

NEWS LETTER

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

Volume 4

December, 1970

Number 1

Richard W. Hedlund, Editor
Charles F. Upshaw, Asst. Editor

Eloy Salas, Correspondent
D. Colin McGregor, Correspondent

Third Annual Meeting, Toronto - 1970

The successful Third Annual Meeting of the A.A.S.P. was held at the Park Plaza Hotel, Toronto, on October 14-17, 1970. A total of 105 registrants from Canada, the United States, and England attended the technical program, which included more than 30 excellent papers. Two special interest sessions were "Paleobotany of the Arctic" and "Microplankton". Contributed papers spanned the geologic column from Precambrian to Recent and included biostratigraphic, paleoecologic, and morphologic studies of spores, pollen, microplankton, and other palynomorphs. The technical sessions were hosted graciously by Geoffrey Norris and his able Committee.

A highly informative, pre-convention workshop on Scanning Electron Microscopy was held on October 14. The morning session was devoted to short papers and discussions on SEM techniques as applied to spores, pollen, seeds, dinoflagellate cysts, and nannoplankton. During the afternoon session, the participants had the opportunity to learn first-hand about these techniques using three Cambridge Stereoscan SE microscopes.

The first day of the Annual Meeting was opened by welcoming addresses from the hosts and a response and welcome to the members by A.A.S.P. President George Fournier. D. Colin McGregor presided over the morning session. A "mixer" and a luncheon were held in the Park Plaza Hotel, followed by the Annual Business Meeting of the A.A.S.P. Committee Reports were presented to the assembled membership, followed by discussions from the floor. Following the business meeting, the afternoon technical session, entitled "Paleobotany of the Arctic", was presided over by Richard W. Hedlund.

The technical session, entitled "Microplankton", Alfred Traverse presiding, began the second day of the Annual Meeting. The afternoon sessions, including fourteen papers, were presided over by M. Sedley Barss and John H. McAndrews.

Two all-day, post-convention field trips were held on Saturday, October 17. One examined the Pleistocene of the Toronto region and was led by Jan Terasmae; the second was a trip to the Silurian exposures of the Niagara escarpment, led by F. W. Beales.

The Executive Committee of the A.A.S.P. extends its appreciation to all who helped make our Third Annual Meeting a successful and rewarding experience. Special thanks are due Geoffrey Norris, his Committee, the University of Toronto faculty, staff, and graduate students, who supported and aided the conduct of the Meeting; and the members of the A.A.S.P. whose participation was materially responsible for the success of the Meeting.

Executive Committee Meeting

The Executive Committee Meeting of the A.A.S.P. was held on October 15, 1970. Six of the seven members of the Executive Committee were present. The committees of the Association which were appointed at this meeting include the following:

Nominating Committee

Norman J. Norton (Chairman)
W. A. M. Jenkins
Harry A. Leffingwell
Glenn E. Rouse
Marcia R. Winslow

Ballot Committee

David Wall (Chairman)
Barrie Dale
Eugene J. Tynan

Publications Committee

Richard W. Hedlund (Chairman)
George F. Hart
Charles F. Upshaw
and the following correspondents:
D. Colin McGregor (for Canada)
Eloy Salas (for Mexico, South America)

Constitution Committee

Paul W. Nygreen (Chairman)
Geoffrey Norris
Alan B. Shaw

Long-Range Planning Committee

George R. Fournier (Chairman)
Charles F. Upshaw
Alfred Traverse (ex officio)

Annual Meeting Committee

Donald W. Engelhardt (Chairman)
Gerhard O. W. Kremp
Paul S. Martin
Lois A. Nagy
Terah L. Smiley

Liaison Committee

George R. Fournier (Chairman)
George F. Hart

Other new business included the discussion of plans for the 1971 Annual Meeting and the revised draft of a proposed Constitution by that Committee.

The next meeting of the Executive Committee will be held in St. Louis, Missouri, in the Spring of 1971. Members of the Association are encouraged to inform the Executive Committee of any A.A.S.P. items which should be considered by the Committee at this meeting.

Constitution Committee

The efforts of the Constitution Committee have resulted in a draft of a proposed revised Constitution for the Association. This draft was presented to the Executive Committee for their comments and direction during the Third Annual Meeting. The Executive Committee presently is reviewing the proposed draft and will submit comments for discussion at the mid-year meeting in St. Louis.

The Constitution Committee has revised our present Constitution utilizing the concepts of simplification and of elimination of conflicting operational and procedural provisions. Their efforts should result in a simple, more workable document to guide the A.A.S.P. within the direction of our progress of the past three years.

Emblem Committee

At the Annual Meeting in Toronto, the six emblem designs suggested for A.A.S.P. were posted, along with a blank sheet stating "none of these", for the purpose of voting for an A.A.S.P. emblem. Of the 105 registrants, only 59 votes were cast and 25 of these were cast for "none of these". No one of the designs received more than 10 votes. Because no design received a majority of votes, an emblem has not been chosen for the Association.

The Executive Committee would like to take this opportunity to express its appreciation to Earl Peterson and Tate Ames - the Emblem Committee - for the efforts which were put into this project.

Fourth Annual Meeting, Tucson - 1971

The Fourth Annual Meeting of the American Association of Stratigraphic Palynologists will be held in Tucson, Arizona, in October, 1971. Donald W. Engelhardt, Vice-President of A.A.S.P. and 1971 Program Chairman, is organizing the program, with the assistance of Gerhard O. W. Kremp (University of Arizona). Details concerning the Meeting will be announced at a later date in the Newsletter. In the meantime, plan to contribute to the program and to attend the Fourth Annual Meeting of the A.A.S.P.

A A S P Proceedings, Vol. I

Volume I of the A.A.S.P. Proceedings is essentially completed. Because of a minor printing error (which is being rectified presently), the publication has been temporarily delayed. Distribution of this volume is expected in the immediate future.

A A S P Proceedings, Vol. II

Volume II of the A.A.S.P. Proceedings will contain nine papers and the abstracts of all other papers read at the Pennsylvania State Meeting. The outside reviews of most manuscripts have been completed and will be sent to your Editor for review and evaluation.

A A S P Contributions Series

Number 1 in a new series of publications to be issued by the Association - the A.A.S.P. Contributions Series - was distributed to the Membership in October, 1970. The first number is entitled "A Bibliographic File for Computer Analysis of Permian Palynological Data (1933-1969)" and was compiled by George F. Hart. It is part of a comprehensive study of computer applications in the field of palynology.

The purpose of this series is to provide a publication channel for occasional contributions in the field of palynology. The format is somewhat flexible, and the publication dates will be governed by the availability of pertinent data. Because of present reproduction capabilities, there are no immediate plans to publish materials which include photographic plates or papers of a purely taxonomic nature.

Publications Available

The following publications of the A.A.S.P. are still available for distribution to Members, free of charge:

1. A.A.S.P. Membership Directory - 1969
2. A.A.S.P. Membership Directory - 1970
3. Program for Second Annual Meeting - 1969
4. Program for Third Annual Meeting - 1970

In addition, the following publications are available at a nominal cost:

1. Abstracts of papers - Second Annual Meeting - \$0.75
2. Abstracts of papers - Third Annual Meeting - \$0.75
3. Contributions Series No. 1 (Permian Bibliography) - \$2.00

All of the above publications may be obtained from:

Robert T. Clarke
Mobil Oil Corporation
Field Research Laboratory
P. O. Box 900
Dallas, Texas 75221

Field Trip Guidebooks

Guidebooks for the First and Second Annual Meeting field trips are still available at a nominal cost. They may be ordered from the following sources:

1. 1968 Field Trip Guidebook - Lower Mississippi Valley: A.A.S.P., First Annual Meeting. \$3.00 postpaid.

Clay Durham, Jr., Director
School of Geology
Louisiana State University
Baton Rouge, Louisiana 70803

2. 1969 Field Trip Guidebook - Sedimentation in the Carboniferous of Western Pennsylvania: A.A.S.P., Second Annual Meeting. \$2.00 postpaid.

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

Annual Meeting Group Photographs

Group photographs of members who attended the Third Annual Meeting of A.A.S.P. in Toronto, Canada (October, 1970) are available. They may be ordered by sending \$1.50, postpaid, for each print to:

P. B. O'Donovan
Department of Geology
University of Toronto
Toronto 5, Ontario, Canada

In addition, group photographs of attendees of the First and Second Annual Meetings in Baton Rouge and University Park, are still available. To order these "historic" photos, send \$2.00, postpaid, for each print to:

Don Krebs
517 Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Membership

A.A.S.P. membership at mailing time of this Newsletter is 287, including 281 Members in good standing and 6 Institutional Members. Give 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:

Robert T. Clarke, Secretary-Treasurer
Mobil Oil Corporation
Field Research Laboratory
P. O. Box 900
Dallas, Texas 75221

Arctic Geology Symposium

The Second International Symposium on Arctic Geology will be held at the San Francisco Hilton Hotel, San Francisco, California, February 1-4, 1971. This symposium is sponsored by the A.A.P.C.

The technical program will include four afternoon sessions on Arctic biostratigraphy. The Thursday afternoon session will include 9 presented papers dealing with Mesozoic and Cenozoic paleobotany and biostratigraphy. The December issue of the A.A.P.G. Bulletin will contain abstracts of the papers to be presented, as well as details concerning registration.

Palynology Symposium

A Symposium on Mesozoic and Cenozoic Palynology, in honor of Isabel C. Cookson, is to be held as a part of the 43rd Congress of the Australian and New Zealand Association for the Advancement of Science (A.N.Z.A.A.S.). The Congress, which will include 17 other geological symposia, will be held at the University of Queensland, Brisbane, Australia, during May 24-28, 1971. Further information concerning the program, pre- and post-Congress geological excursions, and method of registration can be obtained from:

Geoffrey Playford
Symposium Convener, A.N.Z.A.A.S.
Department of Geology and Mineralogy
University of Queensland
St. Lucia, Brisbane, Australia 4067

Paleontological Convention Proceedings

The six parts which will make up the first bound volume of the "Proceedings of the North American Paleontological Convention" (Chicago, 1969) are now available as individual paperbound volumes. Each part is based on a symposium presented at the Convention. Publication and sale in parts makes it possible for persons to purchase symposia of special interest to them as promptly and as economically as possible. The six separate parts which are now available are:

	<u>Price</u>
Part A - Teaching Paleontology (6 papers), p. 1-56	\$2.00
Part B - Computers in Paleontology (6 papers), p. 57-153	\$3.50
Part C - The Genus: A Basic Concept in Paleontology (5 papers), p. 154-321	\$5.00
Part D - Paleoclimatology (4 papers), p. 322-408	\$3.00
Part E - Evolution of Communities (6 papers), p. 409-550	\$5.25
Part F - Correlation by Fossils (4 papers), p. 551-703	\$5.25

Orders which consist entirely of seven or more copies of the same part will be given a 10% reduction in cost. Orders should be sent to:

Sales Department
Allen Press
Lawrence, Kansas 66045

A check or money order must accompany each purchase; add \$1.00 per order for postage and handling.

Eocene Field Guide

A field guide prepared by David Dilcher, entitled "Eocene Plant Localities of Western Kentucky and Tennessee", is available at a price of \$2.00. This is an attractive volume, with appropriate notes, maps, and illustrations of macrofossils and some microfossils, as well as of collecting localities. It may be ordered from:

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

Index of Fossil Plants

Recently issued as U.S.G.S. Bulletin 1300, "Index of Generic Names of Fossil Plants, 1820-1965" by H. N. Andrews, Jr. (1970) is a revision of Andrews' earlier "Index" (U.S.G.S. Bulletin 1013). The 1970 revision cites the type species for each genus and gives accompanying data on the age, geographic origin, and taxonomic status of most of the fossils included. Diatoms, spores, and pollen are omitted; an attempt has been made to include other groups of microfossils, although the index is intended primarily as a source of information for macrofossil plants. The index contains 354 pages and is priced at \$1.75. It may be ordered from:

Superintendent of Documents
Government Printing Office
Washington, D. C. 20242

Personalia

The following news item has been sent to the Editor for inclusion in the Newsletter:

Nicea M. Trindade is working on the megaspores of the Brazilian Gondwana in order to establish correlations with other Gondwana megaspore floras. He is also doing research on the interrelations between the Glossopteris flora and the boreal flora of northern Brazil based on megaspores.

Memorial to Alan Edward Marshall 1938 - 1970

Dr. Alan Edward Marshall drowned as the result of a tragic accident at Freeport, Texas, on September 19, 1970.

He was born in Birmingham, England, on December 9, 1938. Educated in England, he received his B.Sc. in Geology from Sheffield University in 1961. From then until late 1962, he worked in the National Coal Board Laboratory in Sheffield, assisting Harold Smith and Mavis Butterworth in the preparation of the monograph on "Miospores in the Coal Seams of the Carboniferous of Great Britain". He received his Ph.D. from Sheffield University in 1966. The degree thesis concerned miospore assemblages associated with seam splitting in the Yorkshire Coalfield.

In September, 1967, after spending a year as Research Assistant at Durham University, Alan joined Esso REP in Bordeaux, France. He worked there until his transfer to Humble, in Houston, in June of this year.

A keen "outdoors man" with interests in rock climbing and camping, Alan maintained a good appreciation of geology in general. The fine quality of his palynologic work is evident in his publications. This untimely and tragic accident has robbed us of an enthusiastic palynologist and geologist, who had much to contribute to our science. He is survived by his wife, Rosalind, and three young daughters.

Bibliography

- Marshall, A. E., and Smith, A. H. V., 1965, Assemblages of Miospores from some Upper Carboniferous Coals and their Associated Sediments in the Yorkshire Coalfield: *Palaeontology*, Vol. 7, pp. 656-673.
- Sullivan, H. J., and Marshall, A. E., 1966, Visean Spores from Scotland: *Micropaleontology*, Vol. 12, pp. 265-285.
- Marshall, A. E., and Williams, J., (in press), Palynology of the Yoredale Series of the Roman Wall District of Western Northumberland: C. R. 6th Int. Congr. Carb. Strat. Geol. (Sheffield, 1967).
- Johnson, G. A. L., and Marshall, A. E., (in press), Tournaisian Beds in Ravenstonedale, Westmoreland: *Proc. Yorkshire Geol. Soc. (England)*.

David R. Mishell

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.

REMEMBER ... send any news-worthy item to your editor
for the NEWSLETTER.
