

## NEWSLETTER

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.

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VOLUME 9

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NUMBER 1

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

Eleanora I. Robbins, Correspondent  
Eloy Salas, Correspondent

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### THANKS, KUDOS AND ACCOLADES

Houston, 1975 - one of the truly outstanding scientific meetings I have had the pleasure of attending! The 8th Annual Meeting Committee and all those who worked hard to make this meeting such a resounding success deserve the heartiest thanks from the Board of Directors and Membership of AASP.

To the Houston Annual Meeting Committee who put it all together, including Bill Elsik (Chairman), Lynn Baker, Gene Borden, John Clendening, Bill Fairchild, George Fournier, Pete Griggs, Ray Guillory and Lew Stover. In addition, Jack Burgess was chairman in the early stages of planning. Others who served on the committee were Bernie Shaffer and Bob Ballog.

To Jack Burgess, an additional kudo for his organization of the long-to-be-remembered Symposium on Organic Maturation participants included Jack, Geoff Bayliss, Bill Spackman, Frank Staplin, John Grayson, Francis Ting, Wally Dow, Neely Bostick and Mike Allen.

To all who gave papers at the Technical Sessions, especially Dan Beju who set the pace with his excellent invited paper.

To Stan Pocock, Warren Drugg, Sedley Barss, Vaughn Bryant and Dewey McLean, Session Chairmen, who were on the front line and kept the Technical Sessions flowing smoothly. Vaughn Bryant was especially active in obtaining papers for the session entitled "Symposium on Quaternary Palynology".

To Lynn Baker, coordinator of this year's Best Student Paper Presentation Award and his committee of judges - Evan Kidson, Harry Leffingwell, Norm Frederiksen and Eleanora Robbins.

To the efficient staff who so ably handled all of the details of registration - Sharee Aery, Debbie Burton, Connie Cigler and Rusty DeLeon of Gulf Oil, and Tana Jatzlau and Earnestine Williams of Exxon.

To Pat McGowan of Shell Development, our projectionist for Wednesday's Symposium, and Alvin Gabriel of Amoco who took over and ran a smooth show on Thursday and Friday.

To Paul Metzger of Exxon who took the group photographs.

To Rufus LeBlanc, Shell Development, who led an excellent field trip to recent environments, and to Pete and Linda Griggs whose extra efforts provided a catered barbecue lunch during the trip.

To all the of the Houston Committee, their wives and children, who had a hand in the preparation of the Cretaceous-Tertiary sample sets. Their work was augmented by the able assistance of Bill von Almen, Rick Pierce, Don Schafer, Fred Stone, Bob Tabbert and Bud Simpson.

To the optical equipment exhibitors who added an extra dimension to the Meeting.

To the catering department and staff of the Houston Oaks Hotel who made an excellent showing in spite of eventual conditions around the hotel on Friday.

And, finally, to the Members and past and present officers of the Association, who have contributed so generously of their time and talent to provide AASP with the workings of a forward-moving organization. With their help, the necessary work of the American Association of Stratigraphic Palynologists has been accomplished.

Richard W. Heald  
Past-President

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## EIGHTH ANNUAL MEETING SUMMARY

1. A total of 285 individuals attended either the Organic Maturation Symposium, the Technical Sessions, or both. There were 220 registrants for the Organic Maturation Symposium, and 178 registrants for the Technical Sessions. The 178 registrants for the Technical Sessions set a new attendance record. By way of comparison, there were 142 registrants at the Calgary Meeting in 1974, and 123 registrants at the Anaheim Meeting in 1973. An interesting sidelight is that only 157 of the 285 persons attending were paid-up members of AASP. This indicates the strong interest built-up for the Houston Meeting by the Organic Maturation Symposium. Another interesting sidelight is that the 157 AASP members at the Meeting represent 37% of the total Membership. AASP presently has 424 members. From whatever perspective you choose, the Houston Meeting was a fantastic success. A few copies of the list of names and addresses of attendees are still available. They can be obtained from the Head Honcho at Houston, Bill Elsik.
2. There were nine papers presented at the Organic Maturation Symposium and 35 papers in the Technical Sessions. The Technical Sessions were divided into: Paleozoic Palynology with eight papers, including a special invited paper by Dan Beju; Mesozoic Palynology with nine papers; Late Cretaceous-Cenozoic Palynology with nine papers, and a Symposium on Quaternary Palynology with nine papers. The Technical Sessions were extremely well balanced, as the above distribution of papers shows. It is hoped most of the papers presented will be submitted for publication in the Eighth Annual Meeting Proceedings Volume. Hopefully,

the papers from the Organic Maturation Symposium can be brought together and published as an AASP Contribution Series volume.

3. The Best Student Presentation Award went to Roger Morgan, Geological Survey of New Zealand, for his paper on "Elucidation of Diconodinium and its stratigraphic range in Australia". The award included a \$50.00 prize.
4. One Hundred thirty-four persons turned out for the Group Photograph. The photograph will be sent to all registrants for the Technical Sessions free of charge, and it will be included in the Proceedings Volume for the Meeting. We hope fewer people will go unidentified this year than last year. Some of us think the Calgary Group Photograph has a few casually interjected Calgarians.
5. The Cretaceous and Lower Tertiary samples sold at the Meeting brought in about \$400.00, and sets of the samples are still being sold. (See notice in this Newsletter.)
6. Friends from overseas, who helped to give the meeting an international flavor, included: Catherine Croxton, Barrie Dale, Roger Davey, Rex Harland, Aharon Horowitz, Serge Jardiné, Jim Lammons, Jens Lund, Roger Morgan, Shigemoto Tokunaga and Jean-Pierre Verdier.
7. Lifetime Honorary Memberships in AASP were awarded to Alfred Eisenack, William S. Hoffmeister and Leonard R. Wilson, in recognition of their significant contributions to palynology. These gentlemen will be the subject of biographical sketches in the Proceedings Volume for the Houston Meeting.

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## EXECUTIVE COMMITTEE MEETINGS

The Executive Committee of AASP held meetings on October 28 and October 31 in the Presidents Room of the Houston Oaks Hotel. Copies of the minutes can be obtained from the Secretary-Treasurer, Jack Burgess. Following is a brief summary of the minutes:

1. Accepted the Treasurer's Report, which showed AASP's assets to be \$2,099.69 as of October 20, 1975.
2. Accepted the Secretary's Annual Membership Report, which listed a total of 424 members, including 8 institutional members, as of October 20, 1975. For comparison, the 1974 Annual Membership Report listed a total of 371 members.
3. Accepted the Editor's Report, which listed the following publications for the year:
  - a. Four Newsletters, (Vol. 8).
  - b. The Sixth Proceedings Volume from Anaheim (published as Volume XI of Geoscience and Man).

c. AASP Contribution Series No. 4, Proceedings of a Forum on Dinoflagellates held at Anaheim, California, 1973. Edited by W. R. Evitt.

4. Appointed the 1976 Nominating Committee:

Bob Clarke  
Don Engelhardt  
Harry Leffingwell  
Dave McIntyre (Chairman)  
Al Traverse

5. Elected Dick Hedlund to chair the Ballot Committee, and accepted his nomination of Bob Bergad and Dan Beju to the Committee.
6. Reappointed Norm Norton to chair the Financial Development Committee, with Bob Clarke and Ray Malloy as continuing members on the Committee, and reviewed progress towards establishment of an AASP Foundation.
7. Reappointed Al Traverse to be the AASP representative on the International Commission for Palynology, and accepted his report on the XII International Botanical Congress.
8. Reappointed Colin McGregor to chair the Committee for International Affairs, and accepted his report on the compilation of membership lists from 13 regional societies.
9. Reviewed and reaffirmed Herb Sullivan's guidelines for publication of a manual of North American stratigraphic palynology to commemorate AASP's Tenth Anniversary.
10. Discussed and accepted Bill Elsik's special report on the Houston Meeting, and voted thanks and appreciation for a job well done.
11. Reviewed plans for the Annual Meeting at Halifax in 1976. The Halifax Meeting Committee consists of Sedley Barss, as chairman, with Ann Bujak, Jon Bujak, Colin McGregor and Graham Williams.
12. Reviewed plans for the Annual Meeting at Tulsa in 1977. The Tulsa Meeting Committee consists of Leonard Eames and Dick Hedlund as co-chairmen, with Bob Bergad and Logan Urban.
13. Reviewed the future financial needs of AASP, and found it necessary to raise the annual dues to \$15.00 effective January 1, 1976.

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## MANUSCRIPTS FOR HOUSTON PROCEEDINGS VOLUME

This note is to remind authors who desire to publish the paper they gave at Houston in the 8th Proceedings Volume, that their manuscripts should be sent to the AASP Editor, Rick Pierce, by January 15, 1976. Manuscripts

should be triple-spaced throughout, and the original plus two copies should be submitted. We are happy to hear the Canadian mail strike is over and won't affect the deadline.

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## DUES NOTICE

One of the sheets attached to the end of the Newsletter is your formal dues notice. Detach it and send it with your dues to Jack Burgess. Yes, Virginia, the dues really are \$15.00.

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## AASP PALYNOLOGY SAMPLES: TEXAS, 1975

There are two sets of palynology samples collected in Texas that are available from Bill Elsik. The price is \$15.00/set or \$25.00 for both. Each sample contains about 50 grams of material, and the sets are accompanied by a booklet that contains an AASP sample number, formation, age, locality, reference(s), collector(s) and short comment for each sample in the sets. Also included in the booklet are summary stratigraphic columns, compiled by Bill Fairchild, on which is shown the relative stratigraphic position of the samples.

Set No. 1, Cretaceous: Thirty samples from the Albian (Walnut Fm.) through the Danian (Kincaid Fm. - Cretaceous/Tertiary boundary locality on the Brazos River).

Set No. 2, Lower Tertiary: Twenty samples from the Kemp Clay (Cretaceous/Tertiary boundary locality on the Brazos River) through the Caddell Fm. (early Late Eocene).

Excellent palynomorph recovery has been obtained from most of the samples, as can be attested to by members who viewed prepared slides and 35 mm transparencies at the 8th Annual Meeting in Houston. At \$0.50/sample, these sets are really a bargain. They definitely belong in every industrial and academic palynology lab for reference and teaching purposes.

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## ANNUAL MEETING SITES - A SOLICITATION

AASP's Board of Directors is seeking hosts for future Annual Meeting sites. Any group that believes it can host a Meeting is invited to submit its bid for consideration. Initial correspondence should be directed to the President of AASP and need only contain where and when information. The Board will

then direct the AASP Secretary to send the group's chairman a set of bid forms. These forms specify the information needed for the Board to act, and, when submitted, will formalize the group's bid. The only Annual Meeting sites that presently are definite are Halifax in 1976, and Tulsa in 1977.

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## USGS EAST COAST WORK

USGS palynology personnel at Reston, Virginia, are frantically preparing for the stratigraphic problems that will surely come when offshore oil exploration on the east coast begins. The following items came from Norm Frederiksen and Norrie Robbins:

1. The Water Resources Division and the Geologic Division of the USGS, together with the State of Massachusetts, spudded a test well on November 9, on Nantucket Island. The well, USGS Locality 6001, Nantucket Well 1975, is being drilled by the Army Core of Engineers. A continuous core will be taken to basement, then the hole will be plugged back to 410' for use as a water well. Basement, possibly Triassic, is expected between 1600' and 2000'. The palynology will be done by Norm Frederiksen (Tertiary), Ray Christopher (Cretaceous), and Fred May (dinoflagellates). Norrie Robbins will study organic maturation facies in the well.
2. The USGS completed a deep corehole through coastal plain sediments near Charleston, S.C., in February, 1975. Several papers on this corehole will be given at the meeting of the Northeastern and Southeastern Sections of the GSA in Arlington, Virginia, on March 25-27, 1976. Continuous cores from the hole include a rather complete sequence from the Oligocene to the mid-Cretaceous. This is a downdip section with abundant marine microfossils; thus much of the sequence can be correlated with Cretaceous and Tertiary stages of Europe and the Gulf Coast. The papers in March will summarize results of investigations to that time, including geophysics and stratigraphy, as well as the pollen and spores, dinoflagellates, calcareous nannoplankton, ostracodes, forams, and mollusks. We expect the cored section to serve as a biostratigraphic standard for the southern Atlantic Coastal Plain.

Unfortunately, no data on the corehole can be released until the meeting in March. One important reason for this is that we are still in the reconnaissance stage of the investigation, and our conclusions are changing as the work proceeds.

Information about the meeting can be obtained from Fred Handy, GSA Headquarters, 3300 Penrose Place, Boulder, Colorado 80301.

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## MAKE KEROGEN SLIDES

Even if you never intend to use it, you should make a slide of unoxidized residue from each rock sample you process. This slide will give you a record of the composition of the untreated residue, a check on the effect of subsequent processing and possibly it could be converted into a vitrinite reflectance slide, if nothing better were available. To make a kerogen slide, simply mount a cut of the residue remaining after the HCl-HF-heavy liquid separation steps. We guarantee it will be a useful slide sooner or later. Well, maybe we should make that a one day/million year age of sample guarantee.

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## A HISTORICAL NOTE

Many younger palynologists are unaware that a forerunner of the AASP Newsletter existed in the US in the 1940's. It started out with the title of Pollen Analysis Circular, then later became known as the Pollen and Spore Circular. These circulars were edited mainly by Paul B. Sears, and were reprinted by the Palynological Bulletin in three parts, as follows:

Circular No.	Palynological Bull. reference
1-6	v. 4, no. 2, p. 45-71, 1968
7-13	v. 5, no. 1, p. 1-43, 1969
14-18	v. 5, no. 2, p. 57-116, 1969

L. R. Wilson has a complete collection of the original circulars.

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## THE PALEONTOLOGICAL SOCIETY

All AASP members should have received membership application forms from the Paleontological Society. It is an excellent organization and deserves the support of all who can afford it. The membership rate for 1975 is \$24.00 or \$12.00 for students. If you have misplaced the membership form you received, and would like to join the Society, a new application can be obtained from:

W. O. Addicott  
Secretary of the Paleontological Society  
U.S. Geological Survey  
345 Middlefield Road  
Menlo Park, California 94025

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## 37TH BIOLOGY COLLOQUIUM AT CORVALLIS

The 37th Biology Colloquium is being sponsored by Oregon State University and will be held on April 23-24, 1976, in Corvallis. The purpose of the Colloquium is to interpret the fossil record in terms of evaluating plate tectonics and changing environments of the past. As in the past, Oregon State University will publish a Proceedings Volume on the Colloquium. Anyone interested in participating in or attending the Colloquium should contact:

Professor Jane Gray  
Department of Biology  
University of Oregon  
Eugene, Oregon 97403

Information Circular No. 1 for the Colloquium has been mailed to selected individuals and copies are available on request.

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## SYMPOSIUM ON FOSSIL COMMUNITIES

Jane Gray is acting as co-convenor for a Symposium on Fossil Communities to be held in August, 1977. She is particularly anxious to get contributions from paleobotanists and palynologists, because fossil animal community studies have dominated fossil community thought. Newsletter recipients who believe they can make a contribution to the Symposium should contact Jane, whose address is listed in the previous item.

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## 1977 CIMP MEETING

The General Assembly of CIMP (Commission Internationale de Microflora du Paleozoique) will be held at Leon, Spain, in the second half of September, 1977. The program for the meeting will be announced in January, 1976. In addition to the scientific sessions, two excursions are planned: one to collect Cambrian through Mesozoic palyniferous localities in northern Spain, and a second, general interest excursion to Galacia, Asturias and Leon. The meeting and excursions are being organized by the Instituto de Investigaciones Palinologicas, Fundacion de la Caja de Ahorros y Mante de Piedad de Leon, Apartado 244, Leon, Apsin. Additional information about the meeting can be obtained by writing to Fritz H. Cramer at the preceding address.

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## VI MEXICAN BOTANICAL CONGRESS

Eloy Salas writes that the following papers of paleobotanical and palynological interest were given at the VI Mexican Botanical Congress, which took place from September 21-26, 1975, at Xalapa, Veracruz:

Weber, R., "The fossil ferns of Mexico".

Higueras, Ma. Antonieta and Briseno de la Fuente, "Atmospheric pollen in Monterrey City, Nuevo Leon State, Mexico".

Ludlow Wiechers, B., Gómez Pompa, A. and Martínez Hernández, E., "Palynological observations in Piper".

Palacios, Chávez R., "Some paleoecological aspects of the Miocene of Huimanguillo, Chiapas, Tabasco and Veracruz States".

"Modern pollen rain in some habitats of Mexican Valley".

Díaz Luna, c., "Morphologic anomalies in the pollen grains of Pinus pinceana".

Arreguín Sánchez, Ma. de la Luz, "Morphologic spore studies of isosporous pteridophytes of Mexican Valley".

Martínez Hernández, E., "Stratigraphic, paleoecologic and phytogeographic aspects of palynology".

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## LOWER MIOCENE PALYNOMORPH CATALOG, MEXICO

The first in a series of catalogs illustrating fossil palynomorphs from the Republic of Mexico has been published by the Instituto Mexicano del Petroleo. The initial publication is concerned with the taxonomy, morphology and illustration of palynomorphs from the Lower Miocene and was compiled by Eloy Salas. Further information on the catalogs can be obtained from:

Instituto Mexicano del Petroleo  
Avenue Cien Metros No. 152  
APDO. Postal 14-805  
Mexico 14, D.F.  
Attn: Ing. Eduardo J. Guzmán,  
Head of Exploration Technology

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## CLEARCOL FOR SALE

John Hall has nine, one-oz. bottles of Clearcol which he purchased some time ago. The bottles are unopened and probably are of good quality as they have been properly stored since their purchase. John will sell them for \$3.00/bottle. If you are among those who prefer Clearcol for mounting, and lament its unavailability, here is a chance for you to stock-up.

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## CORRECTIONS, ETC.

We apologize for an omission in the September Newsletter. Albert A. Berti should have been listed as a participant in Session VI of Bill Evitt's dino-flagellate course.

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## NEW MEMBERS

AASP is pleased to welcome the following new members:

Chen, Yow-Yuh, Robertson Research (North America) Ltd., 501 Cleveland Crescent S.E., Calgary, Alberta, Canada T2G 4R8. Tel. 403-287-0073.

Engle, Marcia A., Geology Department, University of Indiana, Bloomington, Indiana 47401. Tel. 812-337-5582.

Smith, David G., Department of Geology, Trinity College, Dublin 2, Ireland. Tel. 772941, Ext. 256.

Taylor, Gary A., Amoco Production Co., P. O. Box 3092, Houston, Texas 77001. Tel. 713-227-4371, Ext. 776.

Wrenn, John H. W., 1321 Suburban Apartments, Dekalb, Illinois 60115. Tel. 758-2157.

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## DIRECTORY CHANGES

For members convenience, a change of address form has been added to the bottom of the membership application form that is attached to the end of

all Newsletters. The change of address form can be used to change any item of directory or mailing label information that a member would like to have changed. The change will be listed in the next Newsletter that follows receipt of the change.

The 1976 Membership Directory will be out soon, according to Dave Mishell, but the following changes may have been received too late for inclusion in the new directory:

Parsons, William H., 508 Willoughby Lane, Staunton, Virginia 24401.

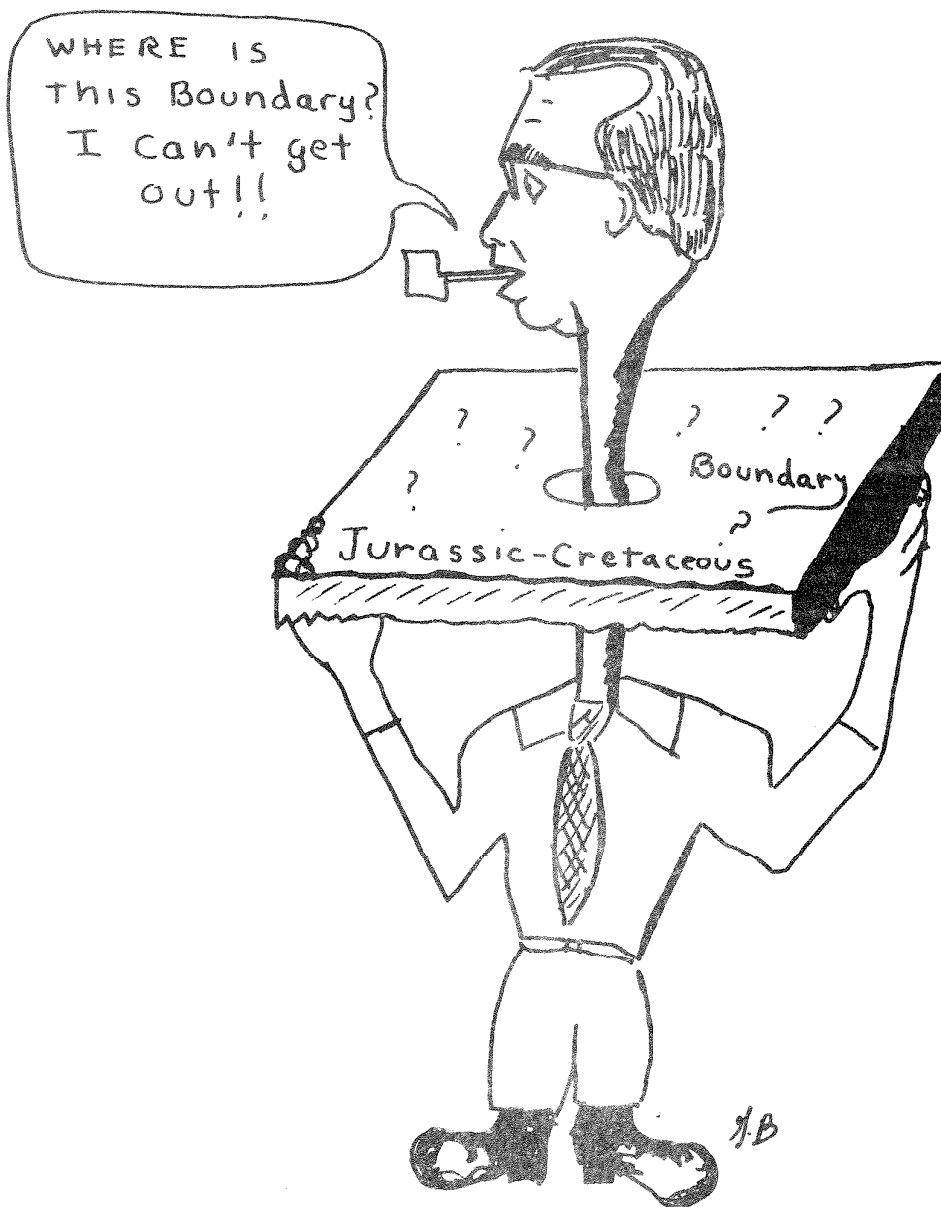
Sanders, Robert B., U.S. Geological Survey, 800 A Street, Anchorage, Alaska 99501.

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REMEMBER  
NEWSLETTER ITEMS  
ARE WELCOMED

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(Items for next Newsletter need to be received by March 1, 1976)



A colleague's plight at the AASP 8th Annual Meeting in Houston, Texas, October 29 - November 1, 1975.

**MEMBERSHIP APPLICATION FORM**  
**AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.**

Preferred title (circle): Prof., Dr., Mr., Mrs., Ms.

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
(First) (Middle) (Last)

Address: \_\_\_\_\_  
\_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone: \_\_\_\_\_

Employer: \_\_\_\_\_

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

Signatures of sponsors (must be 1) \_\_\_\_\_  
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 \$15.00 (USA) in order for the Executive Committee to elect applicants to membership.

Send to: Jack D. Burgess, Gulf Research and Development Corp.,  
Exploration Division, Drawer 2038, Pittsburgh,  
Pennsylvania 15230

**AASP DIRECTORY AND MAILING LIST CHANGE**

Listed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
(First) (Middle) (Last)

Title change: \_\_\_\_\_

Name change: \_\_\_\_\_

Address change: \_\_\_\_\_  
\_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone change: \_\_\_\_\_

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Send to: Richard L. Pierce, Mobil Exploration Services Center,  
Stratigraphic Lab., P.O. Box 900, Dallas, Texas 75221