L.R. WILSON Title unknown: Theme: "Palaeozoic continental activity and palynology associated with the land masses Laurasia and Bengalia".
- C.J. VAN DER ZWAN An attempt at palaeomagnetic validation of palynophytogeographic reconstructions of Laurasia in the Devonian and Carboniferous.
- P.M. VAN VEEM Paleo-environmental differentiation of (spore) floras during the late Devonian and early Carboniferous: Southern Ireland - a case history.
- P. PIERART Systematics of lageniculate megaspores.

Afternoon, Session B

- J.D. BURGESS Source rocks along continental margins.
- E.I. ROBBINS and A. TRAVERSE Processes of Natural Resource accumulation in ancient lake sediments in the Newark Rift System (Eastern North America).
- *H.J. SULLIVAN Landmarks in Paleozoic Palynology.
- P. STEERMANS Lower Devonian spore stratigraphy in Belgium.
- J.B. RICHARDSON and A. HASSAN The age and correlation of the Senni Beds (Lower Breconian) Brecon Beacons and Black Mountains (South Wales).

Wednesday 15th, morning, Session A

- W.A.S. SARJEANT Title unknown.
- P.J. MUDIE and C.E. KEEN Dinoflagellate records of Quaternary glacial-interglacial cycles in the Northwest Atlantic and Baffin Bay.
- F.J. RICH Paleoecology of an early Pleistocene swamp, Northern Florida, U.S.A.
- R.A. PENNEY A Holocene pollen record from the Highland Region of Southwestern Ontario, Canada.

Wednesday 15th, morning, Session A (continued)

- *P.C. REID North Atlantic dinoflagellate cysts from continuous plankton records and implications to the fossil record.
- R. HARLAND and J. SHARP Elongate Spiniferites cysts in North Atlantic bottom sediments.

Wednesday 15th, morning, Session B

- E. TURNAU Spore zonation of Middle Devonian deposits of Poland.
- S. LOBOZIAK, ~~and~~ ^{and A. A. A. A.} M. STREEL ~~and M. A. A. A.~~ Miospores from the 'Formation d'Hydregeant' (Upper Devonian, Boulonnais, France).
- D.C. MCGREGOR Biogeography of Upper Devonian spores.
- J. UTTING Lower Carboniferous miospores of Canada and a comparison with those from Western Europe.
- G.D. POWIS The definition and description of two late Carboniferous spore-pollen assemblage-zones from Australia.

B) British Isles Geological Congress, Glasgow, September 1982

"PETROLEUM GEOCHEMISTRY AND EXPLORATION OF EUROPE"

23rd and 24th September 1982 in the Boyd Orr Building, University of Glasgow, U.K.

a) PROGRAMME

Thursday 23 September - Morning Session

- D.P. MACKENZIE Basin Evolution and Hydrocarbon Generation (Cambridge)
- D.H. WELTE The Role of Geochemistry in Petroleum Exploration (KFA-Julich)
- A. MAKOURINE (USSR- ECE Commission-Geneva) Gas Exploration and Reserves in Europe
- P. BARNARD and B.S. COOPER (RRI) A Review of Geochemical Data related to the Southern North Sea Gas Province.

Afternoon Session

- J. GERVIRTZ and S. BLANCO Surface Geochemical Exploration in the North Sea (Tenneco-UK)
- E. FARBER and W. STAHL Isotope Geochemistry of Light Hydrocarbons from Shallow Sediments in the North Sea (Hanover)
- B. DURAND Oil Potential of Coals - A Geochemical Approach (IFP-France)

P.A. SCHENCK, J.W. de Pyrolysis GC-MS Studies of Coals and Coal Macerals
LEEuw, G. VAN GRAAS,
J. HAVERKAMP and
T.C. VIETS (Delft-
Netherlands)

M. SCHOELL Isotope Geochemistry of Natural Gases in Central Europe
(Hanover)

K. KUCKLEKORN, Geochemical Observation of Oil Generation in the German
H. WEHNER, Alps and their Foreland
H. JACOB and
H. HUFNAGEL
(Hanover)

D.C. MUDGE and Stratigraphy and Sedimentation of the Palaeocene Sands
G. BLISS in the North Sea
(BNOC-GLASGOW)

C.D. CURTIS Geochemistry Studies on Development and Destruction of
(Sheffield) Secondary Porosity"

H. IRWIN (Ellon) and Applications of Geochemistry to Sandstone Reservoir
A.R. HURST (Statoil- Studies
Norway)

P.B. HALL, H. SOLLI Analysis of Kimmeridge Shales and their Maturation
and M. BJØRØY Products
(IKU-Norway)

Evening Congress reception by City of Glasgow Corporation

Friday 24th September

Morning Session

G. CANDY Petroleum Exploration - On-Shore UK
(Shell-UK)

T. BRENNARD North Sea Petroleum Exploration
(Shell-UK)

H. RØNNEVIKAND and Exploration of the Norwegian Shelf
S. EGGEN
(Norwegian
Petroleum
Directorate)

D.G. ROBERTS Frontier Areas for Exploration - Western and NW Margins
(BP) of Europe

P. WALMSLEY (Dept of The Role of the Department of Energy in Petroleum
Energy-London) Exploration of the United Kingdom

M. BJØRØY and Source Rock Potential on the Norwegian Continental Shelf
P.B. HALL North of 62° N
(IKU-Norway)

C. CORNFORD, J. Some Geological Controls on Oil Composition in the North Sea
MORROW, A. TURRINGTON
and J. BROOKS
(BNOC-Glasgow)

Afternoon Session (continued)

R.H. REITSEMA
(Marathon-Denver)

Geochemical Studies of the Brae Area, North Sea

A. MACKENZIE (Julich), Stable Isotopes and Biological Markers of North Sea
M. COLEMAN (IGS), J. Crude Oils and Sedimentary Rocks
MAXWELL AND C.
DEEGAN (Bristol)

D. BATTEN
(Aberdeen)

Applications of Palynofacies to Petroleum Exploration

K.K. BISSADA and
M.J. COPE
(Texaco Ltd)

Petroleum Generation in Mesozoic Sediments of the Moray Firth Basin, North Sea

M.J. FISHER and
J.A. MILES
(BNOC-Glasgow)

Kerogen Types, Organic Maturation and Hydrocarbon Occurrences in the Moray Firth and South Viking Graben, North Sea

D. LEYTHAEUSER, R.G.
SCHAEFER, A.
MackENZIE, and J.
GORMLY (KFA-Julich)

Geochemical Migration Effects - Qualitative and Quantitative Aspects

J. BUI SKOOL TOXOPEUS
(Shell-Rijswijk)

Selection Criteria for the Use of Virtinite Reflectance as a Maturity Tool in Petroleum Exploration

A. BARWISE
(BP-Sunbury)

Porphyrins as Maturity Parameters for Crude Oils and Sediment Extracts

Evening

Congress reception in Hunterial Museum by University of Glasgow

b) Poster Session

will be arranged if required.

c) Publication

The Proceedings of the "Exploration of Europe" Conference will be published as a Geological Society-Special Publication (Blackwell Publications Ltd.).

d) Excursions

Sunday 26th September Excursions are being arranged
(details later)

e) Registration

for the congress (including this Conference) will be \$4.00 per day (Thursday-Saturday) or \$10.00 for the full three days.

Half price registration is available for full time students.

f) Accommodation

is available in single rooms at the University Halls of Residence

Bed and Breakfast	£8.50 per night
Dinner	£3.00 per day

Hotel accommodation is also available in Glasgow. Hotel bookings must be made by the participants and not through the Conference booking.

NOTE

The University is approximately 3 miles from the City.

- g) Organising Committee Jim Brooks (BNOC), Gordon Speers (BP), Chris Cornford (BNOC), Phil Park (BP), Brian Cooper (RRI) and David Batten (Aberdeen).
- h) Further Details from Dr Jim Brooks, The British National Oil Corporation, 150 St. Vincent Street, Glasgow, G 5LJ UK
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- c) Xth International Congress of Carboniferous Stratigraphy and Geology, Madrid, September 1983

If you have not already received a copy of the Second Circular for this meeting and wish to register you are advised to write as soon as possible to the Secretary General, X ICC, Instituto Geologico y Minero de Espana, c/Rios Rosas 23, MADRID 3, Spain.

- D) VI International Palynological Conference, Calgary 1984

The First Circular for this conference is now being circulated. If you have not yet received a copy you should write direct to Conference Coordinator, 6th International Palynological Conference, c/o Lois Kokoski, Conference Office, Faculty of Continuing Education, Education Tower, Room 102, University of Calgary, Calgary, Alberta, Canada.

The circular gives details of symposia planned, field excursions, accommodation and includes a call for papers. A Second Circular is planned for November 1982 but this will be distributed only to those who reply to the first circular.

- E) Ist International Congress on Palaeoecology, Lyon, France 18th-23rd July 1983

- a) Congress purpose

More than twenty years after the edition of R.F. HECKER'S treatise "Basos of Paleocology", it seems necessary to focus on results and methodologies used by paleoecologists. The purpose of paleoecology is the reconstruction of the life habits and environmental conditions of fossil organisms; this subject corresponds to a meeting place between different disciplines. The congress will be the best place for a multidisciplinary comparison for determining research orientations of the future.

- b) Scientific themes

Organisms as palaeoenvironmental indices
Communities as ecosystem indicators
Traces of biological activity
Palaeoecological methodologies
Taphonomy
Multidisciplinary synthesis of deposits
Palaeoecology and climatology
Palaeoecology and plate tectonics
Palaeoecology and biological evolution
Palaeoecology and applied geology

- c) Excursions

A series of twelve excursions to localities in France, Belgium, and West Germany are offered.

Further details may be obtained from Secretariat General, 1er Congres International de Paleocologie, Universite Claud Bernard, Department des Sciences de la Terre, 27-43 boulevard du 11 Novembre, 69622 VILLEURBANNE Cedex, France.

2) ABSTRACTS OF PAPERS PRESENTED AT PETROLEUM GEOCHEMISTRY GROUP MEETING

Held at Burlington House, Piccadilly, London W1 on 21st April 1982.

HYDROCARBON GENERATION AND MATURATION INDICATORS (Discussion Meeting)

"Specific Gravity as a Kerogen Type and Maturation Indicator" by R.R.F. Kinghorn and M. Rahman (Imperial College-London)

Specific Gravity ranges for kerogen components vary with maturation and give three bands depending upon kerogen type (Type I-III). Our separation procedure also allows the composition of the SOM to be assessed. With a knowledge of the level of maturity of each kerogen component and their possible convertibilities, an assessment of the hydrocarbon potential and amount of dead carbon can be obtained.

"The Use and Abuse of Vitrinite Reflectance as a Maturity Indicator" by S.P. Lowe and T. Doran (Palaeochem Ltd., Watford)

An essential part of hydrocarbon exploration is to determine the true thermal maturation level of sedimentary rocks. If the DOD trends are based on false premises, generation thresholds in terms of the predicted oil window must also be fallacious.

"The Analysis of C-H-O Data in Kerogen Studies using a Coefficient of Elimination" by J. Ferguson (Imperial College-London)

A coefficient of elimination derived from Information Theory is proposed. The coefficient expresses the mixing of the elements C, H and O in kerogen, based on chemical analyses. It is shown to have meaning in terms of the products of kerogen evolution, as well as the changes in the chemistry of the kerogen itself. It is proposed that this parameter, plotted against percentage hydrogen is a useful addition to the conventional van Krevelen diagram. Points representing the accepted stages of kerogen evolution are indicated, with reference to the chemistry of the processes involved and are shown to be similar to those determined from physical studies, in particular reflectivity.

"Palaeofacies Studies : Preparation and Observation of Kerogen Components" by B. Owens (IGS-Leeds)

Comparisons of detrital kerogen assessments as part of integrated Palaeofacies studies are frequently impeded by inconsistencies in preparation methods. The BMS "Kerogen Working Group" has recently initiated comparative studies to produce recommended standard procedures in preparations and observations.

"Transmitted Light Spectre of Spore Coloration Standards as a Maturation Indicator" by P.M.R. Smith (University of Newcastle)

Spore Coloration is an important parameter in determining the maturation of hydrocarbon source rocks. A comparison has been made of various spore coloration standards using a microprocessor aided microspectro-photometer.

Three sets of standards were employed - Staplin's, RRI and BP standard materials.

"Effects of Temperature and Pressure on Kerogen"
by J.M. Bather and A.A. Garforth (UMIST)

Elevated temperatures and pressure measurements have been made on three samples of buried organic matter, viz dry-hole kerogen, wet-hole kerogen and coal.

Comparison of the resulting complex mixture of chemicals will be reported and the implications of the results, in terms of maturation, will be discussed.

3) NEW PUBLICATIONS

A) AMERICAN ASSOCIATION OF STRATIGRAPHICAL PALYNOLOGISTS FOUNDATION

The American Association of Stratigraphic Palynologists announces the availability of AASP Contribution No. 8, "Systematics and Biostratigraphy of the Organic-walled Microphytoplankton from the Middle Devonian (Givetian) Silica Formation, Ohio, U.S.A." by Reed Wicander and Gordon D. Wood. The publication contains 137 pages including 56 pages of systematic descriptions, 21 pages of references, 17 photographic plates and four text figures.

The abstract of this publication states:

"Samples from twenty-nine beds of the Middle Devonian Silica Formation yielded a diverse and well preserved organic-walled microphytoplankton flora. This assemblage consists of sixty-one species, eighteen of which are new. The new species include Cymatiosphaera acrochorda, Cymatiosphaera appendiculum, Estiastra rhytidio, Exochoderma arca, Exochoderma triangulata, Gorgoniosphaeridium inflatum, Hapsidopalla chela, Hapsidopalla invenusta, Leiofusa pyrens, Lophosphaeridium ochthos, Muraticavea munificus, Polyedryxium ambitum, Oppilatala sparsa and Uncinisphaera acantha. The genus Hapsidopalla is emended and two new combinations, Navifusa eisenacki and Navifusa minuta are made.

"The distribution of organic-walled microphytoplankton within the section examined varies considerably. The lowest beds of the Silica Formation mainly massive bioclastic limestones had, quantitatively and qualitatively, the least diverse flora. The middle beds consisting mainly of calcareous shales and very argillaceous limestones, contained the most taxonomically diverse and quantitatively abundant assemblage. The flora from the upper beds, which are predominantly argillaceous limestones, was more diverse than that from the lower beds but less than that from the middle beds. The possible factors influencing the distribution of microphytoplankton are discussed.

"The organic-walled microphytoplankton from the Silica Formation is most similar to those assemblages reported from the Middle Devonian (Givetian) of Canada, but common elements also occur in Africa, Europe, and South America. Close comparison of published data indicates some apparent endemism in Middle Devonian organic-walled microplankton floras."

Costs associated with publishing this volume has been partially offset by contributions to the AASP Foundation through the Century Club. A charge of \$8.00 has been set for Contribution Series No. 8. To order, complete the enclosed form, make your check payable to AASP Foundation, and mail to Robert T. Clarke, Treasurer, AASP Foundation, Mobil Research and Development Corporation, Field Research Laboratory, PO Box 900, Dallas, Texas 75221.

B) SUBCOMMISSION ON CARBONIFEROUS STRATIGRAPHY

PRELIMINARY ANNOUNCEMENT

The Subcommittee on Carboniferous Stratigraphy will publish in early June 1982 a book entitled "Biostratigraphic Data For a Mid-Carboniferous Boundary" (Edited by W.H.C. Ramsbottom, W.B. Saunders and B. Owens). This volume contains 24 papers which were presented at the Subcommittee's meeting held in Leeds in August 1981. Only a limited number of copies (about 250) will be printed and if you are interested you are advised to order your copy as soon as possible.

The following papers are included in this volume:-

SAUNDERS, W.B. and RAMSBOTTOM, W.H.C.

Mid-Carboniferous biostratigraphy and boundary choices

LANE, H.R. and BAESMANN, J.F.

A Mid-Carboniferous boundary based on conodonts and revised intercontinental correlations

HIGGINS, A.C.

A Mid-Carboniferous boundary in the Western Europe conodont sequence

NEMIROVSKAYA, T.I.

Conodonts near the boundary between Lower and Middle Carboniferous of Donetz Basin

WEYANT, M.

A proposal for a major boundary in the Carboniferous system based upon conodont evidence from the Bechar Basin (Algeria)

OWENS, B.

Palynological zonation of mid-Namurian strata in northern England

KOSANKE, R.M.

Mississippian-Pennsylvanian boundary in the United States based on palynomorphs

TETERIUK, V.K.

On the Carboniferous Bashkirian-Moscovian boundary of the East European Platform

BRENCKLE, P., GROVES, J.R. and SKIPP, B.

A Mississippian-Pennsylvanian (Mid-Carboniferous) boundary in North America based on calcareous foraminifera

MAMET, B.

A report on algal microfacies at the Mississippian-Pennsylvanian boundary, North America

WINKLER PRINS, C.F.

Brachiopods and the Lower-Middle Carboniferous (Mississippian-Pennsylvanian) boundary

GORDON, M., Jr., HENRY, T.W. and SUTHERLAND, P.K.

Brachiopod zones delimiting the Mississippian-Pennsylvanian boundary in the United States

LEGRAND-BLAIN, M.

Brachiopod (Productid-Spiriferid) distribution in the Algerian Sahara near the Mid-Carboniferous boundary

LAZAREV, S.S. and POLETAEV, V.I.

The development of the brachiopod mantle canal system at the Early-Middle Carboniferous boundary

MANGER, W.L. and SAUNDERS, W.B.

An ammonoid based Middle Carboniferous boundary

BOGOSLOVSKAYA, M.F.

Development of ammonoids in the Namurian-Kayalian

RAMSBOTTOM, W.H.C.

The causes of faunal change in the Mid-Carboniferous

HAVLENA, V.

The Namurian of Upper Silesia: floral breaks, lithological variations and the Mid-Carboniferous boundary problem

WAGNER, R.H.

Floral changes near the Mississippian-Pennsylvanian boundary; an appraisal

PFEFFERKORN, H.W. and GILLESPIE, W.H.

Plant megafossils near the Mississippian-Pennsylvanian boundary in the Pennsylvanian system stratotype, West Virginia/Virginia.

SEMENOFF-TIAN-CHANSKY, P. and SUTHERLAND, P.K.

Coral distribution near the Middle Carboniferous boundary

BROADHEAD, T.W.

Mid-Carboniferous boundaries suggested by crinoids

SERGEIEVA, M.T.

The position of the Lower-Middle Carboniferous boundary in the Donetz Basin according to the Bivalvia

EINOR, O. and RUMYANTZEVA, Z.

Comments on the choice of a Mid-Carboniferous boundary

If you are interested in ordering a copy of this volume you may do so by writing to Dr B. Owens, Institute of Geological Sciences, Ring Road Halton, Leeds LS15 8TQ. The cost will be £5 (including postage). Your order should be accompanied by a cheque made payable to "Subcommission on Carboniferous Stratigraphy".

4) REPORTS ON RECENT MEETINGS AND ACTIVITIES

A) VIII Argentinian Geological Congress

Held in San Luis city, September 20-26, 1981. Published, so far, vols. II, III, IV and a Relatory of the San Luis Geology. Vol. IV presents a few papers on Palaeontology, some devoted to Palaeozoic palynology: C. Azcuy and G. Laffitte "Palynology of the NW basin in Argentina. I. Character of Carboniferous assemblages; problems and interpretations". - In the Relatory C. Azcuy contributed the palynological part of the late Palaeozoic Chapter, with plates of main palynomorphs found in the classical Bajo de Veliz Formation. During the Congress, a plenary meeting of the 42 Proj. of IGCP (Upper Palaeozoic of South America) was held under the presidency of its leader, A. Rocha Campos. C. Azcuy presented a summary of the Palynobiostatigraphy of the Upper Palaeozoic in Argentina and neighbouring countries. Also. D. Sundaram, de Lima and M.E. Oliveira made a

"Review of palynological studies of upper Paleozoic sediments of Brazil". Abstracts of all papers are obtainable from your correspondent, upon request. There are few copies left.

B) II Latinamerican Palaeontological Congress

Held in Porto Alegre, Brazil, on April 26-30, 1981. Published two volumes before the meeting. It includes the following palynological contribution: D. Sundaram and R.G. de Carvalho, Palynological observations on Devonian sediments from Parana Basin, Brazil; J.C. Gamero and S. Archangelsky, Hallazgo de palinomorfos permicos en sedimentitas de la Formacion Piedra Shotel, Estancia La Casilda, y en la perforacion Canadon Pastos Blancos (YPF Ch. CPB es-1), Chubut, Argentina. M. Marques Toigo, M.E. Dias-Fabricio and A.E.M. Piccoli, "Presence of early Permian marine fossils in Gravatai, Brazil, Parana Basin". A.C. Rocha Campos and D. Sundaram "Geological and palynological observations on Late Palaeozoic varvites from the Itarare Subgroup, Parana Basin, Brazil".

Contributions to the II Meeting of Palaeobotany and Palynology, Sao Paulo, 1978. A volume containing 19 papers presented to the meeting, published by the Geosciences Institute of Sao Paula Univ. (as vol. II, p. 31-189, 1980). To those interested, contact O. Rosler, Dep. Paleontologia e Estratigrafia, IGC, USP, Sao Paulo, Brazil.

III Argentinian Congress on Paleontology and Biostratigraphy. To be held in Corrientes, September 6-10, 1982. For information, address is Maipu 645, 1st, 1006, Buenos Aires, Argentina.

C) ASOCIACION LATINAMERICANA DE PALEOBOTANICA Y PALINOLOGIA (ALPP) Bulletin number 7 has recently been published, as have three issues of the information circular. The last of these gives details of the December 1981 meeting of the ALPP. Write to the secretary of ALPP: T.S. Melhem, Instituto de Botanica, Cx. Postal 4005, CEP 01000, Sao Paulo, Brazil.

D) PALYNOLOGICAL & PALAEOBOTANICAL ASSOCIATION OF AUSTRALIA (PPAA)

The third newsletter was distributed in July 1981 and contains an item on the need for a pollen flora of Australia. The secretary is John Rigby, Geological Survey of Queensland, PO Box 194, Brisbane, Queensland 4001, Australia.

E) ASSOCIATION DES PALYNOLOGUES DE LANGUE FRANCAIS (APLF)

Preliminary notice has been made of the next APLF Symposium which will take place in October 1983 in Paris. The theme for the meeting will be "Palynology as a tool for correlation between the continental and marine domains".

5) OBITUARIES

A) Ahmet Can Ibrahim (Okay) (1900-1981)

Professor A.C. Ibrahim (Okay) was a well-known figure in the world of stratigraphic palynology.

He was born in Tashkant, Turkistan in 1900. After accomplishing his primary

education in Tashkent, he undertook his further studies in the Faculty of Mining of the Berlin Technical University, and then under the supervision of R. Potonie at the Geologische Landesanstalt in Berlin.

Professor Ibrahim (Okay) named 17 new genera and 67 new species in two of his publications during 1932-1933. In his study "Sporenformen des Aegirhorizonts des Ruhr-reviers", he modified the previous systems developed by Reinsch (1881), Bennie and Kidston (1886) and Potonie (1893), by adding two new form-genera: Aletes Ibrahim 1933 and Monoletes Ibrahim 1933. His original ideas of the artificial classification of fossil spores were later formally proposed by Potonie, as the "Turma" system, in 1952.

Professor Ibrahim (Okay) began his career at the University of Istanbul, where he lectured on many subjects of geological sciences. He was the head of the Department of Geology (1950-1962) and Chief of the Mineralogy and Petrology Section (1962-1973). After having retired from the university in 1973, he continued his activities within the Turkish Committee for Palynology, where he was a founder Member.

His absence will strongly be felt by the scientific circle, especially by T.C.P. in Turkey.

Volkan S. Ediger

B) Samime Artuz (1925-1982)

Professor Samime Artuz was born in Istanbul, Turkey, in 1925. After taking her B.Sc in geology and zoology from the University of Istanbul in 1950 she undertook her research in the field of palynology under the supervision of the late A. Ibrahim (Okay) at the same university. She made valuable contributions to the palynological studies of the Carboniferous Zonguldak Coal Basin of north-western Turkey. After having completed her research for the Ph.D., she became a lecturer at the Geological Department of the University of Istanbul where she lectured on coal geology and petrology for many years. She was lately the professor of palynology and mineralogy in the Faculty of Sciences of the University of Istanbul.

Professor Artuz was a visiting scientist to some prominent scientific establishments around the world, such as the Geology Department of Cambridge University, National Coal Board Laboratories in Sheffield, U.K., Coal Petrography Laboratory in Essen, West Germany, University of Cincinnati and Pennsylvania State University, U.S.A. She was also given the "Best Scientific Study Award" in Turkey in 1961 and "Nato-Minna-James-Heinman Stiftung Award" in U.S.A. in 1979.

The members of T.C.P. will never forget the valuable contributions made by Professor Artuz.

Volkan S. Ediger

C) Prof. Alfred Eisenack (1891-1982)

As this newsletter was being compiled we were saddened to learn of the death of Professor Eisenack on the 19th April 1982. It is hoped to include a more formal tribute in the next Newsletter.

6) REQUEST FOR ADVICE

Glycerine jelly preparations

Recently the Palaeontology Department, British Museum (Natural History) has

been given a large collection of glycerine jelly preparations which have completely dried out. The slides were made 20 to 25 years ago. Does anyone have a technique for resuscitating such mounts? We have tried warming one of the slides in distilled water at 50°C for several weeks but the jelly remains rigid. If anyone has successfully re-prepared similar mounts would they please write and let me have details of their technique(s).

Dr John B. Richardson
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Obituary

Sijbren JAN DIJKSTRA died on April 28, 1982. The Dr. S.J. Dijkstra was a Botanist and Paleobotanist. Follower of Prof. JONGMANS, S.J. Dijkstra started, during the war, the study of the carboniferous megaspores from different bassins and especially from the Dutch one.

In 1946, Dijkstra published an important work (Eine monographische Bearbeitung der karbonischen Megasporen) about the megaspores of carboniferous megaspores from the paralic bassins of Europe with very good microphotos.

The work of S.J. Dijkstra is a very comprehensive one since it describes the carboniferous and Gondwana megaspores from Spain, Egypt, Turkey, Brazil, Belgium, Chad, South Africa and Australia. He also studied cretaceous megaspores from Holland and Belgium. His contribution to the Fossilium Catalogus was very important. In addition, S.J. Dijkstra was interested in the floristic of Phanerogams from Holland. The megaspores group of the CIMP presents its sincere sympathy to the family of Dr S.J. Dijkstra and to the staff of the "Geologisch Bureau of Heerlen".

S.J. Dijkstra was a very appreciated man in palynological circles and a true friend for many of them.

Prof. P. PIERART

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