NEWSLETTER

15 m

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

VOLUME: 7

MARCH, 1974

NUMBER 2

Richard L. Pierce, Editor Richard W. Hedlund, Ass't. Editor David J. McIntyre, Correspondent

Eloy Salas, Correspondent

PRESIDENT'S PAGE

It's time for the March AASP Newsletter, and that means I get to use the whole front page for the "President's Page" feature; that is, if Rick doesn't debit my account for the page and a half I took in the December Newsletter!

Now, down to business. You probably have just received (or very soon will receive) a parcel containing a copy of the AASP bylaws drawn up to conform with legal standards for incorporation, a copy of our Articles of Incorporation (already filed with the State of Texas), a cover letter from the Executive Committee, & a ballot for you to ratify or reject incorporation of AASP.

The members of both last year's and this year's Executive Committee have put in a lot of time and effort to insure that the interests and purposes for which AASP was founded have not been altered in the change from the present bylaws to the new document. Effectively, the Executive Committee is requesting a vote of the membership to ratify actions already taken to incorporate the American Association of Stratigraphic Palynologists, including the attendant changes in the bylaws. It goes without saying that the Executive Committee firmly believes that a vote in favor of incorporation is in the best interest of AASP.

That's enough about that topic here. It has been covered more fully in the letter you received with the ballot. Results of voting will, of course, be made known no later than the June Newsletter.

I didn't get a chance to say it in the December Newsletter, but I want to publicly thank Ken Piel, Harry Leffingwell and the other AASP members connected with arranging what I considered to be a very successful Anaheim Annual Meeting. One thing they had going for them was a very helpful hotel staff, and those of you who attended the Annual Luncheon and Business Meeting got a chance to meet them. Just before I left the meeting to return to Dallas, I stopped to see Miss Billee Gwynn, Assistant to the Director of Sales, to extend my personal thanks to her and the hotel staff. She said that AASP now had a commercial account with them and that any time an AASP member was staying in the area, the Grand Hotel's commercial rates would apply. So, if you're planning to visit Chevron Research, Union Research or even Disneyland with the family, you may be able to save a few dollars by staying at the Grand (address: One Hotel Way, Anaheim, California 92802; telephone: (714) 772-7777).

The Mid-Year Executive Committee Meeting is planned for Thursday and Friday, April 4 and 5. The meeting will be convened in the Palliser Hotel, Calgary, and, since our Seventh Annual Meeting will be held there too, it will afford the members of the Executive Committee a chance to give the hotel's facilities a first-hand inspection. All AASP members are welcome to attend these Executive Committee sessions. A tentative agenda follows. If you have any item you wish the Executive Committee to consider, please contact the secretary, Herb Sullivan, Amoco Canada Ltd., 444 7th Ave. S.W., Calgary, Alberta, Canada T2POY2. His telephone number is (403) 267-0605.

Robert T. Clarke

TENTATIVE AGENDA, MID-YEAR

EXECUTIVE COMMITTEE MEETING

- 1. Approval of Executive Committee Minutes, Anaheim Annual Meeting.
- 2. Membership Report.
- 3. Treasurer's Report.
- 4. Editorial Report.
- 5. Annual Meeting Discussions:
 - a. 1973 final report.
 - b. 1974, Calgary.
 - c. 1975, Houston.
 - d. 1976, Halifax.
 - e. 1977, Tulsa.
- 6. Old Business.
 - a. Report on International Affairs.
 - b. Financial Development Report.
 - c. Incorporation of Society.

- d. JCPI Report.
- e. Report of International Palynological Commission (IPC).
- f. Other old business.
- 7. New Business

REPORTS AND GUIDELINES FOR ANNUAL MEETING COMMITTEES

PREPARED BY H. A. LEFFINGWELL AND D. W. ENGELHARDT

The purpose of this notice is to establish an orderly and consistent standard for annual meeting site selection, and to advise the membership of the guidelines and reports necessary for nominating annual meeting sites and for planning annual meetings. These recommendations are submitted to the Executive Committee, and are divided into three parts:

(1) Procedures for nominating a meeting site, (2) Factors to be considered by the Executive Committee in designating a meeting site, and (3) Post-selection reports and procedures.

NOMINATING OF MEETING SITES

- I. A meeting site will be selected by the Executive Committee for the Annual Meeting to be held three years subsequent to the year of their tenure. The selection will be made at the annual meeting by the outgoing Executive, after which they will also designate a Local Committee Chairman (or Co-Chairman).
- II. Prior to submitting an invitation for an annual meeting site, a member should write the Secretary for copies of the Annual Meeting file to familiarize himself with the organization of past meetings. The member should also determine the number of palynologists willing to work on the Local Annual Meeting Committee.
- III. The nomination for annual meeting site should be mailed to the Secretary-Treasurer, with copies to each member of the Executive Committee at least one month prior to the Annual Meeting in which the appropriate site selection will be determined. The nomination should include:
 - A. Number of palynologists willing to serve on Local Committee.
 - B. Description of facilities for technical sessions (eg. proposed site, room size, ceiling height, screen visibility, etc.).

- C. Description of housing facilities (eg. proximity to technical sessions, etc.).
- D. Field trip excursion possibilities.
- E. Availability of transportation of meeting sites (proximity to major airport, and available transportation from airport).
- F. Special themes, special programs, or other innovations (if any).
- G. Other factors considered advantageous (major points of interest, etc.).
- H. Estimate of registration fee based on major expenses at proposed site, records of previous meetings, and availability of institutional or company assistance for typing, printing, mailings, etc.

FACTORS TO BE CONSIDERED BY THE EXECUTIVE COMMITTEE

- 1. Accessibility of proposed site, i.e., is it on major air routes; in another country (e.g. some object to leaving the U.S.).
- 2. Are there adequate palynologists in the vicinity.
- 3. Enthusiasm of organizers.
- 4. Proximity to previous and subsequent sites (keeping balance across the continent).
- 5. Adequacy of physical facilities, etc.
- 6. Suitability of environment university campus or hotel, size of town, entertainment, potential for field trips.
- 7. Financial considerations cost of accommodation, low-cost accommodation for students, total registration fee, etc.

POST SELECTION REPORTS

Comprehensive written reports are satisfactory, except at the Annual Meeting 12 months prior, when an oral presentation by the Local Program Committee Chairman is requested as well. Copies of written reports should be submitted to all members of the Executive Committee one month prior to the Executive Committee meeting date. Although the first written report is not due until 19 months prior to the Annual Meeting, site selection is made 3 years in advance to give the Local Committee sufficient time to make commitments with hotels and/or universities.

Mid-Year Executive Meeting - 18 months prior

- A. Initial financial estimate
 - 1. Registration
 - 2. Technical Meeting expenses
 - 3. Field trip expenses
- B. Description of facilities for technical sessions, booking status and room costs.
- C. Field trip excursion possibilities.
- D. Availability of transportation to meeting site.
- E. Status of special themes, special programs or other innovations.
- F. Membership of Local Committee
- G. Submission of list of invited speakers and/or distinguished lecturers (in Executive Session). Committee to discuss only individual's merits for this AASP honor, not topic selection.
- H. Notification of journals and secretaries of other palynological societies.

Annual Meeting - 12 months prior

- A. Detailed financial report to include estimates of
 - 1. Registration fee
 - 2. Technical meeting expenses
 - a) Program and ticketing.
 - b) Abstracts
 - c) Mailings
 - d) Banquet
 - e) Smoker
 - f) Lodging
 - q) Miscellaneous costs

- 3. Field trip costs
 - a) Leader fee
 - b) Guidebook
 - c) Lodging
 - d) Bus
- B. Calendar of forthcoming deadlines (eg. call for papers, call for abstracts, pre-registration).
- C. Calendar of events.
- D. Field trip plans and status.
- E. Details of planned excursions or other extra events.
- F. Workshop, seminar or other special programs.

February 15 - Prior to meeting

Submission of Meeting Announcements to AASP Newsletter.

Mid-Year Executive Meeting - 6 months prior

- A. Final financial projection.
- B. Status of invited speakers.
- C. Review of all arrangements (technical meetings, banquet, field trips, special events, etc.)

Annual Executive Committee - at meeting site (old committee)

Discuss any problems of meeting arrangements.

November 15 after meeting

- A. Final financial statement to Treasurer.
- B. Post-mortem commentary to Secretary to include
 - 1. Detailed financial statement of various functions.
 - 2. Number of attendees to various functions (technical sessions, field trips, special events):

- (i) students
- (ii) members
- (iii) family of members
- C. Other data considered pertinent by Local Committee for future meeting planning.

OTHER REQUIREMENTS

Necessary monetary advances should be requested from the Executive Committee, either at the appropriate Mid-Year or Annual Meeting.

SEVENTH ANNUAL MEETING - 1974

The SEVENTH ANNUAL MEETING of AASP, Inc., will be held in the Palliser Hotel, Calgary, Alberta, Canada, October 16th-19th, 1974. Technical Sessions on Thursday and Friday, October 17th and 18th, will be preceded by an all-day field trip into the foothills and mountains west of Calgary on Wednesday, October 16th. The post-technical session field trip will be to Drumheller, Saturday, October 19th, offering an opportunity to view the famous dinosaur beds and collect near the Campanian-Maastrichtian boundary.

In addition, the Calgary Meeting will feature:

An Informal Cash Bar on Wednesday, October 16th, following the Banff Trip:

A "Whoop-Up" in the Palliser Penthouse, Thursday evening, October 17th;

The annual Luncheon and Business Meeting, Friday Noon, October 18th;

A Whopping "Stampede Breakfast", early Saturday morning, October 19th, for those wishing to attend.

The FACILITIES of the Palliser Hotel, its proximity to good restaurants, other hotels, nightlife, industry offices, and its interconnection with speciality shops and other attractions of Palliser Square, including the famous Calgary Tower, make it an attractive site for the AASP meeting.

TRANSPORTATION to Calgary by air includes Canadian Pacific and Air Canada flights from within Canada from Halifax, Montreal, Ottawa, Toronto, Winnipeg,

and Vancouver. Airline flights from the United States connect with Canadian flights from these centers. Direct service from the United States to Calgary includes flights from San Francisco, Salt Lake City and Denver. Other flights within the United States connect or form part of these routes. Recent bilateral agreements promise augmentation of these services, but details have not yet been settled. Airporter service is provided from Calgary International Airport direct to the Palliser Hotel, about a 15 minute ride.

CALGARY'S SETTING is especially conducive to an interesting meeting. The city is situated just east of the Foothills Belt, and about 40 miles east of the Front Ranges of the Rocky Mountains. To the east of the city lie the rolling, descending high plains; to the north lies the Alberta parkland region. Calgary and southern Alberta are rich in the history of the old Canadian west. One hundred years ago in the summer of 1874, the Royal Northwest Mounted Police entered Fort Whoop-Up and ended the illegal whiskey trade. The RCMP are celebrating their centennial in 1974. Calgary's Glenbow Museum is a unique repository of their history and of the history of the Old West. It is located within 10 minutes walk of the Palliser. Added to this are the nearness of the world-famous resorts of Banff and Jasper. It's a little early for skiing, but many of the varied camping facilities are still open in mid-October. October in the mountains is one of the most beautiful times of the year: snow-capped peaks; crisp air; few people, and teeming wildlife.

TECHNICAL SESSIONS will be held on Thursday and Friday, October 17th and 18th. Several themes will be pursued: Palynology of the Arctic; the "Top Twenty" palynomorphs from Various geologic time intervals. In addition, ICP Working Group P3 (Palynologic Correlation Close to the Jurassic/Cretaceous Period Boundary), chaired by Dr. Stanley Pocock, has tentatively scheduled four to six invited papers on the topic. Contributed papers on this topic are also welcomed. Including the tentative ICP papers, there will be space for about 33 contributed papers.

INVITED SPEAKERS include D. COLIN MCGREGOR, who will speak on Arctic Devonian Palynology; DR. K. PYROZYNSKI, who will talk about fungal spore morphology and its role in the taxonomy of fossil fungal spores; and a keynote address in two parts given by DRS. HANS TRETTIN AND HUGH BALKWILL on the Geologic History and Setting of the Canadian Arctic. This address will serve to introduce the technical sessions and the Arctic Palynology Session.

REGISTRATION FEES have been set at \$20.00 for AASP Members and \$10.00 for AASP Student Members. (Inflation catches up even with scientific societies!) Field Trip costs are estimated at between \$12 and \$15 for each trip. The Saturday Stampede Breakfast is \$4.00 for a spread that includes eggs, bacon, sausages, griddle cakes, hash browns, and trimmings.

CALGARY MEETING DEADLINES

The 7th Annual Meeting Committee has established the following "deadlines" for the 1974 Meeting:

MARCH 20th: The first call for contributed papers will be issued.

The second notice of the 1974 Meeting will be distributed JUNE 15th:

to all members. Submission of TITLES and a BRIEF SUMMARY of contributed papers should be in to W. W. Brideaux by

this date.

Those authors interested in presenting papers at the JULY 4th:

meeting who have submitted TITLES and SUMMARY will be

sent further information on facilities, etc.

JULY 25th: A third notice of the 7th annual meeting will be circulated

to all members.

AUGUST 1st: DEADLINE FOR ABSTRACTS and relevant details regarding

technical papers (to be submitted to W. W. Brideaux).

FINAL NOTICE TO BE MAILED. AUGUST 15th:

SEPT. 15th: Deadline for assured hotel reservations and spaces on Field

Trips, Stampede Breakfast.

DEC. 1st: Deadline for Submission of manuscripts for Proceedings of

Seventh Annual Meeting.

DEC. 21st: DEADLINE FOR LETTERS TO SANTA.

Additional details or queries should be addressed to:

or

Dr. L. V. Hills, Dept. of Geology, University of Calgary,

Calgary Alberta, T2N 0Z7

Dr. W. W. Brideaux, Institute of Sedimentary & Petroleum Geology, 3303-33rd St NW, Calgary, Alberta,

T2L 2A7

DR. JAMES M. SCHOPF RECEIVES THE GILBERT H. CADY AWARD

The Gilbert H. Cady Award, which is presented biennially by the Coal Geology Division of The Geological Society of America, was awarded to Dr. James M. Schopf at the Society's meeting in Dallas, Texas, on Nov. 13, 1973. The award citation reads as follows:

"The Gilbert H. Cady Award is presented to James M. Schopf in recognition of his many contributions in several fields of coal geology during a span of nearly 40 years. These have included outstanding, fundamental contributions to paleobotany (including palynology), coal petrography, coal classification, coal origin and metamorphism, and his studies of the organic constituents in sediments.

"In addition to publishing many scientific contributions, Dr. Schopf has been active in many national and international organizations and activities advancing the field of coal geology. Through his leadership, particularly during the years when coal geology did not, perhaps, have the stature that it merited, the field of coal geology has made much progress."

Congratulations, Jim, and our best wishes for many more productive years.

DATA SHARING ON QUATERNARY PALYNOLOGY

Tom Webb and Jock McAndrews are currently compiling a file of all samples of modern pollen in sediments (lake muds, moss polsters, soil materials) from North America. They already have over 900 samples on punch cards and are willing to share these data with anyone willing to share his or her data with them. Webb and McAndrews are also compiling files of the pollen counts from radiocarbon-dated long cores of late Pleistocene and Holocene age. Again, they are ready to share these data with anyone willing to contribute his or her own data. They are beginning now to gather soil, vegetation, and climatic data to complement the data on modern pollen. These data files should greatly facilitate computer-assisted interpretation of Quaternary pollen samples. Send any requests to Dr. Thompson Webb, III, Department of Geological Sciences, Brown University, Providence, Rhode Island, 02912 (USA); or to Dr. J. H. McAndrews, Department of Geology, Royal Ontario Museaum, 100 Queen's Park, Toronto, Canada, M5W 1A1.

Also, Tom Webb has been compiling and fusing together programs to handle the data and to analyze the data (e.g., programs to sort the data into files, to cluster the data or perform principal component analysis). He is willing to share these programs in exchange for data or other programs.

RECENT GEOLOGICAL SURVEY OF CANADA PUBLICATIONS

The GSC issues a monthly information circular which, perhaps, doesn't get as widely distributed as it should. The January, 1974, list included the following pertinent publications:

- GSC Paper 73-26. Palynology and nannofossil processing techniques, by M. S. Barss and G. L. Williams. 22 pp., illus., figs. (\$2.00).
- GSC Paper 73-42. Fossil dinoflagellates: Index to genera and species by J. K. Lentin and G. L. Williams. 176 pp. (\$2.00).
- GSC Open File Report 182. Palynology of an Upper Cretaceous Section, Horton River, District of MacKenzie, N.W.T.:

An unedited report on the microfloral assemblages, ages and zonation in an Upper Cretaceous section from the Horton River, District of Franklin, Northwest Territories, by D. J. McIntyre. The report includes 16 pages of text and 24 plates. It is based on the study of 89 Upper Cretaceous samples of the Horton River section which were made available to Chevron Standard Limited, Calgary, in 1969 as part of a Geological Survey of Canada co-operative research project.

Copies may be obtained at the user's expense by application to Riley's Data Share International Limited, 631 - 8th Avenue, Calgary T2P OW9, Alberta.

The 73-26 and 73-42 papers may be secured from the following GSC offices:

601 Booth Street Ottawa K1A OE8;

Institute of Sedimentary and Petroleum Geology, 3303 - 33rd St. N.W., Calgary T2L 2A7, Alberta;

British Columbia Office, 100 West Pender Street, Vancouver 3, B.C.

If you write to any of these offices, ask to be placed on the mailing list for the GSC Monthly Information Circular.

INTERNATIONAL COMMISSION FOR PALYNOLOGY CIRCULARS

ICP Circulars from N. F. Hughes and M. D. Muir have a limited distribution. In the U.S. and Canada they are presently being sent to:

Bob Clarke, Gerhard Kremp, Harry Leffingwell, Geoff Norris, Bob Tschudy, Jan Jansonius, Colin McGregor and Tom Taylor.

A request to any of these gentlemen would probably get you a copy.

SOMETHING FOR EVERYONE FROM THE ECOL. SOC. AM. BULL.

The "Marine Flora and Fauna of the Northeastern United States," a series of original, illustrated manuals on the identification, classification, and general biology of the coastal marine plants and animals of the northeastern United States, is being published by the National Marine Fisheries Service, Oceanic and Atmospheric Administration, as "NOAA Technical Report NMFS CIRCULARS".

Manuals are being prepared in collaboration with systematists from the United States and abroad. To date seventy-five specialists are working on various groups. The first manual to appear in print was "Annelida: Oligochaeta" by Drs. D. G. Cook and R. O. Brinkhurst. Others include "Protozoa: Ciliophora" by Dr. A. C. Borror, and "Higher Plants of the Marine Fringe of Southern New England" by Dr. E. T. Moul. Three additional manuals are in press, and two more are being revised. Manuals are available from the Superintendent of Documents, U. S. Government Printing Office, Washington, D.C. 20402. Price of the first manual is thirty-five cents.

Preparation of the manuals is being coordinated by Dr. M. R. Carriker, Marine Biological Laboratory, Woods Hole, Mass.

PROCEEDINGS OF THE THIRD INTERNATIONAL PALYNOLOGICAL CONFERENCE

Geoff Norris has requested that the Newsletter announce the availability of the Proceedings of the Third International Conference. The Newsletter is happy to do this but has been unable to come up with any information on from whom copies may be secured, how much they cost, where they were published, number of volumes or what they contain. Can anyone solve the mystery of the mislaid specifics? Referring us to the Red Banner of Labour Geological Institute won't cut the mustard. Got that Geoff?

NEITHER RAIN NOR SLEET - - - - - - - - - -

Without going too deeply into the whys and wherefores, it is recommended that items such as manuscripts be registered when sent through the U.S. or Canadian mail. It costs \$1.10 to send a piece of mail with a return receipt request. The protection offered against loss and the ease of tracing in case of loss are well worth the expenditure. And the psychological comfort for both the sender and recipient is fantastic.

JOBS

The Newsletter will be more than happy to publish items related to the nitty-gritty of life -- announcements of job-openings, consultants and their services, employment requests, etc.-- from members. The following members have told us they want it known that they are job-hunting:

Edward R. Meyer - Ed is a Quaternary palynologist and palcoecologist with AB, MS and PhD degrees. He has a broad background in the biological sciences and Quaternary geology. He is presently an assistant professor in the Department of Biology, Virginia Commonwealth University, Richmond, Virginia, 23284, and is looking for either an academic or industrial position by summer or fall of this year. His vita can be obtained from him by a request directed to his academic address.

Eddie B. Robertson - This Ed is a graduate student in the Botany

Department at the University of Minnesota who expects to finish his
PhD this spring. His master's thesis was on the palynology of the
Hell Creek Fm. in North Dakota and Montana. His PhD thesis is on
the palynology of the Paleocene in the Williston basin. Additional
information can be secured by writing to Ed at the Dept. of Botany,
220 Biological Science Center, University of Minnesota, St. Paul,
Minn. 55101.

In addition, Jan Jansonius has asked us to publish this note:

Prof. F. P. Jonker (Laboratory of Paleobotany and Palynology, Univ. Heidelberglaan 2, De Uithof, Utrecht, Netherlands) writes that several of his students are about to finish their M. Sc. or PhD program in palynology (Devonian of Ireland; Permian, Triassic, or Jurassic of alpine Europe). In addition they received a thorough training in stratigraphy and geology under Prof. C. W. Drooger. He would like to be informed about career opportunities in North America.

NEW MEMBERS

- AASP is pleased to welcome the following new members:
- ALLEN, LYNN O., Paleoservices Ltd., Paramount Industrial Estate, Sandown Road, Watford, WD2 4XA, England
- BEJU, DAN, 3206 Fairfield Ave., New York, N.Y., 10463
- BERTI, ALBERT A., 103 2020 Urquhart Rd. N.W., Calgary, Alberta, Canada T2N 4C5
- CHADWICK, ARTHUR V., 10709 Desert Lawn Dr., Calimesa, Calif., 92320
- CLARK, DAVID F., Bedford Institute of Oceanography, Dartmouth, Nova Scotia, Canada
- DE BORD, PHILLIP L., 121 Montrose, Hemet, Calif., 92343. Tel. 714-658-9866
- GASTON, LARRY R., 425 Idaho Ave., Apt. 2, Santa Monica, Calif., 90403
- HASKELL, THOMAS R., Robertson Research (N.Am.) Ltd., 91 Ochterloney St., Dartmouth, Nova Scotia, Canada
- HOYER, PETER W., 466 Spadina Ave., Apt. 2, Toronto, Ontario, Canada M5T 2G8
- MORGAN, ROGER, 18 Arizona Trace, Glenalta, South Australia, 5052
- REED, RUTH A., T.H. 206 1305 Glenmore Tr. S.W., Calgary, Alberta, Canada
- SULEK, JOHN A., Imperial Oil Ltd., 339 50 Avenue S.E., Calgary, Alberta, Canada T2G 2B3
- VENTRESS, WILLIAM P.S., Room 800 Chevron Oil Company, 1111 Tulane Avenue, New Orleans, La., 70112
- WEIR, GLENDON H., 700 Dominik St., Apt. 2503, College Station, Texas, 77840. Tel. 713-693-4071
- Many membership applications are being submitted on an old form that had no space for a telephone number. A copy of the new form is attached to this newsletter. Please use it.

DIRECTORY CHANGES

Brock, Sheila D., to Hanes, S. D.

Davey, Roger J., Institute of Geological Sciences, Ring Road Halton, Leeds, England, LS15 8TQ

Dod, Bruce D., Tel. 601-442-8730

Filatoff, John, Western Australian Petroleum PTY, Ltd., P.O. Box C1580, GPO, Perth, Western Australia, 6001

Griggs, Peter H., Texaco Inc., P. O. Box 36650, Houston, Texas 77036

Jenkins, W. A. M., Geological Survey of Canada, Atlantic Geoscience Centre, P. O. Box 1006, Dartmouth, Nova Scotia, Canada

McIntyre, David J., Union Oil Company of Canada, Ltd., 335 8th Avenue SW, Box 999, Calgary, Alberta, Canada, T2P 2K6. Tel. 403-268-0176

For those of you who may have had trouble tracking down an address for John Rowley, here it is:

Professor John Rowley Stockholms Universitet Wallenberglaboratoriet Lilla Frescati S-104-05 Stockholm 50, Sweden

REMEMBER NEWSLETTER ITEMS ARE ALWAYS WELCOMED.
