

NEWSLETTER

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

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Richard W. Hedlund, Editor
Robert T. Clarke, Asst. Editor

Eloy Salas, Correspondent
D. Colin McGregor, Correspondent

THIRD ANNUAL MEETING, TORONTO - 1970

Geoffrey Norris, program chairman, informs us that the Third Annual Meeting will be held in the Park Plaza Hotel, Toronto, Canada, on October 15, and 16. The meeting will be preceded on October 14 by a Scanning Electron Microscope Workshop and will be followed on October 17 by field excursions. Local arrangements are being made by M. S. Barss, J. H. McAndrews, D. C. McGregor, G. Norris, Mrs. B. Awai-Thorne, and A. Traverse. Field trips are being arranged by J. Terasmae and F. W. Beales.

Technical Sessions will be held in the King Cole Room of the Park Plaza. Four half-day sessions are planned for Thursday, Oct. 15 and Friday, Oct. 16. Depending on the response of Members, symposia on various themes will be held. Contributed papers will be solicited in the near future.

The Annual Business Meeting of the Association is planned for Thursday afternoon, immediately following a "mixer" and luncheon to be held in the Plaza Room. Executive Committee Meetings are also being included in the program. An evening "Smoker" is being planned.

A pre-conference Workshop on scanning electron microscopy will be held on Wednesday, October 15, and will probably last all day. Three Cambridge Steroscan SE microscopes will be made available and a remote 16-inch TV monitor will be installed on one of these microscopes for illustration purposes. In addition, scan-rotation and Y-modulation will be demonstrated if the equipment is available by the time of the conference. The Workshop will be a practically oriented session in which a half-day will be spent on basic operations, techniques, and interpretation. The afternoon session will include first-hand operation of the instruments by the Workshop participants. Participants may bring their own material for examination. Ample vacuum-coating equipment and personnel will be available for preparation of the material the night before or during the morning session. Registration for this Workshop will be limited to 30-35 registrants.

Two field trips will be held concurrently on Saturday, October 17. One trip will be led by Dr. F. W. Beales (Dept. of Geology, University of Toronto) to study facies changes in the Silurian of the Niagara escarpment. The

second trip is being organized by Dr. J. Terasmae (Brock University, St. Catharines) to study interglacial and post-glacial deposits in the Toronto region. Both trips will last all day. The organizers will prepare field guides to the areas visited.

Toronto, the site of our Third Annual Meeting, is a city of about two million people with a cosmopolitan atmosphere enhanced by many immigrants from different parts of Europe. The Park Plaza Hotel, with a capacity of about 300 rooms, is situated immediately adjacent to the Royal Ontario Museum and on the north side of the University of Toronto campus (student enrollment about 23,000). This district is sometimes referred to as "midtown", being about 1/2 mile north of "downtown" Toronto. Many restaurants, shops, bars, etc. are located adjacent to the Park Plaza Hotel and in the boutique-café-hippie area of Yorkville a couple of minute's walk from the hotel.

The Park Plaza Hotel has been block-booked for 100 rooms. The rooms are \$20 single or \$12.50 each person sharing a double. The King Cole Room for the technical sessions seats up to 200 people. Lantern slide, 35 mm. and overhead projectors, screens, neck microphones, etc. will be available for the sessions.

Make plans NOW to attend the Third Annual Meeting of the American Association of Stratigraphic Palynologists. If you have a paper you would like to present, contact D. Colin McGregor, A.A.S.P. Program Committee, at the following address:

Geological Survey of Canada
601 Booth St.
Ottawa, Ontario, Canada

Let's make our 1970 meeting a great success!

PUBLICATIONS AVAILABLE

This is a reminder that the following publications are still available for distribution:

1. AASP Membership Directory - 1968
2. AASP Membership Directory - 1969
3. Program, Second Annual Meeting - 1969
4. Abstracts of papers, Second Annual Meeting - 1969
5. Registration list, Second Annual Meeting - 1969
6. 1968 Field Trip Guidebook
7. 1969 Field Trip Guidebook

Consult the A.A.S.P. Newsletter, vol. 3, no. 1 for details.

AASP PROCEEDINGS, VOLUME I

Eight papers are being published in their entirety in Volume I of the A.A.S.P. Proceedings. Bob Perkins, editor of the L.S.U. Geoscience Series has informed us that all of the outside reviews of manuscripts have been received and reviewed by his staff. The combined reviews are being sent to your Editor and Assistant Editor for final editing. Bids have been sent out for publication costs of the volume, and type-setting should be completed in the near future. A publication date is now estimated for September, 1970.

AASP PROCEEDINGS, VOLUME II

Ten papers will be published in their entirety in Volume II of the A.A.S.P. Proceedings. It is planned to publish this volume as a part of the L.S.U. Geoscience Series. Completed manuscripts are still being received. Papers not published in their entirety will be included in abstract form in Volume II.

NEW AASP PUBLICATION

A new series of publications will be issued by the Association for distribution to the Membership. The publication will be called the "A.A.S.P. Contributions Series" and will include occasional contributions by the Membership. Watch the Newsletter for further information.

MEMBERSHIP

AASP membership at the mailing time of this number of the Newsletter is 262. This number includes 256 Members and 6 Institutional Members. Pass on the application-for-membership form on the last page to a colleague and ask him to join our Association. The completed form, including \$5.00 (\$25.00 for Institutional Members), should be mailed to:

Alfred Traverse
Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

CHANGES OF ADDRESS

The Editor has been notified of the following changes of address since the publication of the 1969 Membership Directory:

CASSITY, PAUL E., Texas Gulf Sulphur, Carlsbad, New Mexico 88220
DUNAY, ROBERT E., Department of Earth Science, State University College,
Geneseo, New York 14454
NICHOLS, DOUGLAS J., Department of Geology, Arizona State University, Tempe,
Arizona 85281
LAMMONS, JAMES M., Texaco Petroleum Company, Apartado 1006, Quito, Ecuador

CONSTITUTION COMMITTEE

Paul W. Nygreen, Chairman of the Constitution Committee, has submitted a draft of a possible revision of the Association Constitution to the Executive Committee. This draft incorporates most of the suggestions of the members of the Constitution Committee. The Executive Committee will read the draft and make any suggestions deemed necessary to maintain a simple, workable document to guide the A.A.S.P. within the direction of the Association's progress. Members of the Constitution Committee include: Paul W. Nygreen (Chairman), Geoffrey Norris and Alan B. Shaw.

EXECUTIVE COMMITTEE MEETING

The mid-year meeting of the A.A.S.P. Executive Committee was convened in Chicago, March 14-15, 1970. All members of the Executive Committee for 1969-1970 were present. Reports were read and discussed from all A.A.S.P. Committees. Other business included discussions concerning the Third Annual Meeting and publications to be issued by the Association. The next meeting of the Executive Committee will be held in conjunction with the Annual Meeting in Toronto. Members of the A.A.S.P. are encouraged to inform the Executive Committee of any items of general interest to the Association which should be considered by the Committee.

SYMPOSIUM ON DATA BANKS IN PALYNOLOGY

A symposium on palynologic computer research projects was held on February 23-24 in Tucson, Arizona. Reports were read by representatives of the J.C.P.I., Kremp Palynologic Computer Research Project, Pennsylvania State Palynological Data Bank, Oklahoma GIPSY Program, and the I.B.M. Corporation.

BOTANICAL SOCIETY MEETING

John Hall, Secretary of the Paleobotanical Section, Botanical Society of America, reports that this year's meeting in Bloomington, Indiana will include a field trip of interest to palynologists. The field trip on August 21-23, 1970, being organized by David Dilcher, will travel to some classical Middle Eocene collecting sites of the Mississippi Embayment in Kentucky and Tennessee. Time will be allowed at each stop to collect fossil leaves, fruits, and seeds, as well as palynologic samples.

For further information, write to either:

John W. Hall
Department of Botany
University of Minnesota
Minneapolis, Minnesota 55455

or

David Dilcher
Department of Botany
University of Indiana
Bloomington, Indiana 47401

SYMPOSIUM ON SILICEOUS MICROFOSSILS

The Symposium on Siliceous Microfossils is being organized as a part of the II Planktonic Conference in Rome, Italy, September 29 through October 7, 1970. Eugene J. Tynan and Walter W. Wornardt are responsible for organizing this symposium and have extended the format to include all groups of siliceous microfossils.

Anyone interested in participating in this Symposium should contact:

Eugene J. Tynan
Department of Geology
University of Rhode Island
Kingston, Rhode Island 02881

or

Walter W. Wornardt
Union Oil Co. of California
P.O. Box 76
Brea, California 92660

ARCTIC GEOLOGY SYMPOSIUM

The Second International Symposium on Arctic Geology will be held at the San Francisco Hilton, San Francisco, California, February 1-4, 1971. This symposium, sponsored by the A.A.P.G., is an international meeting on the geology of the Arctic. One session is being planned on Biostratigraphy and papers are being solicited. For further details, please contact:

Robert L. Tabbert, Chairman
Biostratigraphy Session I.S.A.G.
Atlantic Richfield Company
P.O. Box 2819
Dallas, Texas 75221

NOVOSIBIRSK, 1971

Jim Schoenwetter reports that he is examining the possibilities of arranging a group flight to Novosibirsk in 1971 through Japan Air Lines. This is not an officially sponsored A.A.S.P. activity, and the Association does not intend to organize such a group flight. If you would be interested in Jim's proposal, contact him at:

Department of Anthropology
Arizona State University
Tempe, Arizona 85281

CARBONIFEROUS CONGRESS

The Seventh International Congress on Carboniferous Stratigraphy and Geology will be held from August 23-28, 1971 in Krefeld, Germany. The Geologische Landesamt Nordrhein-Westfalen is charged with the organization of the Congress. Committee meetings of the I.C.C.P., C.I.M.P., and S.C.C.S. will take place in Krefeld during the week preceding the Congress. For further information, write to:

K. H. Josten-Generalsekretar 7. IKK
Geologisches Landesamt NW
D 415 Krefeld, de Greiff Str. 195
Postfach 1080
Bundesrepublik Deutschland

PALYNOLOGICAL PREPARATIONS AVAILABLE

The U.S. Geological Survey, with support from the Office of Naval Petroleum and Oil Shale Reserves, has processed core samples from the following wells in the Naval Petroleum Reserve No. 4 for palynology. (The U.S.G.S. Professional Paper 303 series contains geologic reports of the wells).

Arcon Barrow Core Test No. 1
Avak Test Well No. 1
East Oumalik Test Well No. 1
East Topagoruk Test Well No. 1
Fish Creek Test Well No. 1
Grandstand Test Well No. 1
Gubik Test Wells Nos. 1, 2
Kaolak Test Well No. 1
Knifeblade Test Wells Nos. 1, 2, 2A
Meade Test Well No. 1

North Simpson Test Well No. 1
Oumalik Test Well No. 1
Sentinel Hill Core Test No. 1
Simpson Core Tests 13, 14, 21, 25, 27, 30, 30A
Simpson Test Well No. 1
Skull Cliff Core Test No. 1
South Barrow Test Wells Nos. 1, 2, 3, 4
Square Lake Test Well No. 1
Titaluk Test Well No. 1
Topagoruk Test Well No. 1
Umiat Test Wells Nos. 1, 2, 3, 8, 9, 11
Wolf Creek Test Wells Nos. 1, 2, 3

Set of slides from these wells may be borrowed for examination for a period of six weeks by writing to Mrs. Mary Bushong, Paleontology and Stratigraphy Branch, U.S. Geological Survey, Denver Federal Center, Denver, Colorado, 80225.

TRANSLATIONS OF RUSSIAN PALYNOLOGIC PAPERS

D. Colin McGregor informs us that the following additional Russian articles have been translated and are available from the B.S.C. Library, Ottawa, Canada. Previous titles of translations have been listed in past Newsletters. The cost is 12 cents per page of translation.

BRATTSEVA, B.M., 1965

Pollen and spores of the Maestrichtian deposits of the Far East. Trudy, Acad. Sci. U.S.S.R., Geol. Inst., No. 129.

ANANIEV, A.R. and STEPANOV, S.A., 1968

Finds of sporogenous organs of Psilophyton princeps Dawson emend. Halle in the Lower Devonian of the South-Minusinsk Basin (western Siberia). Proc., Tomsk State Univ., Geol. Series vol. 202, pp. 30-46.

NADLER, Yu. S., 1967

Spore assemblages of the Devonian of the western part of the Sayan-Altai Mountain region. Siberian Div., Acad. Sci. U.S.S.R., Stratig. of Paleozoic of Mid. Siberia, Novosibirsk, pp. 139-140.

RASKATOVA, L.G. 1966

Spore-pollen assemblages of the Rudkinskii Horizon of the Frasnian Stage in the southeastern part of the Central Devonian Field. Proc. 3rd conf. on Probl. Studying Voronezh. Anticline, Voronezh State Univ., pp. 294-297.

SHEPELEVA, E.D., 1963

Spores from the Lower Devonian beds of the Podolian Dniester River area. Data on Regional Stratig. U.S.S.R., Moscow, pp. 98-101.

SOROKINA, N.L., 1968

Miospore assemblages of Devonian and Lower Tournaisian deposits of the southeast of the Dnieper-Donets depression. Geol. Journal, vol. 28, no. 4, pp. 57-64.

TIMOFEEV, B.V., 1960

Precambrian spores. Int. Geol. Cong., 21st Sess., Rept. Soviet Geol., Problem 9, pp. 138-146.

ZHIZHCENKO, V.P. 1968

Micropaleontological methods of stratigraphical formulation in oil- and gas-bearing regions: Part I (pp. 1-26), General Questions: (pp. 106-135), Spores and Pollen. Part II (pp. 136-183), Significance of Micropaleontological Research for Stratigraphical Formulation. Part III (pp. 242-252), Spores; (pp. 270-271), Bibliography, captions to plates XXIV-XXVIII.

PERSONALIA

The information contained in this portion of the Newsletter was provided by our two correspondents, Eloy Salas and D. Colin McGregor. Not all of the palynologists mentioned here are Members of the A.A.S.P., but the information should be of interest to many of us.

ARGENTINA

Museo Argentino de Ciencias Naturales "Bernardo Rivadavia", Buenos Aires

Martha A.C. de Filice: specializes in actuopalynology.

Ana María Heisecke: studying Cretaceous and Tertiary microplankton.

Carlos Menendez: working mostly with Carboniferous and Permian microfloras, although he has extended his field of interest to the microflora (including microplankton) of other ages.

Wolfgang Volkheimer: studying the Jurassic palynology of Neuquen.

Museo de la Plata, Prov. de Buenos Aires

Sergio Archangelsky: continuing his research on Tertiary and Cretaceous palynology.

Juan Carlos Gamarro: working primarily on Cretaceous and Recent palynology.

Facultad de Ciencias Exactas y Naturales, Buenos Aires

Carlos L. Azcuy: specializes in Carboniferous palynology.

Dirección Nacional de Geología y Minería, Buenos Aires

Elba D. Pothe de Baldis: working on Devonian and Tertiary microplankton.

MEXICO

Escuela Nacional de Ciencias Biológicas del I.P.N., Botany Department

Rudolf Palacios-Chavez: working on the morphology of modern pollen grains of Mexican Leguminosae. He has completed the Caesalpinioideae and is now working on the Mimosaceae. He is also studying the modern pollen rain in two places from the Valle de Mexico, one in the Abies forest and the other in the Quercus forest.

National Institute of Anthropology and History (I.N.A.H.), Prehistory Department

Lauro Gonzales: working on the pollen grains and spores from Upper Pleistocene deposits in the Valle de Mexico. Carbon-14 dating shows that the age of the samples includes the entire Wisconsin stage.

Rodrigo Montane: working on his professional thesis under the direction of Lauro Gonzales. His subject is the morphology of pollen grains of Mexican Bombacaceae.

Instituto Mexicano del Petroleo

Jaime Rueda-Gaxiola: studying the palynology of Mesozoic sediments from the Mexican Central Gulf Coast region.

Eloy Salas: studying the palynology of subsurface Miocene sediments from the Gulf Coast as part of a major project intended to zone the Oligo-Miocene.

National Autonomous University of Mexico

Miss Ana Lilia Correa: working on her professional thesis on the morphology of pollen grains from the Tuxtlas region, Veracruz. Her thesis director is J. Rueda-Gaxiola.

Enrique Martinez-Hernandez: recently completed his professional thesis on the palynology of dominant species around Laguna Madre, Tamaulipas. He is now studying at the University of Dallas.

CANADA

University of British Columbia

Satish K. Srivastava: continuing his detailed morphologic studies of spores and pollen grains from the Maestrichtian of Canada.

Canadian Geological Survey, Ottawa

D. Colin McGregor: continuing his biostratigraphic studies on the Silurian and Devonian of northern Canada.

Muskeg Research Institute, University of New Brunswick

John R. Radforth: reports that "the Muskeg Research Institute is carrying out an inventory of muskeg in the Province of New Brunswick. A related aspect of this work is a quaternary palynological study being conducted by Mrs. Maya-Leena Korpijaak. In this study, emphasis is being placed on using pollen analysis as a tool in determining the developmental history of peat deposits.

Imperial Oil Co., Ltd., Calgary

Jan Jansonius: working primarily with scolecodonts and chitinozoans. He would welcome the exchange of Lower Ordovician Tremadocian materials for comparative studies.

University of Waterloo, Ontario

Thane Anderson: reports that he is completing a palynological-plant macrofossil-radiocarbon study of Pleistocene sediments in southern Ontario.

University of Toronto

J. H. McAndrews: reports that he and Geoffrey Norris recently made a film on Pleistocene palynology in the Great Lakes region for Canadian Educational Television. This film was broadcasted in mid-February to High Schools in Ontario.

REMEMBER, SEND ANY NEWS-WORTHY ITEMS TO
YOUR EDITOR FOR INCLUSION IN THE NEWSLETTER

APPLICATION-FOR-MEMBERSHIP FORM

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

Prof. Dr. Mr. Miss Mrs. (Please strike out ones which do not apply.)

Name _____ Date _____

Address _____

_____ Zip _____

Professional affiliation: for whom _____

Nature of work (graduate student, exploration stratigrapher, etc.)

Signatures of sponsors 1) _____

(Must be members in good
standing of AASP)

2) _____

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Purpose of AASP (adopted 8 December, 1967): "... to promote the science of palynology, especially as it relates to stratigraphic applications and biostratigraphy; to foster the spirit of scientific research among the members; to disseminate information relating to palynology."

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Please Note: Application must be accompanied by \$5.00 (USA) in order for the Executive Committee to elect applicants to membership.