

# NEWSLETTER

## AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.

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VOLUME 8

JUNE, 1975

NUMBER 3

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

Judith K. Lentin, Correspondent  
Floy Salas, Correspondent

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### EIGHTH ANNUAL AASP MEETING

HOUSTON OAKS HOTEL

HOUSTON, TEXAS

OCTOBER 29-NOVEMBER 1, 1975

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### ORGANIC MATURATION SYMPOSIUM

A symposium on Recognition of Thermal Maturation of Organic Materials in Sediments as it relates to hydrocarbon generation and migration has been scheduled for Wednesday, October 29, 1975, to precede the AASP Annual Meeting at the Houston Oaks Hotel, Galleria-Post Oak, Houston, Texas.

Speakers will present and discuss topics ranging from Geochemical Changes in Response to Thermal Alteration to actual microscopic measurement of thermal changes in both transmitted and reflected light. Following the formal presentations the participants will form a panel for questions and further discussion.

The Symposium will be both educationally and practically oriented. A novice in the area of thermal alteration will be introduced to basic concepts and techniques. The practitioner will be broadened by a review of basic principles and actual exploration case histories.

A special registration fee of \$10.00 will be charged for this Symposium. Because of wide current interest in thermal alteration within the Petroleum Industry, it was recommended by the Executive Committee that non-AASP members also be invited to attend upon payment of the same registration fee. Organizer of and moderator for the Symposium is Jack D. Burgess. Presently scheduled speakers and the general area of their talks are:

Jack Burgess: Introduction and review of methods for determining thermal alteration of organic materials.

Geoff Bayliss: Chemical changes associated with thermal alteration of organic materials.

Bill Spackman: Early changes undergone by organic deposits in a peat swamp, Florida Everglades.

Frank Staplin: Kerogen color changes in response to thermal alteration.

John Grayson: Spore translucency.

Neeley Bostick: Vitrinite reflectance.

Logan Urban: Exploration application of thermal alteration.

Wally Dow: Exploration application of thermal alteration - Gulf Coast Basin.

There also will be exhibits of reflectance and other measurement techniques. Participants in the Symposium and the Annual Meeting are invited to bring their own residue preparations for use on the exhibitors equipment.

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#### BEST STUDENT PRESENTATION AWARD

The Executive Committee has again approved a "Best Student Presentation Award" to encourage greater student participation in AASP meetings. The prize will be \$50.00. Any student in graduate school or who has received his degree within the same calendar year as the presentation will be eligible for the award. Papers co-authored with non-students will be eligible as long as they are delivered by the student. A panel of four judges, one of whom may be a student, will be responsible for the selection.

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#### 1975 MID-YEAR EXECUTIVE COMMITTEE MEETING

AASP's Board of Directors held its mid-year meeting in Suite 194 of the Ramada Inn in Tulsa, Oklahoma, on April 3rd and 4th. Present at all or part of the meeting were:

1974-75 Officers:     Richard W. Hedlund - President  
                         William C. Elsik - Vice President  
                         Herbert J. Sullivan - Secretary-Treasurer  
                         Richard L. Pierce - Editor  
                         Jack D. Burgess - Councilor  
                         William W. Fairchild - Councilor

Members:            Leonard E. Eames  
                     Charles J. Felix  
                     Richard E. Jones  
                     Ray R. Landin  
                     Norman J. Norton  
                     Charles F. Upshaw

A copy of the meeting minutes may be obtained from the Secretary-Treasurer. Following is a brief summary of the business transacted:

1. Accepted the Membership Report which listed a total of 416 members as of April 1, 1975. There was a net increase of 38 members during 1974 and a net increase of 46 since the 1974 mid-year executive meeting.
2. Accepted the Treasurer's Report which listed total corporate assets as \$5,629.88 and showed total disbursements for the year to have been \$4,931.76. Most of the disbursement, \$4,754.94, was for purchase of members volumes of Geoscience and Man and payment of plate charges.
3. Accepted the Editor's Report which listed two Newsletters and No. 4 in the AASP Contribution Series as having been distributed since the Calgary meeting.
4. Discussed the status of past and future Annual Meetings:
  - (a) Calgary, 1974: Accepted as read W. W. Brideaux's report on the Calgary meeting and recommended copies be distributed to the Houston and Halifax committees.
  - (b) Houston, 1975: Reviewed Bill Elsik's report from the Houston Committee and commended him and his committee for their efforts. It was recommended that manuscripts be solicited from the Organic Maturation Symposium speakers either for publication in the Proceedings Volume or as a publication in the Contributions Series.
  - (c) Halifax, 1976: Reviewed the Halifax Committee's report and recommended that a letter to clarify certain ambiguities regarding publication and accommodations be drafted for the President's signature.
  - (d) Tulsa, 1977: Reviewed the Tulsa Committee's report, presented by Leonard Eames, and recommended polling the membership to determine whether a proposed two day field trip would be acceptable.
5. Reviewed old business:
  - (a) Financial Development Committee: Norm Norton

summarized his committee's efforts to raise money for AASP. There are possible sources but until an AASP Foundation is formed these sources would not be able to deduct their contributions. Bob Clarke is actively working on a plan for an AASP Foundation and with the IRS to get it approved as a tax deductible fund raiser.

- (b) International Commission for Palynology: Accepted Al Traverse's report as read by Dick Hedlund.
- (c) CIA Report: Accepted Colin McGregor's report on activity in the international arena. Colin's report included mailing lists for six foreign palynological or palynologically oriented organizations. These lists are basic to increasing the sale of AASP publications.
- (d) Nominating Committee Report: The slate of candidates nominated by the Committee is listed in a following item.
- (e) Stratigraphic Correlation Chart Committee Report: F. X. Miller's report was received subsequent to the meeting. Significant developments to date are funding by the U. S. Geological Survey for a full time project chairman and Dr. George V. Cohee's acceptance of chairmanship of the Data Bank and Chart Committee for the project.
- (f) Honorary Membership: Recommended balloting the membership to amend the By-Laws to permit awarding of Honorary Memberships.

6. Discussed new business:

- (a) Reprinting the Petrified Forest Field Guide: Recommended against reprinting, too costly.
- (b) Proposal to Increase Quality of Presentations at Meetings: Quality of slides were specifically discussed and a suggestion was made that "Stars of Excellence" be noted beside the name of speakers whose slides had been screened and judged to be of top quality.
- (c) Keeper of the Association's Archives: Following a moving and heart-rending appeal by Herb Sullivan, Norm Norton offered to contact authorities at the U. S. National Museum regarding storage of AASP documents.

- (d) Increase of Membership Dues: Recommended against increasing dues, for 1976.
- (e) Adjunct Functions at AASP Annual Meetings: Recommended against concurrent sessions for adjunct functions at Annual Meetings.
- (f) Tenth Anniversary Commemorative Volume: Herb Sullivan proposed a Treatise on Stratigraphic Palynology be compiled as a special publication to commemorate AASP's 10th Anniversary. The Executive Committee appointed Herb Sullivan as Editor for the Paleozoic section, Wayne Brideaux as Editor for the Mesozoic section and Bill Elsik as Editor for the Cenozoic section. These three people will prepare guidelines for the papers and submit them to the Executive Committee together with a provisional list of titles and authors.

- 7. Discussed such other old and new business as necessary to bring the Executive Committee up to date. The above summary is not complete as it pointedly ignores all references to cocktail parties, dinner parties and pécadilloes.

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## 1975-76 SLATE OF CANDIDATES

The nominating committee, under the chairmanship of Charles J. Felix, has submitted the following slate of candidates for the upcoming AASP election:

For membership on the Board of Directors and for the office of:

President:	Kenneth M. Piel Jaan Terasmae
Vice President:	M. Sedley Barss James E. Canright
Secretary-Treasurer:	Jack D. Burgess Carol A. Chmura
Editor:	Richard L. Pierce
Councilors:	John A. Clendening Jocelyne Legault D. Colin McGregor Dewey M. McLean

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## HOUSTON MANUSCRIPT PREPARATION AND DEADLINE

We hope many of the papers presented at Houston will be submitted for publication in the Houston Proceedings Volume. Those of you who are presenting papers will be sent a Manuscript Preparation Guide by Bill Elsik. If you intend to publish in the Proceedings Volume, we urge you to follow the Guide. It will save you a lot of future work and emotional upsets. Incomplete manuscripts are a no no. When forced to we will submit them to reviewers, but only for peer corroboration as to reason for rejection. Those of you who have plates should pay particular attention to the Plate Preparation Requirements. Plate costs have gone out of sight. They were \$65.00/plate for the Anaheim Volume and could go as high as \$100.00/plate for the Houston Volume.

Last year we switched the deadline from December 1st to January 15th. There were numerous reasons for doing this, and it seems to have worked out to everyone's satisfaction. A meaningful deadline has to be based on the LSU Press production and priority schedules. However, as of now a January 15th deadline for manuscripts from the Houston meeting appears to be likely. This date will be confirmed or modified in the Editor's Report at the Annual Luncheon and Business Meeting.

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## ANAHEIM MEETING PROCEEDINGS VOLUME

Papers from the Sixth Annual Meeting at Anaheim, California, have been published as Vol. XI of Geoscience and Man. The copyright publication date on this Proceedings Volume is April 25, 1975. We had hoped to distribute it to the membership in May, but a couple of gremlins got in our way. Would you believe a June mailing?

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## AASP PUBLICATIONS THROUGH JUNE, 1975

Following is an update of AASP publications. All the Proceedings Volumes have been published as volumes in the Geoscience and Man series issued by Louisiana State University. They can be purchased from:

Editor  
Geoscience and Man  
Museum of Geoscience  
Louisiana State University  
Baton Rouge, Louisiana 70803

All other AASP publications can be purchased from the current AASP

Secretary-Treasurer. Until November that person is Herb Sullivan.

#### Proceedings Volumes

1. First Annual Meeting - Contains eight (8) articles and all abstracts of papers presented at the Louisiana State University Meeting. 141 pages; 18 plates. Published 1970 as Vol. I of Geoscience and Man. Cost \$7.50.
2. Second Annual Meeting - Contains nine (9) articles and all abstracts of papers presented at the Pennsylvania State University Meeting. 104 pages; 12 plates, one in color. Published 1971 as Vol. III of Geoscience and Man. Cost \$7.50.
3. Third Annual Meeting - Contains twelve (12) articles and all abstracts of papers presented at the Toronto meeting. 141 pages; 16 plates. Published 1972 as Vol. IV of Geoscience and Man. Cost \$8.25.
4. Fourth Annual Meeting - Contains twelve (12) articles and all abstracts of papers presented at the Tucson meeting. 133 pages, 18 plates. Published 1973 as Vol. VII of Geoscience and Man. Cost \$9.50.
5. Fifth Annual Meeting - Contains eight (8) articles and all abstracts of papers presented at the Newport Meeting. 83 pages; 9 plates. Published 1974 as Vol. IX of Geoscience and Man. Cost \$9.50.
6. Sixth Annual Meeting - Contains ten (10) articles and all abstracts of papers presented at the Anaheim Meeting. 145 pages; 29 plates. Published 1975 as Vol. XI of Geoscience and Man. Cost \$12.00.
7. Seventh Annual Meeting - In preparation and will contain about fourteen (14) articles and all abstracts of papers presented at the Calgary Meeting.

#### Contributions Series

1. No. 1 - A Bibliographic File for Computer Analysis of Permian Palynological Data (1933-1969) by George F. Hart. Issued September 1970. 40 pages. Xerox offset copies available. Cost \$2.00.
2. No. 2 - A Glossary of the Terminology Applied to Dinoflagellate Amphiesmae and Cysts and Acritarchs by Graham L. Williams, William A. S. Sarjeant, and Evan J. Kidson. Issued July 1973. 222 pages. Out of Print.

3. No. 3 - Statistics in Stratigraphic Palynology: An Annotated and Indexed Bibliography by Norman D. Frederiksen. Issued June, 1974. 65 pages. Cost \$2.50.
4. No. 4 - Proceedings of a Forum on Dinoflagellates held at Anaheim, California, 1973. Edited by W. R. Evett. Issued January, 1975. 76 pages; 22 plates; 12 text-figures; 19 charts. Cost \$7.50.

#### Field Trip Guidebooks

1. 1968 Annual Meeting  
Lower Mississippi Valley - Out of print.
2. 1969 Annual Meeting  
Carboniferous of Western Pennsylvania - 78 pages. Cost \$3.50.
3. 1970 Annual Meeting - No specific guidebook published.
4. 1971 Annual Meeting
  - (a) Petrified Forest and Meteor Crater, illustrated.  
Cost \$5.00
  - (b) Lehner Site, Pleistocene. Cost \$1.00.
5. 1972 Annual Meeting  
Cape Cod Area - Out of print.
6. 1973 Annual Meeting
  - (a) Sequoia and Kings Canyon National Parks, illustrated.  
Cost \$5.00.
  - (b) Torrey Pines - La Jolla - illustrated. Cost \$2.00.

#### Abstracts of Papers Presented at Annual Meetings

1. 1968 - Baton Rouge - Out of print.
2. 1969 - Penn State - 29 pages. Free.
3. 1970 - Toronto - 35 pages. Free.
4. 1971 - Tucson - 31 pages. Free.
5. 1972 - Kingston - 32 pages. Free
6. 1973 - Anaheim - 44 pages. Free



7. 1974 - Calgary - 25 pages. Free.

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## AASP DUES

If you read the summary of the Executive Committee meeting you may have wondered why an increase in dues was considered. Do you know how your dues are spent? With the exception of a very small amount for special mailings, such as ballot returns, they have gone towards publishing papers presented at the Annual Meetings. Your AASP dues are \$10.00/year. AASP's expenditures break-down about as follows for 1975 on a per person basis:

Proceedings plate charges:	\$4.50
Purchase of Proceedings	
Volumes distributed to	
members:	<u>\$7.00</u>
Total	\$11.50

A small carry-over in receipts from Annual Meeting registrations has permitted AASP to finance the deficit. But the above breakdown does not include the cost of producing and packaging our internal publications (Contribution Series, Membership Directory, Circulars, Newsletters) or their mailings. Their production, packaging and mailing costs have been obtained from the corporations, universities and industries with which your officers of the moment happened to be associated. Our dues could not have been maintained at the present rate except for the contribution of time and resources by many individuals and organizations.

Sometime, maybe this year, two Proceedings Volumes will come out in the same year. When that happens the \$5,000.00 presently in AASP's account will be exhausted. If costs continue to increase the account could be insufficient. However, the Executive Committee's philosophy is to cross that bridge when we get to it.

This brief and incomplete audit of the expenditure of your dues is submitted for your analysis. We hope it convinces you that you are getting your money's worth as a member of AASP.

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## GAC-GSA PALYNOLOGY SESSION

On May 17, 1975, Sven Laufeld and Geoff Norris co-chaired a palynology session held during the course of a joint meeting of the Geological Association of Canada and the regional Geological Society of America at Waterloo, Ontario. Following is the program schedule from

that session:

1. Miller, M. A.: Chitinozoa from Upper Ordovician Maysvillian Age Strata, Maysville, Kentucky.
2. Laufeld, S.: Paleoecology of Silurian Polychaetes and Chitinozoans in a Reef-Controlled Sedimentary Regime.
3. Wood, G. D.: Middle Devonian Chitinozoa From the Silica Formation, Northeastern, Ohio: Paleoenvironmental Interpretations.
4. Matten, L. C.: A Petrified Flora From the Givetian of Eastern New York.
5. Eggert, D. L.: Distribution of Palynomorphs in the Waltersburg Formation (Chesterian) of Southern Illinois.
6. Witmer, R. J., and McLean, D.M.: Lower Tertiary Dinoflagellate Assemblages from the Virginia Coastal Plain Near Richmond, Virginia.
7. Burden, E. T.: Probable Ecological Controls Affecting Postglacial Lacustrine Dinoflagellate Cyst Assemblages in the Great Lakes Region, Ontario.

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#### ALASKAN STATE PALYNOLOGICAL REPOSITORY

The Alaskan Department of Natural Resources maintains a repository for palynology slides from wells drilled in various parts of the State. The slides are available for examination in the Department's office at Anchorage. A list of the wells for which palynology slides have been prepared can be secured from:

Guy R. Martin, Commissioner  
State of Alaska  
Department of Natural Resources  
Division of Oil and Gas  
3001 Porcupine Drive  
Anchorage, Alaska 99501

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#### BOWLING GREEN GEOBOTANY CONFERENCE

Plans are being made to hold a geobotany conference at Bowling Green State University on February 1, 1976. The theme of the meeting will be Geobotany - An Integrating Experience.

Invited papers in the areas of paleobotany, palynology, and ecology will be presented, in addition to papers submitted by interested

participants. If you wish to be placed on the mailing list for further information, please notify Dr. Robert C. Romans, Department of Biological Sciences, Bowling Green State University, Bowling Green, Ohio 43403.

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## BIBLIOGRAPHY AND INDEX TO PALAEOBOTANY AND PALYNOLOGY, 1950-1970

The first part of the computer-based BIBLIOGRAPHY AND INDEX TO PALAEOBOTANY AND PALYNOLOGY covering the world literature during the period from 1950 to 1970 is now published. The BIBLIOGRAPHY contains approximately 25,000 bibliographic references of this brochure) of publications in palaeobotany, palaeopalynology, recent palynology, aeropalynology, mellitopalynology, archaeology, as well as bibliographies and biographies related to the fields in question. The INDEX contains all relevant key-words in a key-word-in-context list referring to the contents of the publications listed in the BIBLIOGRAPHY. Specific codes enable the user to find the references easily.

The second part of BIBLIOGRAPHY AND INDEX TO PALAEOBOTANY AND PALYNOLOGY will cover the world literature of our field of research from the beginning of the palaeobotanical and palynological sciences, that is from late Medieval times to the year 1949. This part will contain 45,000 literature references and will be ready for publication in 1976.

The Bibliography has been compiled and edited by Hans Tralau. It is available at a cost of 450 Swedish Crowns/copy (about \$120.00 U.S.) from:

The Scientific Publishers Ltd.  
Distribution Office  
P. O. Box 3223  
S-103 64 Stockholm 3  
Sweden

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## SPITSBERGEN PUBLICATION

Svein Manum has an English translation of the Russian publication Palynological Characteristics of the Paleogene Deposits of Spitsbergen, by A. S. Vakulenko and J. J. Ljvshitz. Anyone interested in a copy should write:

Dr. Svein B. Manum  
Institute for Geologi  
Postboks 1047  
Blindern, Oslo 3  
Norway

We presume the copies are free as no mention was made of any payment.

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### A MESSAGE FROM FRITZ

The Instituto de Investigaciones Palinologicas is a Foundation of the Caja de Ahorros y Monte de Piedad de Leon, in Leon, Spain. The Institute begun its existence on 1 January, 1975, and will soon move to its initial, semi-permanent location early this summer. Its official inauguration is scheduled for October, 1975.

The Institute will, when fully operational, work on applied and pure palynology and cover such fields as straight stratigraphic palynology, coal stratigraphy, in-situ fuel usage, organic maturation and related subjects. It will, in addition, deal with allergies caused by airborne particles and with the identification of the sources of these particles.

The palynology instrumentation is scheduled to be completed by 1976 or early 1977 at which time instrumentation and personnel hiring for the next field of endeavor of the Institute will/may begin. We expect to have ready for circulation the first report covering practical palynostratigraphic identification of the different North Spanish formations from Cambrian through Devonian, by the end of 1976; we will cover the Carboniferous in 1978, and the Mesozoic in 1980. These reports will be used for subsurface exploration and parts may be published.

At this moment, the scientific staff of the Institute consists of the following palynologists: Maria del Carmen R. Diez Rodriguez, Maria Amor Fombella Blanco, Rosa Maria Rodriguez Gonzalez and Fritz H. Cramer Diez. The institute is much interested in establishing a program of reprint exchange covering all fields of palynology.

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### PUBLICATIONS REQUEST

The Turkish Petroleum Company (TPAO) with the assistance of the United Nations Development Program has established a Petroleum Development Center in Ankara. By mid 1975 the Center will contain a well equipped palynology laboratory. The company is purchasing all the standard texts and subscribing to most of the palynologically oriented journals. However, it finds that much of the reference literature it would like to obtain is unavailable. Therefore, it would like to solicit individual publications from the palynological community. Reprints, books, etc., can be sent to:

Mr. Aybars E. Hunerman  
T.P.A.O. Arastirma Merkezi  
Grp. Bak.ligi, Mudafaa Caad.  
No. 22, Bakanliklar  
Ankara, Turkey

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### NEW MEMBERS

AASP is pleased to welcome the following new members:

Dickey, Bob C., Route 3, Box 240-A, Winnsboro, Texas 75494

Harding, Richard W., Jr., Silver Dome Court. Box 59, Route 5,  
Denton, Texas. 76201

Langston, Melana G., P. O. Box 1148, Plano, Texas 75074. Telephone:  
214-423-3644.

Mensch, Larry K., Institute for Geosciences, University of Texas at  
Dallas, P. O. Box 688, Richardson, Texas. 75080. Telephone:  
214-690-2429.

Morbey, S. Jack, Robertson Research International Ltd., Ty'n-y-coed,  
Llanrhos, Llandudno, North Wales, United Kingdom.

Potter, Timothy, Shell UK Exploration and Production Ltd., SEPE/3,  
Shell Centre, London, England SE1 7NA. Telephone: 01 - 934-  
5249.

Riley, Leslie A., Robertson Research International Ltd. Ty'n-y-coed,  
Llanrhos, Llandudno, North Wales, United Kingdom.

Skarby, Annie, Geologiska Institutionen, Stockholms Universitet,  
Box 6801, 11386 Stockholm, Sweden.

Tesch, A. F. Shell Oil Company, P. O. Box 60124, New Orleans,  
Louisiana 70160. Telephone: 504-588-6825.

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### DIRECTORY CHANGES

The following membership directory changes are sequenced to changes  
and additions listed in the September, December and March newsletters:

Baker, Lynn E., Box 2180 - Room 2295 G.

Ballog, Robert A., Union Oil Company of California, 9645 Santa Fe  
Springs Road, Santa Fe Springs, California 90670. Telephone:  
213-945-1221.

Batchelder, George L., Pollen Research Associates, Inc., 769 26th  
Avenue, San Mateo, California 94403.

Braman, Dennis, add Zip T3B ON9.

Bryant, Vaughn M., Jr., change Dept. to Anthropology Research Lab.

Bujak, Jon, Geological Survey of Canada, Atlantic Geoscience Centre,  
P. O. Box 1006, Dartmouth, Nova Scotia, Canada. Telephone:  
902-426-2731.

Butler, E. Ann, ARCO Plaza, Room 4361, 515 South Flower Street,  
Los Angeles, California 90071. Telephone: 213-486-1328.

Chumura, Carol A., Ext. 2245.

Cornell, William C., change zip to 79968, add telephone: 915-747-  
5218.

Cranwell, Lucy M., 2040 East Drachman, Tucson, Arizona 85719.

Edson, James E., Telephone: 504-865-4512.

Fisk, Lanny H., Dept. of Biological Sciences, Walla Walla College,  
College Place, Washington 99324. Telephone: (Home)  
509-529-4385, (office) 509-527-2424.

Gensel, Patricia G., Botany Department, University of North Carolina,  
Chapel Hill, North Carolina 27514. (Effective 8/15/75).

Gish, Jannifer Wyatt, change Nesa to Mesa.

Griesbach, Frederick R., Shell Oil Company, P. O. Box 481, Houston,  
Texas 77001. Telephone: 713-667-5661.

Hall, John W., change zip to 55108.

Hart, George F., Telephone: (Home) 504-769-1805, (Office) 504-388-  
2131.

Hedlund, Richard W., Telephone: 918-664-3766.

Ioannides, Nicos S, not vice versa.

Jain, Raj K., 6663 Zinnia Street, Arvada, Colorado, 80004.

Jarzen, David M., change to Paleobotany Laboratory, add zip KIA 0M8 and  
Telephone: 613-996-4518.

Jones, Richard E., Amoco Production Company Research Center, P. O. Box  
591, Tulsa, Oklahoma 74102. Telephone: 918-627-3400,  
Ext. 612.

Khan, Asrar M., Robertson Research (North America) Ltd., 501 Cleveland  
Crescent S.E., Calgary, Alberta, Canada T2G 4R8. Telephone:  
403-287-0073.

Kumar, Arun, Telephone: 517-355-4639.

Lentin, Judith K., add zip T2W 2A1.

Leisman, Gilbert A., change to Emporia State College.

Malloy, Raymond E., Union Oil Company of California, 9645 South Santa Fe Springs Road, Santa Fe Springs, California 90670.  
Telephone: 213-945-1221, Ext. 92.

Martinez/Hernandez Enriques, Department of Stratigraphy, Institute of Geology. Universidad de Mexico, Mexico 9, D. F., Mexico.

McLaughlin, Robert E., change to Department of Geological Sciences.

McNeilly, D. G. Roy, change to Shell Oil Company.

McRaney, John K., Jr., Telephone: 213-746-6008.

Newman, Karl R., Telephone: 303-279-0300.

Pierce, Robert W., Department of Geology, Auburn University, Auburn, Alabama 36830. Telephone: 205-826-4282.

Rachele, Linda D., Telephone: 212-291-7396.

Rowley, John R., Toppstigen 1, S-181 64 Lidingo, Sweden.

Sarjeant, William A. S., Room 108-3 (Geological Sciences).

Sblendorio to Sblendario-Levy, Jo Ann.

Schwab, Karl W., Continental Oil Company, 5 Greenway Plaza East. Box 2197, Houston, Texas 77001.

Shriver, Marilyn E. D., P. O. Box 636. Provo, Utah 84061.

Trotter, Charles L., Shell Development Company, P. O. Box 481, Houston, Texas 77001. Telephone: 713-667-5661, Ext. 1319.

Walowick, Wallace, Shell Oil Company, P. O. Box 481, Houston, Texas 77001. Telephone: 713-667-5661.

Wingate, Frederick H., Apt. No. 211.

Winslow, Marcia R., 2102 Thomas View Road, Reston, Virginia 22091.

Zavada, Michael, Department of Botany, Arizona State University, Tempe, Arizona 85281.

(It is obvious that palynologists are a rootless group. Whenever any of you settle into a semi-permanent configuration be sure to send your new address to Dave Mishell. Eventually we will incorporate an address change form into the newsletter to make it a little bit easier for you wanderers to let us know where you are at the moment.)

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R E M E M B E R

N E W S L E T T E R I T E M S

A R E W E L C O M E D

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(ITEMS FOR NEXT NEWSLETTER NEED TO BE RECEIVED BY  
SEPTEMBER 15, 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