

## NEWSLETTER

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS INC.

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VOLUME 8

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NUMBER 2

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

Judith K. Lentin, Correspondent  
Eloy Salas, Correspondent

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### ADDRESS CORRECTIONS REQUESTED

Dave Mishell is undertaking the Promethean task of preparing an error free membership directory. If there are any errors on the address label, or additions and corrections to your entry in the 1974-1975 Membership Directory, now is the time to let him know. Just drop him a card at Amoco Production Company, Research Center, P. O. Box 591, Tulsa, Oklahoma 74102.

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### MID-YEAR EXECUTIVE COMMITTEE MEETING

AASP's Board of Directors will hold its mid-year meeting at the Ramada Inn, 4528 East Skelly Drive, Tulsa, Oklahoma, April 3-4. The business meetings will be from 8:30 a.m. to 4:30 p.m. on the 3rd and 8:30 a.m. to 12 noon on the 4th. Any interested member may attend. Following is a tentative agenda for the meeting:

1. Approval of Executive Committee Minutes, Calgary Annual Meeting
2. Membership Report
3. Treasurer's Report
4. Editor's Report
5. Annual Meeting Discussions:
  - a. 1974 final report
  - b. 1975, Houston
  - c. 1976, Halifax
  - d. 1977, Tulsa
  - e. Future site proposals.

6. Old Business:

- a. Report on International affairs
- b. Financial Development Report
- c. Progress report on establishment of an AASP Foundation
- d. International Palynological Commission Report
- e. Other old business

7. New Business

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## EIGHTH ANNUAL MEETING, HOUSTON 1975

Bill Elsik has submitted the following items relative to the Annual Meeting. The questionnaire Bill refers to is attached to the end of the Newsletter.

1. Dr. Dan Beju of Amoco Production Company, Tulsa, has accepted an invitation to present a guest lecture titled "Pre-Cretaceous Palynostratigraphy of the Carpathian Foreland of Romania" at the October 1975 Annual Meeting of AASP in Houston. His intention is to present the stratigraphical distribution of the more significant groups of palynomorphs occurring in the Lower Paleozoic to Upper Jurassic of that area.
2. Questionnaire and call for papers. All interested participants please clip and fill out the attached questionnaire (this is the "December" query referred to in December 1974 AASP Newsletter; see that Newsletter for particulars). Return as soon as possible to W. C. Elsik, Exxon Company USA, P. O. Box 2180, Houston, Texas 77001.

The Eighth Annual Meeting is scheduled for October 29-31, 1975, in the Houston Oaks Hotel, Galleria-Post Oak, Houston, Texas

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## AASP CONTRIBUTION SERIES NO. 4

Members were mailed their copy of AASP's 4th special publication on February 20, 1975. Overseas members should allow at least six weeks before panicing. But we will understand your concern if you don't receive it by then because it is excellent. It can be cited as follows:

Evitt, W. R., editor, 1975. Proceedings of a Forum on Dinoflagellates held at Anaheim, California, 1973. American Association of Stratigraphic Palynologists, Contributions Series No. 4, 76 pp., 22 pls., 12 text-figs., 19 charts.

Members and non-members may secure additional copies for \$7.50 U.S. dollars, or their equivalent, by pre-paid orders to:

Dr. Herbert J. Sullivan  
Amoco Canada Petroleum Company Ltd.  
Bentall Building  
444 - 7th Avenue S.W.  
Calgary, Alberta  
Canada T2P 0Y2

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## SECOND COLLOQUIUM ON PALEOBOTANY AND PALYNOLOGY, MEXICO CITY, 1974

Eloy Salas has sent us the following report for inclusion in the Newsletter:

The "Second Colloquium on Paleobotany and Palynology" took place on September 25-27 at Mexico City. Some thirty paleobotanists and palynologists from North and South American countries, as well as one colleague from Sweden, participated actively in the event. More than thirty papers were delivered. The main topics covered by the contributions were:

1. The pre-Quaternary and Quaternary paleobotany and palynology of Mexico and neighboring countries.
2. South American paleobotany and palynology.
3. The morphology and taxonomy of fossil and modern angiosperm leaves.

In the first general topic, aspects of Triassic, Jurassic, Cretaceous, Miocene and late Quaternary floras and palynofloras were discussed. Comprehensive or review papers were delivered by A. Silva P. on "Jurassic paleobotany of Mexico", by A. Graham on "History of the Tropical Rain Forest near its Northern Limits in Veracruz" and L. Gonzalez Q. on "The Pleistocene of Mexico, a Climatic Hypothesis".

Contributions to South American Paleobotany by O. Rosler on "Some aspects of the paleofloristic development in the Brazilian Gondwanic Region", and by E. J. Romero on "A paleophytogeographic reconstruction of the area of Rio Turbio (Sta. Cruz, Argentina), in accordance with the palynological evidence" were highlights in the colloquium.

The last general topic included a series of contributions on philosophical, methodological and practical aspects of description, identification and classification of fossil and modern angiosperm leaves. This set of papers was indeed most stimulating and important. Aspects of Taxonomy and Parataxonomy in paleontology and paleobotany were discussed by J. Rueda Gasiola, the vertebrate paleontologist, I. Ferrusquia Villafranca, and by R. Weber. A new descriptive terminology for dicotyledonous leaf venation was presented by J. A. Wolfe and H. E. Schorn.

L. J. Hickey explained the "leaf-ranking" method and E. J. Romero described the initiation of a revision of certain Tertiary leaf floras of Argentina by means of the leaf-ranking-method. E. P. Klucking described venation patterns of the family Annonaceae. The use of computers in taxometric partitioning of leaf collections and in general paleobotanical documentation was discussed by G. E. Dolph and H. Tralau.

The colloquium finished with a Round Table Discussion on "Organization of researchers concerned with the angiosperm fossil record". This was also the title of the introduction paper delivered by D. L. Dilcher. The following points summarize the discussions and emphasize the proposals of the majority of the participants. The points were formulated after the meeting; however, they should be considered as a pronouncement agreed upon by those present.

1. An "International Association for Angiosperm Paleobotany" will be established.
2. The "Association" will try to join all researchers working on or interested in the Angiosperm fossil record (woods, leaves, flowers, pollen, fruits and seeds), and particularly those concerned with morphology, taxonomy and/or phylogeny of the Angiosperms.
3. The main activities of the "Association" will be the formation of working groups of researchers in specialized fields, as well as establishing a system for information exchange within and between those working groups. The "Association" will try to collect and distribute systematically all available data regarding reference collections, bibliography, terminology, and related individual and institutional research programs and facilities.
4. A working group concerned with the modern and fossil angiosperm leaves will be established.
5. At the beginning the "Association" will work as a loosely, informally organized corporation, coordinated by a volunteer secretary, who was designated. The structure of the "Association" will be changed when the secretary and/or the membership consider it desirable or necessary.
6. A "Newsletter" will be established.
7. Aspects such as: regional representation, future meetings, association with other related organizations and request for dues will be worked out as the membership develops, and the secretary sees the need and possibility.

All colleagues interested in the new association are asked to contact the Secretary, Dr. Reinhard Weber, at the following address:

Instituto de Geologia, U.N.A.M.  
Ciudad Universitaria  
Mexico 20, D.F.

Among the strictly palynological papers were the following:

- M. FUENTES (MEXICO). Pollen Morphology of the Cyperaceae.
- E. J. ROMERO (ARGENTINA). Paleophytogeographic reconstruction of Rio Turbio (Santa Cruz, Argentina) area in accordance with the palynological evidence.
- J. RUEDA (MEXICO). Parataxonomy history of fossil pollen and spores.
- E. SALAS (MEXICO). A Jurassic palynoflora of Southern Mexico.
- F. SANCHEZ (MEXICO). Pollen morphology of the Malvaceae.
- R. PALACIOS (MEXICO). Modern pollen rain of some habitats of Mexican Valley.

Palynological aspects of the Miocene of the Huimanguillo area (boundaries of Chiapas Tabasco and Veracruz states).

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## ALCHERINGA

The Association of Australian Paleontologists (AAP) is presently attempting to bring a new journal, ALCHERINGA, into being. The name was suggested by paleontologists of the Bureau of Mineral Resources. ALCHERINGA (also spelled Altjeringa) is the popularized English version of an Arunta expression that means "in the beginning" or "from all eternity". ALCHERINGA is also the name of the oldest known Australasian fossil, a 2 billion year old stromatolite from the Pilbara region of Western Australia. The cover of ALCHERINGA will feature a photograph of the stromatolite growing from the crests of asymmetrical ripples.

ALCHERINGA is being managed by an Editor, an Assistant Editor, and an Editorial Panel. The February, 1974, inaugural meeting of the Association in Hobart elected Dorothy Hill and Geoff. Playford of the University of Queensland, Bruce Runnegar of the University of New England, and John Shergold of the Bureau of Mineral Resources to an Editorial Panel. Graeme Philip became the fifth member through his office as President of the Association.

Membership to AAP is only via the Geological Society of Australia so a would-be subscriber has 3 alternatives:

1. Membership in Geol. Soc. Aust. (\$15) and AAP (\$10), receiving J. Geol. Soc. Austral., ALCHERINGA and nomen nudum ..... \$25
2. Associate membership in GSA (\$3) and full membership in AAP, receiving ALCHERINGA and nomen nudum ..... \$13
3. Subscription to ALCHERINGA, without membership (plus nomen nudum if requested) ..... \$15

Applications should be made through the Secretary, Geological Society of Australia, Gemmology House, 24 Wentworth Avenue, Sydney, N.S.W. 2010. The prices quoted are in Australian dollars, of course.

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### INTERNATIONAL MEETINGS

We are not about to repeat a listing of meetings listed in previous newsletters, particularly since ICP General Circular No. 6 has also listed them. ICP circulars are a very good source of meetings information. If you are one of those fortunates who can participate in meetings whether they be in Moscow or Timbuktu, you should secure a copy by writing to:

Dr. Marjorie D. Muir, Secretary, ICP  
Geology Department  
Royal School of Mines  
Prince Consort Road  
London, England SW7 2BP

The rest of us must resign ourselves to hoping Colin McGregor will keep us informed.

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### LSU 8TH PALYNOLOGY SHORT COURSE

George Hart has organized another palynology short course that this time is definitely going to be limited to 30 persons. The course will run five days, May 19-23, 1975, is very biostratigraphically oriented, and costs \$250. Bill Sarjeant will give the course which is entitled "Taxonomy, Biostratigraphy and Paleoecology of Middle and Upper Jurassic Dinoflagellates". This should assure Don's Seafood Restaurant of a healthy profit for the week. Wish we could contribute to that profit.

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## FLOWER POWER

In case you missed it, there is an extremely well illustrated paper by Vaughn Bryant and Glenna Williams-Dean on coprapalynology in the January, 1975, issue of Scientific American. We have mentioned their work before, with some tongue-in-cheek humor about their source material. Our humor is now mixed with admiration for their patience and dedication.

Jim Schoenwetter has some papers in somewhat the same vein that were published in obscure places. He thought they might be of interest to some members and has sent us this list:

- 1973. Archaeological Pollen Analysis of Sediment Samples from Asto Village Sites. In: D. Lavallee and M. Julien, Les Etablissements Asto a L'Epoque Prehispanique. TRAVAUX DE L'INSTITUT FRANCAIS D'ETUDES ANDINES, Tome XV. Recherche interdisciplinaire sur les populations andines (Project A.C.L.), Vol. 1. Lima.
- 1974. Pollen Records of Guila Naqitz Cave. AMERICAN ANTIQUITY, vol. 39, No. 2, pp. 292-303.
- 1974. Pollen Analysis of Human Paleofeces from Upper Salts Cave. ARCHAEOLOGY OF THE MAMMOTH CAVE AREA, Chapter 6, pp. 49-58.
- 1974. Pollen Analysis of Sediments from Salts Cave Vestibule. ARCHAEOLOGY OF THE MAMMOTH CAVE AREA, Chapter 13, pp. 97-105.
- 1975. Pollen-Analytical Results, Part I. In: LATE PLEISTOCENE ENVIRONMENTS OF THE SOUTHERN HIGH PLAINS (edited by F. Wendorf and J. J. Hester), Fort Burgwin Research Center No. 9, pp. 103-120.
- 1975. Discussion of the Pollen-Analytical Evidence. In: LATE PLEISTOCENE ENVIRONMENTS OF THE SOUTHERN HIGH PLAINS, Fort Burgwin Research Center No. 9, pp. 149-178. (Frank Oldfield, Senior Author.)
- 1975. Pollen Analytical Procedures and Methods of Presentation. In: LATE PLEISTOCENE ENVIRONMENTS OF THE SOUTHERN HIGH PLAINS, Fort Burgwin Research Center No. 9, pp. 97-102. (Loren Potter, Senior Author.)

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# MAGIC FORMULA TO MAKE

## AN ENEMY PEACEFUL

Put your feet down with pollen.  
Put your hands down with pollen.  
Put your head down with pollen.  
Then your feet are pollen;  
Your hands are pollen;  
Your body is pollen;  
Your mind is pollen;  
Your voice is pollen.  
The trail is beautiful.  
Be still.

Navajo (via Norris)

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## NEW MEMBERS

AASP is pleased to welcome the following new members:

Croxton, Catherine, The Geological Survey of Greenland, Ostervoldgade  
10, DK-1350 Copenhagen K, Denmark. Tel. 11-88-66

Diez, Maria del Carmen R., Instituto de Investigaciones Palinologicas,  
Apartado Postal 244, Leon, Spain. Tel. (987) 21-40-90

Eaton, Geoffrey L., BP Petroleum Development Ltd., Farburn Industrial  
Estate, Dyce, Aberdeen, Scotland AB2 0PB

Evans, Anthony M., SEPE/31 Shell U.K. Exploration and Production  
Ltd., Shell Centre, London, England SE1 7NA. Tel. 01-934-2197

Gish, Jannifer Wyatt, 4250 North Bush Highway, Nesa, Arizona 85205

Green, David G., Biology Department, Dalhousie University, Halifax,  
Nova Scotia, Canada B3H 4J1. Tel. (902) 424-2351

Jain, Raj K., 12889 W. 20th Avenue, Golden, Colorado 80461. Tel.  
238-8051

Kremp, Kyoko N., Botany Department, Arizona State University, Tempe,  
Arizona 85281. Tel. (602) 966-9942



Kumar, Arun, Geology Department, Michigan State University, East  
Lansing, Michigan 48824. Tel. 355-4639

Mason, David, Chevron Oil Field Research Company, P. O. Box 446,  
La Habra, California 90631. Tel. (213) 691-2241

Moag, Reon P., Union Oil of California, Research Center, P. O. Box 76,  
Brea, California 92621. Tel. (714) 528-7201.

Nicos, Ioannides, Esso Production Research European, 213 Cours  
Victor Hugo, 33-321 Begles, France. Tel. (56) 90-92-10

Pohowsky, Robert A., Shell U.K. Exploration and Production Ltd.,  
SEPE 31, Shell Centre, London, England SE1 7NA. Tel. 01-934-5759.

Taugourdeau, Josette, 5 Villa Murat, Paris, France 75016. Tel.  
288-68-38

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## DIRECTORY CHANGES

Please enter the following changes in your 1974-1975 membership directory:

Beach, Terry L., Chevron Oil Field Research Company, P. O. Box 446,  
La Habra, California 90631. Tel. (213) 691-2241, Ext. 2230

Camfield, Martha, Geological Survey of Canada, 601 Booth Street,  
Ottawa, Ontario, Canada K1A 0E8

Cramer y Diez, Fritz H., Investigaciones Palinologicas, Apartado  
Postal 244, Leon, Spain. Tel. (987) 21-40-90.

Drugg, Change Corporation to Company.

Dunay, Robert E., Mobil Oil Corporation, Stratigraphic Laboratory -  
ESC, P. O. Box 900, Dallas, Texas 75221. Tel. (214) 638-7700

Fullem, Bruce, 4330 Bull Creek, Apt. 136, Austin, Texas 78731

Good, Charles W., The Ohio State University, Lima Campus, 4300  
Campus Drive, Lima, Ohio 45084. Tel. (419) 228-2641

Gunther, Paul R., Geological Survey of Canada, I.S.P.G., 3303 33rd  
St. N.W., Calgary, Alberta, Canada T2L 2A7. Tel. (403) 284-0397

Hall, Stephen A., Department of Geology, Northern Illinois Univer-  
sity, DeKalb, Illinois 60115

Lentin, Judith K., Ju-Len Enterprises, 804 Canterbury Drive, Calgary,  
Alberta, Canada (No ZIP!)

May, Fred, U. S. Geological Survey, National Center Stop 971, Reston,  
Virginia 22097. Tel. (703) 860-6178

Noakes-Bujak, C. Ann, 2727 Hudnall Avenue, Apt. 215, Dallas, Texas  
75235. Tel. (214) 521-3746

Santos, Aymar da Silva, Petrobras, CENPES-DEPRO-SEZPLO, Ilha do  
Fundao, Bloc A, Quadra 7, Sala 715, Rio de Janeiro, Brazil

Srivastava, change Ext. 2245 to Ext. 2230

Winslow, Marcia R., 1161 Myrtle Lane, Deerfield, Illinois 60015.  
Tel. (312) 948-0355

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# REMEMBER

## NEWSLETTER ITEMS

### ARE WELCOMED

(but Navajo poems from Norris!!)

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(Items for next Newsletter need to be received by June 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

Name \_\_\_\_\_

Field Trip to Recent Environments

will attend? yes ☐ no ☐

preference? Tues. Oct. 28 ☐ or Sat Nov. 1 ☐

Upper Cretaceous-Lower Tertiary Samples

would like a set? yes ☐ no ☐

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3) Call for Contributed Papers (15 minutes presentation).

name \_\_\_\_\_

title \_\_\_\_\_

abstract \_\_\_\_\_

\_\_\_\_\_  
(type information on separate sheet; limit abstract to  
150 words or less).

Deadline for abstracts: June 15th; return to W. C. Elsik.

\_\_\_\_\_  
Thanks and regards,

*Bill*

W. C. Elsik

WCE:evw