

*Journal of Paleontology*

## NEWSLETTER

### THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

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Richard W. Hedlund, Editor  
Charles F. Upshaw, Asst. Editor

Eloy Salas, Correspondent  
Len V. Hills, Correspondent

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### FOURTH ANNUAL MEETING, TUCSON-1971

The Hilton Inn in Tucson, Arizona was the site of the Fourth Annual Meeting of the A.A.S.P. The 105 registrants included palynologists from Canada, the United States, Japan, Taiwan, Brazil, Egypt, Israel, France, Sweden and the Netherlands. The excellent program, including outstanding papers, stimulating field trips, and gracious hosts all contributed toward a successful Fourth Annual Meeting. Subjects discussed by the speakers included biostratigraphic, ecologic, morphologic, statistical and computerization of palynologic studies from the Precambrian to Recent.

A pre-convention round-table conference on the Computerization of Palynology was held on October 13. All speakers stressed the need for international cooperation in this field and the beginning of an International Palynologic Data Bank Consortium was established.

The first day of the Annual Meeting included technical sessions on Cretaceous and Tertiary floras. The Annual Business Meeting and Luncheon of the Association was held from 12:00 to 2:00 P.M., presided over by Alfred Traverse, President of the A.A.S.P. Committee reports were presented to the Membership, followed by discussions from the floor. An interesting evening tour of the Geosciences Building "on the hill" followed the presentation of papers.

The second day of the Meeting was devoted to Quaternary and pre-Cretaceous palynology. The annual "smoker" of the A.A.S.P. was held around the pool of the Hilton Inn and included a "break" by the resident band and entertainer.

Two post-convention field trips were held following the Meeting on Saturday and Sunday, October 16 and 17. One examined the Lehner early man-mammoth site on October 16, led by P. S. Martin, A. Solomon, E. Haury and J. E. King. The second trip, led by R. H. Hevly, D. Schumacher, and G. O. W. Kremp, left on October 16 and lasted two days. This excursion included the Petrified Forest National Park and Meteor Crater.

The appreciation of the Executive Committee of the A.A.S.P. is extended to all who helped to make our Fourth Annual Meeting a rewarding experience. We especially thank Donald W. Engelhardt, Gerhard O. W. Kremp, Terah L. Smiley, Lois A. Nagy and Paul S. Martin who organized the Meeting; the members of the University of Arizona faculty, staff and graduate students, and the Tucson Chamber of Commerce who generously supported and aided the conduct of the Meeting; and the Members of the A.A.S.P., whose participation added materially to the success of the Meeting.

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## EXECUTIVE COMMITTEE MEETINGS

The Executive Committee Meetings of the A.A.S.P. were held on October 12 and 14, 1971. The following is a summary of the actions taken during these meetings:

1. Accepted the Treasurer's Report which stated assets of \$4,048.79 before payment for Proceedings Volume II.
2. Approved payment (\$1,882.40) to L.S.U. for copies of Proceedings Volume II.
3. Accepted Membership Report which listed 287 Members and 4 Institutional Members.
4. Accepted the Editor's Report.
5. Approved that we continue to publish our Proceedings through L.S.U. as long as quality is maintained and costs remain at a reasonable level.
6. Adopted (effective October 8, 1971) Constitution and By-laws as approved by vote of the members, 163 for to 6 against.
7. Approved Tulsa, Oklahoma, as the mid-year Executive Committee Meeting site during late March or early April, 1972.
8. Voted to accept an invitation to hold the 1973 Annual Meeting in Anaheim, California.
9. Appointed Karl Newman, Doug Nichols, Ken Piel, Del Potter and Jaan Terasmae to serve as the 1971-72 Nominating Committee.
10. Appointed Al Traverse, Tate Ames and Bob Dunay to serve as the 1971-72 Ballot Committee.

11. Decided that the Constitution Committee should be dissolved.
12. Decided that the Long Range Planning Committee should be dissolved.
13. Decided that the Liaison Committee should be dissolved.
14. Accepted Paul Nygreen's resignation as the A.A.S.P. representative to the JCPI.
15. Approved expenditure of \$50 to the Roberta Beales' Fund of the "Save the Niagara Escarpment" Group.
16. Moved to draft and send a letter to N. F. Hughes concerning A.A.S.P.'s position on ICP.
17. Agreed to contact other regional palynological organizations in an effort to learn of their membership and activities.
18. Took other minor actions, records of which are in the Minutes of the Executive Committee Meetings of October 12 and 14, 1971.

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## MEMBERSHIP

A.A.S.P. Membership at the time of mailing of this Newsletter numbers 298. This includes 293 Members in good standing and 5 Institutional Members.

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## FIELD TRIP GUIDEBOOKS

Guidebooks for both field trips conducted in conjunction with the Fourth Annual Meeting are available at the following prices:

1. 1971 Field Guidebook - From Tucson, Arizona, to the Petrified Forest National Park and the Meteor Crater (edited by G. O. W. Kremp). \$5.00 postpaid.
2. 1971 Field Guidebook - Lehner Early Man - Mammoth Site (led by P. S. Martin, E. Haury, A. M. Solomon, and J. E. King). \$1.00 postpaid.

These illustrated guidebooks may be ordered from:

Robert T. Clarke  
Mobil Oil Corporation  
1001 Howard Avenue  
New Orleans, Louisiana 70113

In addition, copies of the illustrated field trip guidebook for the Second Annual Meeting (Pennsylvania State University, 1969) may still be purchased for the nominal price of \$3.50 each, postpaid.

1969 Field Guidebook - Field trip to the Allegheny Front and Appalachian Plateau of Central Pennsylvania (prepared and directed by E. G. Williams).

This guidebook may be ordered from:

Alfred Traverse  
529 Deike Building  
Pennsylvania State University  
University Park, Pennsylvania 16802

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## GROUP PHOTOGRAPHS

Group photographs of persons attending the Fourth Annual Meeting of A.A.S.P. in Tucson, Arizona are available. They may be ordered by sending \$1.00, postpaid, for each print to:

Robert T. Clarke  
Mobil Oil Corporation  
1001 Howard Avenue  
New Orleans, Louisiana 70113

The last two pages of this Newsletter include an "overlay" and a keyed list of persons in the photograph.

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## FIFTH ANNUAL MEETING

The Fifth Annual Meeting of the American Association of Stratigraphic Palynologists will be held in Rhode Island in October, 1972. John W. Hall, Vice-President of A.A.S.P. and 1972 Program Chairman and Eugene

J. Tynan (University of Rhode Island) are organizing the program. Details concerning the Meeting will be announced at a later date in the Newsletter. In the meantime, plan to contribute to the program and to attend the Fifth Annual Meeting of the A.A.S.P.

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### AASP PROCEEDINGS, VOL. III

Volume III of the A.A.S.P. Proceedings will be published as a volume of Geoscience and Man (L.S.U. Press). All completed manuscripts and abstracts to be included in this volume have been sent to Bob Perkins, Editor of the L.S.U. Geoscience Series. Papers not published in their entirety will be included in abstract form. Publication is anticipated during the summer of 1972.

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### AASP PROCEEDINGS, VOL. IV

All completed manuscripts which will be included in Proceedings Volume IV have been received by this office. They are being reviewed currently by your Editor. This volume will include papers presented at the Fourth Annual Meeting in Tucson.

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### FOSSIL DINOFLAGELLATE TEACHING CONFERENCE

A repeat of the 1971 Teaching Conference on Fossil Dinoflagellates, conducted in August 1971 by W. R. Evitt at Stanford University, will be held in June, 1972.

The 1971 conference was attended by six oil company palynologists concerned with dinoflagellates. Lectures and microscope study in dinoflagellate morphology and interpretation, and discussions of problems in identification, description, and stratigraphic applications filled ten working days. Living freshwater and marine dinoflagellates, including both motile and encysted stages, were collected on a half-day field trip and studied in the lab.

Anyone interested in details of the 1972 conference should write to:

William R. Evitt  
Department of Geology  
Stanford University  
Stanford, California 94305

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## MEXICAN PALYNOLOGIC MEETING

The first Mexican Palynologic Meeting, sponsored by the Escuela Nacional de Ciencias Biológicas and the Instituto Mexicano del Petróleo, in collaboration with other institutions, was held in Mexico City, October 21-23, 1971. The following papers were presented at the meeting:

- RUEDA-GAXIOLA, J. - La Palinología y sus aplicaciones.
- PALACIOS-CHÁVEZ, R. - Polen de las Malpighiaceae de México.
- MONTAÑE de la VEGA, R. - Morfología de los granos de polen de Bombacaceae de México.
- RAMOS-ZAMORA, D. - Morfología de los granos de polen de la Familia Moraceae.
- PALACIOS-CHÁVEZ, R. - Polen de plantas quiropterofilas.
- FISH, S. K. - Palynology of some cultural contexts.
- GONZÁLES-QUINTERO, L. - Análisis polínico de los sedimentos de Tlapacoya, México.
- SCHOENWEITZER, J. - Holocene pollen chronology from Oaxaca, Mexico.
- MEYER, R. E. - Late Quaternary paleoecology of the Cuatro Ciénegas Basin, Coahuila, Mexico.
- RUEDA-GAXIOLA, J. - Contribución al estudio palinológico del carbón Cretácico de la Cuenca de Sabinas, Coahuila, México.
- CRAMER-DIEZ, F. H. - Las provincias palinológicas de edad Silúrica en la Pangea Atlántica.
- CROSS, A.T. - Some aspects of the palynology of the Gulf of California.

SALAS, E. - Microflora Miocénica encontrada en los núcleos de un pozo exploratorio del NE de México.

IIZUKA, M., and MADRIGAL, R. - Floral organ culture of Brassica oleracea "in vitro".

WEBER, R. - Relaciones entre la palinología y la paleobotánica.

For information regarding the printed abstracts of these papers, write to the A.A.S.P. correspondent in Mexico:

Eloy Salas  
Instituto Mexicano del Petróleo-Exploración  
Ap. Postal 14-805  
Mexico 14, D. F.

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## SCANDINAVIAN PALYNOLOGISTS

Dr. Hans Tralau, one of the speakers at the "Computer Symposium" preceding our Fourth Annual Meeting, has provided a current list of the members of the Collegium Palynologicum Scandinavicum, the Scandinavian palynological society. These are listed alphabetically by country as follows:

### Denmark

Dr. S. T. ANDERSEN, Danmarks Geologiske Undersøgelse, Copenhagen.

Prof. K. LARSEN, Botanisk Institut, Aarhus Universitet, Aarhus.

Lektor K. R. PEDERSEN, Geologisk Institut, Aarhus Universitet, Aarhus.

Prof. J. TROELS-SMITH, Nationalmuseet, Naturvidenskabelig Afdeling, Copenhagen.

### Finland

Prof. J. J. DONNER, Geologiska Institutionen, Helsingfors Universitet, Helsingfors.

Dr. I. KUKKONEN, Botaniska Institutionen, Helsingfors Universitet, Helsingfors.

Dr. P. SORSA, Botaniska Institutionen, Helsingfors Universitet, Helsingfors.

Prof. Y. VASARI, Botaniska Institutionen, Uleåborg.

Norway

Prof. K. FAEGRI, Botanisk Museum, Universitet i Bergen, Bergen.

Lektor B. GULLVÅG, Botanisk Institutt, Universitet i Trondheim,  
Trondheim.

Prof. U. HAFSTEN, Botanisk Institutt, Universitet i Trondheim,  
Trondheim.

Prof. S. MANUM, Universitetet, Blindern, Oslo.

Sweden

Dr. L. BELIN, Folkdansen 7, Mölndal.

Prof. B. BERGLUND, Kvärtärbiologiska Laboratoriet, Lund.

Asst. A DUNBAR, Botaniska Institutionen, Stockholms Universitet,  
Stockholm.

Prof. G. ERDIMAN, Abrahamsbergsvägen 15, Bromma.

Prof. O. HEDBERG, Institutionen för Systematisk Botanik, Uppsala.

Prof. L.-K. KÖNIGSSON, Kvartargeologiska Institutionen, Uppsala.

Prof. B. LUNDBLAD, Riksmuseet, Sektionen för Paleobotanik, Stockholm.

Dr. S. NILSSON, Palynologiska Laboratoriet, Wallenberglaboratoriet,  
Stockholms Universitet, Stockholm.

Fil. lic. J. PRAGLOWSKI, Palynologiska Laboratoriet, Wallenberglabora-  
toriet. Stockholms Universitet, Stockholm.

Prof. J. R. ROWLEY, Palynologiska Laboratoriet, Wallenberglaboratoriet,  
Stockholms Universitet, Stockholm.

Dr. H. TRALAU, Riksmuseet, Sektionen för Paleobotanik, Stockholm.

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## TRANSLATIONS OF RUSSIAN PAPERS

D. Colin McGregor informs us that the following additional Russian articles have been translated and are available from:

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

The cost of these papers is now 15 cents per page of translation.

ARKHANGELSKAYA, A. D. and PANSHINA, L. N., 1970

Brief palynological characteristics of the middle and lower parts of the Upper Devonian. Trudy VNIGNI, no. 75.

BLUDOROVA, E. A., 1968

The role of the paleopalynological method in resolving the controversial problem, re: the stratigraphic level of the boundary between the Tournaisian and Viséan Stages in the Volga-Urals region: in Paleopalynol. Method in Stratig., VSEGEI, Leningrad.

BYVSHEVA, T. V., 1963

Some species of spores from guide assemblages of terrigenous strata of the Lower Carboniferous of the Volga-Ural region. Trans. VNIGNI, no. 37

CHEPIKOV, K. R. and MEDVEDEVA, A. M., 1970

Spores and pollen in oil and gas as indicators of migration. Bull. Moscow Soc. Naturalists, Geol. Ser., 45, no. 4.

CHTBRTKOVA, E. V., 1969

On the question of the Afoninsk horizon and the boundary between the Eifelian and Givetian Stages in western Bashkiria. Questions of geol. of eastern margin Russ. platform and southern Urals, 9.

\_\_\_\_\_, 1970

Lower Devonian plant microfossils in the western Urals versant and Cis-Uralian region. Proc. Acad. Sci. U.S.S.R., Geol. Ser. (1970) no. 5.

\_\_\_\_\_, and NADLER, YU. S., 1971

Correlation and age of the lower horizons of the Devonian of the western slope of the southern Urals, Priuralia and the Kuznetsk Coal Basin according to plant microfossils. Proc. Acad. Sci. U.S.S.R., Geol. Ser. (1971) no. 1.

- DRYAGINA, L. L. and NADLER, YU. S., 1960  
 Spores: in Biostratigraphy of the Paleozoic of the upper Sayano-Altai region. v. 2. Trudy Sibirsk. Nauchno-Issled. Inst. Geofiziki i Mineral. Syr., Minister. Geol. i Okhranyi nedr. U.S.S.R.
- EFREMOVA, G. D., 1966  
 On classification of the dispersed pollen Striatiti Pant, 1954: in Methods of Paleopalyn. Study, VSEGEI, Leningrad.
- FOMINA, L. S., 1968  
 Spore assemblages of terrigenous Devonian in northern areas of the Volga-Urals region. in: Paleopalyn. Method in Stratig., VSEGEI, Leningrad.
- ISHCHENKO, T. A., 1969  
Cooksonia paleoflora in Skala beds of Podolia and its stratigraphic significance. Geol. Zhurnal, 29, no. 5.
- KEDO, G. I., 1970  
 Ninth colloquium on Devonian spores and pollen of the Russian Platform and contiguous regions: Sovetskaya Geologiya, 6.
- LARISHCHEV, A.A., 1937  
 The nature of Devonian liptobioliths from the environs of Krasnoyarsk. Chemistry of Solid Fuel, no. 9.
- MIKHAILOVA, N. I. and ZAZULINA, T. S., 1967  
 Methods of extraction of spores and pollen from metamorphosed rocks of the Devonian of Mining Altai. Trans. Inst. Geol. Sci., Acad. Sci. Kaz SSR, no. 20.
- NADLER, YU. S., 1966  
 On spores of Protobarinophyton obrutschevii Ananiev. Proc. Tomsk Univ., no. 184.
- SENNOVA, V. F., 1970  
 Spore-pollen characteristics of the Sargayevsk horizon of the Timan-Pechora Provinces, Soviet Geology, no. 5.
- VANDERFLIT, K. A., 1968  
 Paleopalynological grounds for stratigraphic subdivision in the northwestern part of the Lower Carboniferous deposits of the Moscow Basin. Paleopalynol. Method in Stratig., VSEGEI, Leningrad.
- VERBITSKAYA, Z. I., LUBER, A. A., and FADDEYEVA, I. Z., 1966  
 Composition of spore-pollen assemblages in coals and sediments of various origin. Methods of Paleopalynol. Research, VSEGEI, Leningrad.

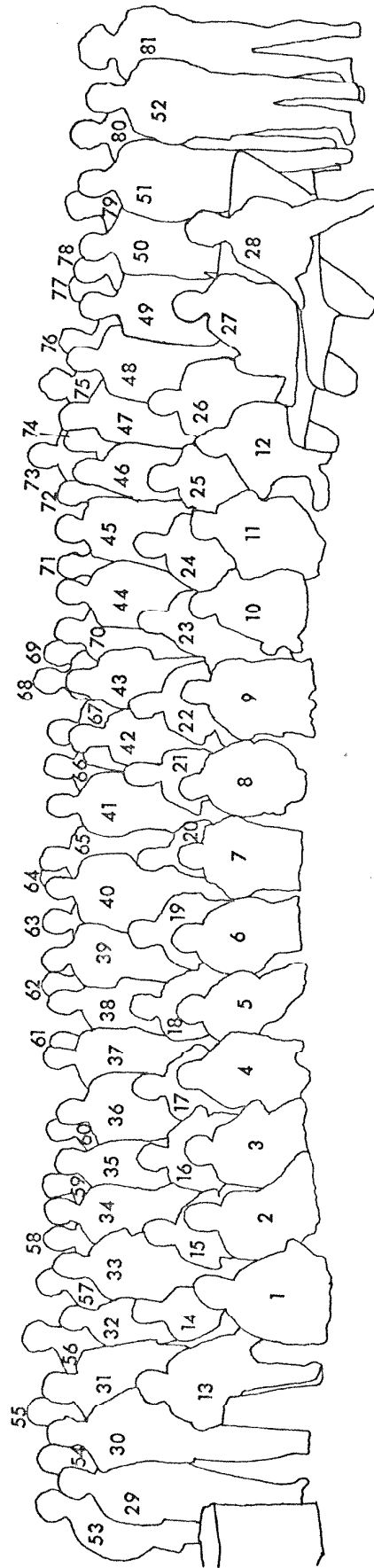
YAROSHENKO, O. P., 1965

Spore-pollen complexes of Jurassic and Lower Cretaceous deposits  
of northern Caucasus and their stratigraphic importance. Acad.  
Sci. U.S.S.R., Geol.-Inst., Trans., no. 117.

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REMEMBER TO SEND ANY NEWS-WORTHY ITEMS TO  
YOUR EDITOR FOR INCLUSION IN THE NEWSLETTER

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AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

Fourth Annual Meeting, Tucson, Arizona

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

4th Annual Meeting Group Photograph

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|-----------------------|------------------------|
| 1. Graham Williams    | 41. Logan Urban        |
| 2. J. Fred Stone      | 42. Judy Lentin        |
| 3. John Hall          | 43. Jocelyne Legault   |
| 4. Jack McAndrews     | 44. Douglas Nichols    |
| 5. Barrie Dale        | 45. Calvin Heusser     |
| 6. Aharon Horowitz    | 46. Linda Florer       |
| 7. Vaughn Bryant      | 47. Norman Norton      |
| 8. Gerhard Kremp      | 48. Edward Stanley     |
| 9. Hans Tralau        | 49. Francis Ting       |
| 10. George Hart       | 50. Bernie Shaffer     |
| 11. Roger Davey       | 51. Alfred Traverse    |
| 12. Dave McIntyre     | 52. Len Hills          |
| 13. Arthur Cohen      | 53. Ken Segroves       |
| 14. Janet Warter      | 54. Norman Elphinstone |
| 15. Warren Drugg      | 55. Bill Elsik         |
| 16. Daniel Habib      | 56. James King         |
| 17. T. C. Huang       | 57. Robert Ballog      |
| 18. James Canright    | 58. Fred May           |
| 19. George Fournier   | 59. Wallace Walloweek  |
| 20. Lois Nagy         | 60. Harvey Patten      |
| 21. Nicea Trindade    | 61. James Schoenwetter |
| 22. Huon Walton       | 62. Fred Griesbach     |
| 23. Jane Ann Rutledge | 63. Tom Bond           |
| 24. Karl Newman       | 64. Ralph Morgan       |
| 25. F. X. Miller      | 65. Bill Myers         |
| 26. Don Engelhardt    | 66. Norm Frederiksen   |
| 27. Rick Pierce       | 67. Jim Urban          |
| 28. Carol Chmura      | 68. Michael Millay     |
| 29. David Wall        | 69. Ken Moore          |
| 30. Charles Felix     | 70. Fritz Cramer       |
| 31. Tate Ames         | 71. J. H. Germeraad    |
| 32. Elizabeth Kemp    | 72. Evan Kidson        |
| 33. Art Leblanc       | 73. D. Colin McGregor  |
| 34. Sedley Barss      | 74. Robert Dunay       |
| 35. Jaan Terasmae     | 75. Geoffrey Norris    |
| 36. John Browning     | 76. Ray Christopher    |
| 37. Bill Evitt        | 77. Eugene Tynan       |
| 38. Robert Bergad     | 78. Robert McLaughlin  |
| 39. Ken Piel          | 79. Dick Hedlund       |
| 40. Del Potter        | 80. Bob Clarke         |
|                       | 81. Jeff Zauderer      |