

NEWSLETTER

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.

VOLUME 8

SEPTEMBER, 1975

NUMBER 4

Richard L. Pierce, Editor
David R. Mishell, Assoc. Editor

Judith K. Lentin, Correspondent
Eloy Salas, Correspondent

DON'T FORGET!

8th Annual Meeting
American Association of Stratigraphic Palynologists, Inc.
Houston Oaks Hotel
Houston, Texas
October 29-31 & November 1, 1975

RETURN YOUR ADVANCE REGISTRATIONS NOW!

(Y'awl come, ya heah)

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1975-1976 AASP OFFICERS

Bob Clarke, chairman of the Ballot Committee, reports that the following members have been elected to the office designated and will serve on AASP's Board of Directors for the coming year:

President:	Kenneth M. Piel
Vice-President:	M. Sedely Barss
Sec-Treasurer:	Jack D. Burgess
Editor	Richard L. Pierce
Councilors	John A. Clendening D. Colin McGregor

In the same ballot the proposal to amend the constitution to permit awarding honorary memberships passed 180 to 37.

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1975 ANNUAL BUSINESS MEETING

The Eithth Annual Business Meeting and Luncheon will be held at 12:00 noon, Friday, October 31st, in the Consort II Room of the Houston Oaks Hotel. A general agenda for the meeting is as follows:

1. INTRODUCTION R. W. Hedlund
2. MEMBERSHIP REPORT H. J. Sullivan
3. TREASURER'S REPORT H. J. Sullivan
4. EDITOR'S REPORT R. L. Pierce
5. OLD BUSINESS:
 - a) Halifax meeting, October 1976
 - b) Financial Development Committee Report
 - c) Any other old business
6. NEW BUSINESS
 - a) Tenth Anniversary Commemorative Volume
 - b) Any other new business
7. OUTGOING PRESIDENT'S ADDRESS
8. PRESENTATION OF HONORARY MEMBERSHIPS
9. ADJOURNMENT

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EXECUTIVE COMMITTEE MEETINGS

The Executive Committee will meet at 7:30 p.m. on Tuesday, October 28th, and Friday, October 31st, in the Presidents Room of the Houston Oaks Hotel. All members are invited to attend either or both of these meetings, and Directors for 1976 are urged to attend the Tuesday evening meeting. Any member may obtain a copy of the minutes of these meetings from Jack Burgess, AASP Secretary.

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DUES COLLECTION - NEW PROCEDURES

To increase the efficiency and reduce the cost of dues collection, the following proposals were considered by the Executive Committee at their Mid-year Meeting and were approved unanimously for adoption starting December, 1975:

1. Dues notices will be included as part of the December Newsletter. Notice will be detached and mailed along with personal check, or cash or money order to the Secretary-Treasurer. No stamped return envelope will be provided. Receipts should not normally be requested by those members in North America who pay by personal check.
2. Individual notices will be mailed by the Secretary-Treasurer to members who have not paid their dues by March 1st.
3. The names of members delinquent as of May 1st will be published in the June Newsletter.

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NOTES FROM LENINGRAD

Al Traverse, one of whose hats is Secretary of the IAPT Committee for Fossil Plants, attended the 12th International Botanical Congress in Leningrad this summer, and sent us the following summary of some decisions affecting palynologists that were made at the Congress:

The governing body for all botanical Nomenclature (including that of paleopalynology) is the Bureau of Nomenclature, which meets at each International Botanical Congress (about every 5-6 years, unless prevented by world wars) under the auspices of the International Association for Plant Taxonomy ("IAPT"-publisher of Taxon). All proposals to change the Code, including proposals to conserve generic names, must be published in Taxon before the next Congress. (Though proposals can be introduced from the floor by members of the Bureau, this apparent exception to the rule seldom is effective: few such proposals are adopted. Between congresses, nomenclatural business is handled by a series of IAPT Committees of which one is the Committee for Fossil Plants (W. G. Chaloner, chairman; A. Traverse, secretary). These committees do not have the power of the zoologists' commissions, although the Editorial Committee and the Rapporteur-General (Frans Stafleu) have considerable freedom (sometimes too freely used) to rearrange wording of the Code, and the General Committee does make decisions on homonymy between congresses (a recent example: are *Acanthoica* and *Aconthoeca* homonymous per Art. 75?). However, the Nomenclatural Bureau at congresses almost always accepts the recommendations of the various special committees with little debate.

The 12th International Botanical Congress met in Leningrad this summer. The Bureau of Nomenclature sessions were held before the Congress-proper, in the "Gorky Hall of Scientists", a former grand-ducal palace on the Neva River, near the Winter Palace ("Hermitage Museum"). A number of proposals had been put before the Committee for Fossil Plants. The Committee's basic decisions were published in Taxon (24:2/3:387-394, May, 1975). Some decisions agreed to by the Bureau as a whole were of general interest to taxonomists, including palynologists. There is no need to elaborate the details here, but the principal legislation that will be of interest to paleopalynologists is as follows:

1. Article 42 is emended, per a proposal of Jan Jansonius, to eliminate the requirement (which applied only to fossils) that the description for a monotypic genus must be referred (post 1-I-53) to the genus. Henceforth (as for all other plant genera) the description of monotypic fossil plant genera can be referred to either genus or species, if only one (*Descriptio generico-specifica*) description is provided. (Since the Code is retroactive, some untidiness results--because of monotypic generic names that were not validly published per the 1972 Code, but will be when the new Code comes into effect.)
2. In response to three badly conflicting proposals on "form" vs. "organ" genera, and much debate over many years about the nature of "organ-genera", the Committee for Fossil Plants recommended, and the Bureau of Nomenclature concurred, that the "organ-generic" concept be eliminated entirely from the Code (e.g., from Art. 3). Only form-genera and "ordinary" genera remain. The organ-genus concept is really taxonomic, not nomenclatural, and hence did not, strictly speaking, belong in the Code. Debate about the philosophical nature of paleobotanical nomenclatural units can now go on "privately" without involving legislation.
3. A statement that all names ending in *-ites* must be treated as masculine has been inserted in the Code. This should end much confusion about the gender of paleopalynological genera, many (most?) of which end in *-ites*.

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SAMPLES FOR SALE

There is insufficient money in AASP's account to pay for two volumes of the Proceedings, if they happen to come out in the same year. At its Mid-year Meeting, the Executive Committee approved several projects designed to raise money. One of these projects is the sale of rock samples known to be paly-

niferous and of general palynological interest. Bill Elsik has started the ball rolling by offering for sale sets of samples from his thesis locality. At the Houston Meeting, sets of samples from the First Interamerican Micro-paleontological Colloquium, held in Texas in 1970, also will be offered for sale. If any member can contribute to this project, he should write a description for the Newsletter somewhat along the lines of Elsik's following description of his material. Of course, the contributor is responsible for packaging, mailing and forwarding the money received to the AASP Treasurer, unless he can talk Bill into taking on these chores.

Rockdale lignite in Calvert Bluff Mbr.
Rockdale Formation.
Wilcox Group.
Late Paleocene or Early Eocene.
Southwest Milam County, Texas

Description: Set of 15 lignite samples, one from each foot of main 14' lignite and one from "rat" coal 4' above top of main lignite.

Surplus material from dissertation of W. C. Elsik (1965). Lignite from this locality has been the basis for publication by Elsik, Nichols, Traverse and others in Pollen et Spores, Geoscience and Man, etc.

Field guide description of locality, geological environs and summary of palynology included.

Available: 15 sets of samples; orders filled in order of receipt.
Cost: \$20.00 U.S. for each set, check or money order, payable to American Association of Stratigraphic Palynologists, Inc. Send to:

William C. Elsik
EXXON COMPANY, U.S.A.
P. O. Box 2189
Houston, Texas 77001

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ORGANIC METAMORPHISM PUBLICATION

If you are planning to attend the AASP Organic Maturation Symposium try to read:

Carbonaceous Materials as Indicators of Metamorphism, edited by R. R. Dutcher, P. A. Hacquebard, J. M. Schopf and J. A. Simon, 1975. Geological Society of America Special Paper No. 153.

Even if you are not going to attend the Symposium, read it. It is an excellent group of papers on a subject that is exciting a lot of people.

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TIME AND ROCK DIVISIONS, EQUAL BUT SEPARATE

Many of us tend to confuse time and rock divisions and misuse capitals on descriptive adjectives. These two problems are rather easily solved by remembering that there are equal but separate classifications for rock and time units, and only primary adjectives of formal stratigraphic units are capitalized. For example, Lower, Middle and Upper Jurassic are formal rock subdivisions of the Jurassic System. The rocks were deposited during Early, Middle and Late Jurassic time and are of Early, Middle and Late Jurassic Age. The upper Paleozoic is not a formal rock unit; upper Paleozoic rocks were deposited during late Paleozoic time and are of late Paleozoic age. Subdivisions of formal units should agree as to class and are not capitalized, for example, early Late Cretaceous for time and lower Upper Cretaceous for rock. Some useful references that can assist you whenever you do get confused are:

1. Geowriting, (2nd edition), available from the American Geological Institute, 5205 Leesburg Pike, Falls Church, Virginia 22041.
2. F. W. B. Van Eysinga's Geological Time Table, (3rd edition), available from Elsevier Publishing Company, P. O. Box 211, Amsterdam, The Netherlands.
3. The Code of Stratigraphic Nomenclature, available from The American Association of Petroleum Geologists, Box 979, Tulsa, Oklahoma 74101.

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EVITT'S DINOFLAGELLATE COURSE - A CHRONICLE

What started out as a custom tailored course for one person, John Bennett of ARCO, has grown to such prestigious status that some individuals have made permission to attend it a condition of their employment. We asked Bill for a list of past participants and hope our printing that list will recall for those who have attended some pleasant memories and enjoyable associations. The affiliations and addresses given are those in effect at the time of attendance.

Session I - August 1971

O. Ben Bourn, Chevron Oil Co., Jackson, Miss.
Harold V. Kaska, Chevron Oil Co., Bakersfield, Calif.
Harry A. Leffingwell, Union Oil Co., Brea, Calif.
David J. McIntyre, Chevron Standard Ltd., Calgary, Alta.
William C. Meyers, Cities Service Oil Co., Tulsa, Okla.
J. Fred Stone, Mobil Oil Corp., Dallas, Texas

Session II - June 1972

Wayne W. Brideaux, Geological Survey of Canada, Calgary, Alta.
Evan J. Kidson, Amoco Production Co., Tulsa, Okla.
Kenneth M. Piel, Union Oil Co., Brea, Calif.
Richard L. Pierce, Mobil Oil Corp., Dallas, Texas
Howard M. Simpson, Atlantic Richfield Co., Dallas, Texas
B. G. T. Van Helden, Chevron Standard Ltd., Calgary, Alta.

Session III - June 1973

Vernon F. Hunter, Texas Petroleum Co., Caracas, Venezuela
Raymond E. Malloy, Union Oil Co., Brea, Calif.
F. X. Miller, Amoco Production Co., Denver, Colo.
Ralph A. Morgan, Gulf Research and Development Co., Houston, Texas
Judith K. Lentin, Robertson Research (N.A.) Ltd., Calgary, Alta.
Logan L. Urban, Phillips Petroleum Co., Bartlesville, Okla.

Session IV - June 1974

Richard P. Curry, Atlantic Richfield Co., Dallas, Texas
Donald W. Engelhardt, Amoco Production Co., Denver, Colo.
Jacob E. Gerhard, Mobil Oil Corp., Dallas, Texas
Donald F. Oltz, Jr., Texaco Inc., Los Angeles, Calif.
Jaime Rueda-Gaxiola, Institut Mexicano del Petroleo, Mexico D.F.
Huon S. Walton, Chevron Standard Ltd., Calgary, Alta.

Session V - June 1975

Richard W. Hedlund, Amoco Production Co., Tulsa, Okla.
Nicos S. Ioannides, Esso Production Research-European, Begles, Grance
Jan Jansonius, Imperial Oil Ltd., Calgary, Alta.
Dennis R. Logan, Phillips Petroleum Co., Bartlesville, Okla.
Sue B. Mellina, Mobil Oil Corp., Dallas, Texas
Clair R. Ossian, Atlantic Richfield Co., Dallas, Texas

Session VI - July 1975

Michael L. Allen, Phillips Petroleum Co., Bartlesville, Okla.
Dan Beju, Amoco Production Co., Tulsa, Okla.
Carol Ann Chmura, Chevron Oil Field Research Co., La Habra, Calif.
Douglas J. Nichols, Chevron Oil Co., Denver, Colo.
Frederick H. Wingate, Cities Service Oil Co., Tulsa, Okla.

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CORRECTIONS, ETC.

In the June Newsletter the cost of the Anaheim Proceedings volume was given as \$12.00. This was our understanding of what the price probably would be

when all the accounting was done. However, the price finally set by LSU on the publication is \$16.00/volume. One of the reasons copies were not mailed to the general membership until July was that the Geoscience and Man staff could not release copies for general distribution until a final price was established. However, it is our considered opinion that April 25, 1975, is a viable publication date for the volume under ICBN Arts. 29 and 30, because the volume was available for reference at the Museum of Geoscience, LSU, as of that date. A critical part of Art. 30, in terms of the Anaheim Proceedings papers, is its second sentence, which states, "In the absence of proof establishing some other date, the one appearing in the printed matter must be accepted as correct". We believe that sentence was in part intended to absorb some of the lag that always occurs between printing date and general distribution.

The date for the Geobotany Conference at Bowling Green should have been February 21, 1976, not February 1, 1976, as stated in the June Newsletter. Anyone wishing further information on the conference should write Dr. Robert C. Romans, Department of Biological Sciences, Bowling Green State University, Bowling Green, Ohio 43403.

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CANADA SURVEY CUTS BACK ON REPRINTS

Poohawk Brideaux's Canadian Press supplied an item that is becoming too common for comfort:

The Geological Survey of Canada will no longer offer unlimited numbers of reprints to authors of its papers, bulletins and memoirs. Except in extenuating circumstances (and they will be few), single authors will receive 50 copies of their opus for distribution. Two to four authors will receive 25 copies each, and in any case no more than 100 copies total. Papers with multiple authors will be distributed to a maximum of 100 copies, and no more than 10 copies per author. The reason for the cutback is the escalation of costs in producing GSC publications. For example a GSC paper used to sell for 75¢. A comparable paper now goes for as much as \$4.50. There are rumors that a complete cutoff of free distribution is being considered if costs rise further!. Sic transit gloria mundi.

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PALYNOLOGY SOUTH OF THE BORDER

Eloy Salas has compiled a list of palynologists at various institutions in Mexico and projects on which they are working. Thanks, Eloy.

1. ESCUELA NACIONAL DE CIENCIAS BIOLÓGICAS, I.P.N.

Luz Ma. Arreguin

Spores of pteridophytes of the Valley of Mexico (Morphology).

R. Palacios y Arreguin

Palynological study of some archeological sites of Sn. Juan del Rio Valley, Queretaro State, Mexico.

Delfina Ramos

Morphology of Ulmaceae and Urticaceae pollen related with Moraceae.

2. INSTITUTO NACIONAL DE ANTROPOLOGIA E HISTORIA

Lauro Gonzalez

Paleoclimatic implications in the pollen of Tlapacoya sediments, state of Mexico.

Pollen analysis of lagunal coastal deposits from the state of Guerrero, Mexico.

Fernando Sanchez

Morphologic studies of mexican Malvaceae pollen.

Notebooks published by I.N.A.H.

El Pleistoceno de Mexico.

Paleobotanica, Palinologia y Arqueologia.

3. UNIVERSIDAD AUTONOMA DE MEXICO

Enrique Martinez

Cretaceous and Tertiary Palynological studies of Baja California, Mexico.

General course on palynology with emphasis in recent pollen morphology and stratigraphic palynology.

4. INSTITUTO MEXICANO DEL PETROLEO

J. Rueda

Study of Upper Jurassic palynomorphs from the east-central region of Mexico.

E. Salas

Is continuing the palynological catalog of the Tertiary in Mexico and some Mesozoic forms.

Palynological study of the Upper Jurassic of Chiapas.

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NEWS FROM OTHER PALYNOLOGICAL SOCIETIES

1. The new board of the Palynological Circle (Royal Geological and Mining Society of The Netherlands) is composed of the following:

President Dr. C. R. Janssen (Utrecht)
Secretary Dr. G. F. W. Herngreen (Haarlem)
Treasurer Dr. A. Smit (Amsterdam)
Members Mrs. Dr. C. Bakels (Leiden)
Dr. W. A. Casparie (Groningen)
Dr. D. Teunissen (Nijmegen)

Correspondence should be directed to:

G. F. W. Herngreen
Secretary Palynological Circle
c/o. Geological Survey of The Netherlands
Spaarne 17, P. O. Box 157
Haarlem, The Netherlands

2. The ASOCIACION LATINOAMERICANA DE PALEOBOTANICA Y PALINOLOGIA (A.L.P.P.) is interested in securing members from outside Latin America and has supplied us with the following information:

Membership \$6.00 U.S.A. per year, write Dr. Rafael Herbst,
Secretary, A.L.P.P., Facultad de Ciencias Exactas y Naturales
y Agrimensura, U.N.N.E., 9 de Julio 1449, Corrientes,
Argentina. Bulletin No. 2 to appear shortly.

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"IN SEARCH OF MAN"

The Fourth Annual Louis B. Leakey Memorial Symposium will be held November 1 & 2, 1975, at the Lisner Auditorium, George Washington University, D.C. Scheduled speakers include Raymond Dart, C. K. Brain, Francois Bordes, Bernard Campbell, Irvén Devore, Jane Goodall, David Hamburg, P. Clark Howell, Mary Leaky, Paul Maclean, and G.H.R. von Koenigswald. Persons interested in attending this symposium can contact Keven Bellows (202-296-5690) directly or write:

I. S. B. Leaky Foundation
c/o. The National Geographic
17th and M Streets N.W.
Washington, D.C. 20036

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QUATERNARY RESEARCH CONGRESS

The Tenth International Congress of the International Union for Quaternary Research will take place in Birmingham, United Kingdom, from August 16-24, 1977.

The Congress will be sponsored by the Royal Society. All correspondence and requests for information should be addressed to:

Dr. W. G. Jardine
Secretary-General X INQUA Congress
Department of Geology
University of Glasgow
Glasgow G 12 8QQ
United Kingdom

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NEW MEMBERS

AASP is pleased to welcome the following new members:

Absy, Maria Lucia, INPA, Caixa Postal 478, 69.000 Manaus, Amazonas, Brazil. Tel. 32-2191

Backhouse, John, Geological Survey of Western Australia, 66 Adelaide Trace, Perth, Australia 6000. Tel. 250161, ext. 158

Bell, David Graham, N.T.N.F., Kontinentalsokkelkontoret, Forskningsvein 1, Oslo 3, Norway. Tel. 69-58-80, Ext. 948.

Čorná-Zukova, Olga, ul. Janáčkova 4/a, Bratislava, Czechoslovakia.

Craig, J. H., 339 50th Avenue S.E., Calgary, Alberta, Canada T2T 3P7. Tel. 403-259-0212.

Denison, Christopher N., Robertsons Research International Ltd., Llanrhos, Llandudno, Gwynedd, North Wales, United Kingdom.

Dörhöfer, Gunter G., Department of Geology, University of Toronto, Toronto, Ontario, Canada M5S 1A1. Tel. 928-4851

Hebda, Richard J., Department of Botany, University of British Columbia, Vancouver, British Columbia, Canada V6T 1W5. Tel. 604-228-3352.

Lund, Jens J., Schackstrasse 18, D 31 Celle, West Germany.

Neville, Richard S. W., Robertson Research International Ltd., Ty'n-y-coed, Llanrhos, Llandudno, North Wales, United Kingdom.

Pickett, C. R., 5933 Bellaire Boulevard, No. 112, Houston, Texas 77036. Tel. 713-665-8686.

Pöthe de Baldis, Diana, Servico-Nacional-Min. Geologica, 1548 Santa Fe, 2° Piso, Buenos Aires (Capital Federal), Argentina.

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DIRECTORY CHANGES

Dave Mishell is hoping to distribute the 1975-1976 Membership Directory sometime in October. We apologize to the new members for not sending them a 1974-1975 Directory but we ran out several months ago. Until Dave does get the new Directory out, you may need some of the following changes:

Allen, Michael, 237C Frank Phillips Building, Phillips Petroleum Company, Bartlesville, Oklahoma 74004. Tel. 918-661-6201.

Awai-Thorne, Beatrice, Robertson Research (NA) Ltd., 501 Cleveland Crescent S.E., Calgary, Alberta, Canada T2G 4R8.

Chaiffetz, Michael S., Department of Geology, University of Texas at El Paso, El Paso, Texas 79999. Tel. 915-747-5501.

Edelman, Delbert W., Mobil Oil Corporation, Stratigraphic Laboratory-ESC, P. O. Box 900, Dallas, Texas 75221. Tel. 214-638-7700, ext. 676.

Fairchild, William W., International Biostratigraphers, Inc., 5933 Bellaire Boulevard, Houston, Texas 77036. Tel. 713-665-8686.

Frederiksen, Norman O., USGS National Center, Stop 971, Sunrise Valley Drive, Reston, Virginia 22092.

Hoffmeister, William S., 251 Sorrento Circle Apts., Winter Park, Florida 32789.

Jones, Eugene L., Mobil Research and Development Corporation, P. O. Box 900, Dallas, Texas 75221. Tel. 214-331-6531.

Masran, Theodora Carolina, Imperial Oil Ltd., 339 50th Avenue S.E.,
Calgary, Alberta, Canada T2G 2B3.

Nieves, Emanuel J., ext. 4494.

Perkins, Bob F., Office of the Dean of the Graduate School, University
of Texas at Arlington, Arlington, Texas 76009.

Winslow, Marcia R., Tel. 703-860-4360.

And a bunch of the boys at Amoco have had their telephones changed to direct
dialing, (all area code 918 and exchange 664):

Beju, N. Dan	3183
Eames, Leonard E.	3621
Grayson, John F.	3555
Jones, Richard E.	3568
Kidson, Evan J.	3457
Lamy, Andrew	3517
Littlejohn, Robert	3016
Mace, Robert B.	3809
Mishell, David R.	3286
Sullivan, Frank R.	3037
Upshaw, Charles F.	3836

Geoff Playford will be listed in the new directory under his Australian address, however, Geoff will be on sabbatical from the University of Queensland from January to December, 1976. During that time he will be working with Colin McGregor, at the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario, Canada K1A 0E8. Tel. 613-994-9227.

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R E M E M B E R

NEWSLETTER ITEMS

ARE WELCOMED

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(Items for next Newsletter need to be received by December 1, 1975)

MEMBERSHIP APPLICATION FORM

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

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

Name _____ Date _____

Address _____

_____ Zip _____

Telephone _____

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 \$10.00 (USA) in order for the Executive Committee to elect applicants to membership.

Send to: H.J. Sullivan, Amoco Canada, 444 7th Ave. S.W.,

Calgary, Alberta, Canada T2P 0Y2