

N E W S L E T T E R

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FIRST ANNUAL MEETING ACCLAIMED SUCCESS

Interesting and stimulating papers, outstanding guest speakers, pleasant accommodations, good fellowship, a most gracious host and even excellent weather combined to make the First Annual A.A.S.P. Meeting held on the beautiful Louisiana State University campus a memorable success. The 83 registrants were treated to a broad spectrum of palynological information and talent. Topics covered by the speakers ranged from stratigraphic, morphologic and ecologic discussions on acritarchs, chitinozoans, dinoflagellates, pollen, and spores to the use of computers, archeological palynology, analysis of minute objects from meteorites, miospore polarity and evolution.

The first day of the meeting was devoted primarily to the guest speakers, and following the welcoming remarks of the chancellor of L.S.U. and of Paul W. Nygreen, President of A.A.S.P., Dr. D. C. McGregor, Vice-president of A.A.S.P. and Program Chairman, introduced the first guest speaker, Dr. W. A. M. Jenkins, who spoke enthusiastically and informatively on *Chitinozoa*. Dr. G. F. Hart discussed at length the distribution and characteristics of Permian microfloras, and his presentation was followed by a paper on *Quaternary Palynology* by Dr. Joan Terasmae. The last talk of the day, by Dr. W. R. Evitt, summarized the current status and recent developments in fossil and recent dinoflagellates.

The annual A.A.S.P. business meeting began the second day's proceedings, at which time officer and committee reports were presented and the Association's officers for 1969 were introduced. Dr. William Chaloner's talk on the development and migration of germinal structures on miospores through geologic time was one of the highlights of the meeting. Papers by the membership added materially to the success of the meeting.

To Dr. George F. Hart, particularly, to Dr. William Chaloner, to Louisiana State University, and to all of you, the members of A.A.S.P., who helped make our First Annual Meeting a stimulating and successful event, the Executive Committee expresses its heartfelt appreciation and admiration.

Following the Annual Meeting the A.A.S.P. Executive Committee convened to discuss the business of the Association. The following committees were

concern of an active membership; this is the motivating force of the Association. For this reason, I urge continued and increased participation by each of you in Association affairs. Direct comments, suggestions and criticisms to members of your Executive Committee. Submit items of interest to your Newsletter. Encourage individuals and institutions to join our ranks. And, plan now to participate in our second Annual Meeting next October. We have a good organization dedicated to serving the science and the profession. Let's make it a great one!

Charles F. Upshaw

PENN STATE - HERE WE COME!!!

Plans are underway for the Second Annual Meeting of the American Association of Stratigraphic Palynologists to be held on the campus of The Pennsylvania State University, University Park, Pennsylvania, October 19-22, 1969. Registration is scheduled for the evening of October 19, Technical Sessions on October 20-21 and a field trip to be lead by Eugene Williams on October 22.

George Fournier, Vice-president of A.A.S.P. and Program Chairman has arranged for some outstanding guest speakers. A.A.S.P. members interested in participating in the program are asked to submit titles and a brief statement about the subject of the paper as soon as possible to the Program Chairman. Abstract forms will be distributed following the selection of titles. Presentation time will be limited to 15 minutes. Details concerning the guest speakers, registration and accomodation arrangements, field trip plans, etc., will be announced later. In the meantime, be thinking about your contribution to the program and about your plans to attend the Second Annual Meeting at Penn State.

P.S. -- George's address is: George R. Fournier, Gulf Research & Development Company, 3820 Buffalo Speedway, Houston, Texas, 77006

NOTICE - 1969 DUE\$ ARE DUE NOW

DESIGNS DESIRED

HELP WANTED:

Up to 200 Emblem Committee volunteers. Work at home, short hours, terrible pay. Take out wages in satisfaction. Duties - serve on the Emblem Committee to gather ideas and sketches for an Association emblem. There is no policy to be followed in choosing a design. Of course, the Association's aims should be represented by some degree of symbolism, but the design should

SPORE-POLLEN QUESTIONNAIRE RESULTS

In late 1968, Robert B. Sanders (Pennsylvania State University) mailed questionnaires to A.A.S.P. members requesting their opinions on the compilation of palynologic data for a computer adaptation. Because the results of the survey are believed to be of interest to the A.A.S.P. membership, they are summarized below. Inclusion of these results, however, is solely for the benefit of A.A.S.P. members, and constitutes neither endorsement nor support of Dr. Sander's project by the A.A.S.P.

Results: Among members of the A.A.S.P., the areas of prime interest in decreasing order, are stratigraphy, ecology, taxonomy, and geography. Returns showed significant interest in all of the fields listed except processing. The following trends are noted.

Stratigraphy Approximately 60 percent of those returning questionnaires indicated a preference for the North American rather than the European standard section, with several noting the desirability of an undisputed international section, or use of both the European and North American standards as befits the case at hand.

Most workers desired detailed stratigraphic information, although few demanded data "to the inch". In general, Quaternary workers tended to desire more detailed data than pre-Quaternary palynologists.

Geographic Data were desired to the nearest 1/10 mile or mile by the majority of respondents, with more workers desiring detailed data than general data. The overwhelming majority favored the use of longitude and latitude for global reference with use of minutes and seconds being preferred about 4 to 1 over decimalization.

Taxonomic Data were desired equally to the generic and specific levels, with few workers interested in sub-specific units. It is considered significant that no one indicated interest in suprageneric units.

Lithologic Data were desired by 99 percent of the palynologists completing the questionnaire. The majority of whom wanted moderate to great detail.

Sampling Data were indicated of interest by a significant majority. Interest in the processing history of a sample, although not deemed of prime interest by many, varied greatly, the majority desiring moderate detail. Several workers noted interest only in the "critical processing data" such as the use of oxidizers, ultrasonics and the specific gravity of heavy liquids.

With regards to the extra-palynological paleontology of a unit, most palynologists were interested in complete paleontological, but especially paleobotanical, data to the specific level. On the other hand about 25 percent felt that zone index fossils would suffice.

Almost all of the palynologists responding noted considerable dependence upon published literature, citing moderate to constant use of foreign language literature, especially German and French. Almost all indicated that they would use more foreign literature if the language barrier could be circumvented.

- Monna Manes* and Bernard Shaffer
Palynological Analysis of Cretaceous Fecal Pellets.
- Sam L. VanLandingham
Environment of Deposition of an Early Diatomaceous
Deposit in Broadwater County, Montana, U.S.A.
- William C. Cornell
Silicoflagellates as Paleoenvironment Indicators in the
Modelo Formation (Miocene).
- Fritz H. Cramer
Possible Climate Dependability of Silurian Acritarchs.
- Satish K. Srivastava
Palynologic Paleoenvironment of the Edmonton Formation
(Maestrichtian), Alberta, Canada.
- William C. Elsik
An Evaluation of Engelhardtia in the Gulf Coast Tertiary.
- David A. Weinstein
Palynology of the San Sebastian Coal (oligocene) of
Puerto Rico.
- J. Terasme
Facts, Fiction, and Faith in Quaternary Palynology.
- * Speaker

BELGIUM ANYONE?

The 8th General Assembly Meeting of C.I.M.P. and General Meeting of the Subcommittee on Carboniferous Stratigraphy will meet in Liege, Belgium April 13-20, 1969. Pre - and post meeting excursions are planned as well as general sessions and work sessions during the meeting week. Persons desiring more information are asked to write to Dr. M. Streeel, Laboratoire de Paléontologie Végétale, 7 Place du Vingt Août, Liège, Belgique or Dr. Roger Neves, Secretary General, C.I.M.P., Department of Geology, University of Sheffield, Sheffield, England. A general outline of the program is:

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| First Day: | Opening session, Stratigraphic Palynology Report, Project Meetings |
| Second Day: | Laboratory Meetings, General Assembly |
| Third Day: | General Assembly, Work Group Meetings |
| Fourth Day: | Subcommittee for Carboniferous Stratigraphy Report, Work Group Meetings |

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Spore-pollen assemblages of the Upper Devonian of the Russian Platform and their stratigraphic significance. Trudy Inst. Geol. Nauk, Akad. Nauk S.S.S.R., 143 (Geol. Ser. 60), 204 pp.
- NEUSTADT, M. I., 1960
Palynology in the U.S.S.R., history and bibliography. Akad. Nauk S.S.S.R., Moscow, 272 pp. Translation of pp. 1-46 only.
- PAVLOV, V. V., 1958
Results of the palynological analysis of samples from the sedimentary-volcanic Beacon Series (Antarctica, King George V Coast, Horn Bluff). Information Bull. Paleontol. & Biostratig., Sci. Research Inst. Geol. Arctic. Leningrad, No. 12, pp.
- RASKATOVA, L. G., 1966
Spore complexes of the Middle Devonian deposits of the southeastern part of the Central Devonian Field. The Importance of Palynological Analysis for the Stratigraphic and Paleofloristic Investigations, 2-d International Palynological Conference: 54-59.
- SENNOVA, V. F., 1965
Index spore assemblages in the Upper Devonian of Timan-Pechora Province and the Bol'shezemel'skaya Tundra. Dokl. Acad. Sci. U.S.S.R., vol. 163, No. 1, pp. 175-178.
- SOROKINA, N. A., 1966
New species of spores from the Upper Devonian deposits of Dniepr-Donets Basin. Akad. Nauk Ukrain. R.S.R., Vid. Nauk pro Zem. Kosmos, Geol. Zhur., 26(6): 49-63.
- TILINA-STANICHNIKOVA, M. S., 1965
Discovery of Devonian spores in deposits beneath the faunally characterized Devonian in some regions of Second Baku. Palaeophytological Symposium, Moscow, "Nedra", 1965: 47-52.
- TUZOVA, L. S., 1959
Stratigraphic significance of spores and pollen of the Devonian of eastern Tartary. Acad. Sci. USSR, Kazan Branch Ser. Geol. Sci., vol. 7, pp. 97-181.
- VAITIEKUNIENE, G., 1966
On Spore Complexes of the Sesuvis Suite in the section of the Stoniskiai Bore-hole. Institute of Geology, Vilnius: Palynology in Geological Research in the Baltic Soviet Republics, : 15-19. Riga, "Zinatne".
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Spore assemblages of the Stonishk'ay, Sh'ashuvis, and Viesite Formations of Lithuania. Voprosy Stratig. i Paleogeogr. Devona Pribaltiki, Inst. Geol. Gosgeolkom. S.S.S.R. (Vilnius): 42-45.