

NEWSLETTER

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS, INC.

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NUMBER 4

Richard L. Pierce, Editor
Richard W. Hedlund, Ass't. Editor

Eloy Salas, Correspondent
David J. McIntyre, Correspondent

SEVENTH ANNUAL AASP MEETING

PALLISER HOTEL,

CALGARY, ALBERTA

OCTOBER 16-19, 1974

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PRESIDENT'S PAGE

Well, this is the last of my four President's Page messages. Now, don't everybody breathe a sigh of relief at the same time!!

Round 2-1/2 or 3 with the I.R.S. is in progress. After some extended discussions with their personnel, we have had to take a slightly different approach to obtain "full" tax exempt status. I.R.S. still, as was the case a couple of years ago, considers organizations such as AASP in the "Business League" category, 501(c)(6) and not as a "true" scientific society that would qualify under 501(c)(3). They contend the only thing that has really changed is that we are now incorporated, and they are correct. The "old AASP" was a 501(c)(6). Exempt status is not automatically transferable from AASP to AASP, Inc., and therefore I have filed the additional documents that will qualify AASP, Inc., as a 501(c)(6) tax exempt organization. Also, we're not being discriminated against. The AAPG and SEPM, for example, are exempt under 501(c)(6) status. Similar societies that enjoy 501(c)(3) status obtained their rulings prior to about 1966 when those requirements were tightened up considerably.

Now, where does that leave us with respect to "full fledged" tax exempt status whereby contributions are legally tax deductible by potential donors? I had anticipated the I.R.S. ruling and, after consulting other Executive Committee members, we decided the best approach was to form an AASP Foundation that would qualify as a true 501(c)(3) exempt organization. This is the way AAPG and SEPM are able to accept tax deductible contributions. In fact, I used the AAPG Foundation document as a model for drafting the AASP Foundation document. During my conversations with

the I.R.S., they suggested that we establish a 501(c)(3) fund or foundation that would enable us to accept contributions, and at the same time allow the donors to claim them as legal, tax deductible contributions. In the long run, this approach is probably the best route to take. As of this writing (Friday the 13th ... ominous) there are a couple more items to prepare before I file for the AASP Foundation. These forms should be finalized and filed with the IRS prior to the Calgary meeting. I plan to briefly discuss this seemingly never ending saga of AASP and the I.R.S. at the Annual Business Meeting.

One final note to end my President's Page messages ... I have enjoyed the opportunity you have given me to serve as President of AASP this past year. I extend a personal "thank you" to the other members of the Executive Committee/Board of Directors who have given much of their time to keep AASP, Inc., as the foremost palynology association in the world. An association is only as strong as its members and our association has a wealth of talent with which to remain the leading palynology association for many years. See you in Calgary.

Robert T. Clarke
President, AASP

P.S. I still have one more soap box opportunity with the "traditional" Outgoing President's speech at the Annual Business Meeting!
(Wayne, I hope this P.S. doesn't bring the sale of extra tickets to the Annual Luncheon to a screeching halt.)

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1974-1975 AASP BOARD OF DIRECTORS

Don Engelhardt, chairman of the Ballot Committee, reports that the following members have been elected to the Board of Directors of AASP for 1974-1975 to serve in the offices designated:

President:	Richard W. Hedlund
Vice President:	William C. Elsik
Secretary-	
Treasurer:	Herbert J. Sullivan
Editor:	Richard L. Pierce
Councilors:	Jack D. Burgess
	William W. Fairchild

Bob Clarke, as immediate past-President, is an automatic designate to the board and will serve as one of the Councilors during 1975.

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1974 ANNUAL BUSINESS MEETING

The Seventh Annual Business Meeting and Luncheon will be held at 12:00 noon, Friday, October 19th, in the Turner Valley Room of the Palliser Hotel. A tentative agenda for the meeting is as follows:

1. Introduction R. T. Clarke
2. Membership Report H. J. Sullivan
3. Treasurer's Report H. J. Sullivan
4. Editor's Report R. L. Pierce
5. Old Business - status reports on:
 - a. Joint Committee on Paleontological Information
 - b. International Commission on Palynology
 - c. 1976 Paleontological Convention - University of Kansas
 - d. Other old business.
6. New Business
7. Outgoing President's Address R. T. Clarke
8. Adjournment

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EXECUTIVE COMMITTEE MEETINGS

Two Executive Committee meetings will be held at the Palliser Hotel during the course of the Annual Meeting. The first meeting will be on Tuesday evening, October 15th, room and time to be determined, and will be presided over by the 1974 board. The second meeting will be on Thursday evening, October 17th, and will be presided over by the Directors for 1975. The time and room for the Thursday meeting will be determined during the Tuesday meeting. All members are invited to attend either or both of these meetings, and the Directors for 1975 are urged to attend the Tuesday evening meeting. Any member may obtain a copy of the minutes of these meetings by writing to Herb Sullivan, AASP Secretary.

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STATUS OF PROCEEDINGS VOLUMES

Bob Perkins has recently written that the 1972 AASP Proceedings Volume from Newport is being bound and should be ready for distribution late in September. Papers from the Anaheim meeting, 1973, have been through the reviewing process and have been returned to their authors for revision. It is hoped that the Anaheim volume will be ready for distribution by January or February.

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CALGARY MANUSCRIPT DEADLINE CHANGE

The December 1 deadline for manuscripts for the Calgary Proceedings volume has been changed to January 15, 1975. There are several reasons for this change and they will be discussed with authors in an editor's meeting. We hope this meeting can be scheduled for Friday evening immediately following the technical session.

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TABLE-TOP SEM EXHIBIT

Dave McIntyre gave us a message which we promptly lost. The substance of the message was that a table-top model of the SEM will be exhibited at the Calgary meeting. Attendees are urged to bring along some prepared specimens and give it a try.

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ICP-CIMP AND RELATED MEETINGS

The Commission Internationale de Microflore du Paléozoïque and ICP have organized or are participating in numerous biostratigraphic symposia. Dave Mishell has suggested, and we certainly concur, that a brief summary of any of these meetings would be welcomed. Therefore, any AASP member who will, or has, attend(ed) any of the following meetings can earn our undying gratitude by writing a few summary paragraphs for the Newsletter:

1. Symposium on Ordovician and Silurian Chitinozoa, Visby, Gotland, 17th-24th August, 1974.
2. International Symposium on Belgium Micropaleontological Limits, Namur, 1st-10th Sept., 1974.
3. Third Planktonic Conference and Third Symposium on Recent and Fossil Marine Diatoms, Kiel, 9th-13th Sept., 1974.
4. Working Group Meetings of the International Commission for Palynology, Cambridge, 16th-17th Sept., 1974.
5. The Evolutionary Significance of the Exine, London, 18th-20th Sept., 1974.
6. CIMP Devonian Meeting, London, early January, 1975.
7. VIII International Congress on the Stratigraphy and Geology of the Carboniferous, Moscow, 8th-13th Sept., 1975.

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IV INTERNATIONAL PALYNOLOGICAL CONFERENCE

The first circular of the Fourth IPC has been mailed and requires a reply by January 1, 1975, to remain on the mailing list. If you didn't receive a circular and wish to be on the mailing list, write to:

Dr. S. C. D. Sah
Secretary-General
IV International Palynological Conference
53, University Road
Lucknow-22607, India

From all indications this is going to be the most productive of any of the International Conferences. If you aren't going to attend the Conference, you can still receive all the publications by sending in 35 U.S. Dollars, or their equivalent, to the Secretary-General.

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PROCEEDINGS OF THE IIIRD INTERNATIONAL PALYNOLOGICAL CONFERENCE, NOVOSIBIRSK, 1971

Many persons have responded to our query for a list of the publications

from the Novosibirsk conference. We thank them all. However, Henk Visscher sent us the most complete list and we wish to especially thank him. Following is an English translation of the data given in the eleven volumes:

1. Problems of Palynology. Institute of Geography, Publ. House Nauka, Moscow, 1973, 160 pp. (Papers presented during the plenary sessions and proceedings of the general assembly.)
2. Pollen and Spore Morphology of Recent Plants. Komarov Botanical Institute, Publ. House, Nauka, Leningrad, 1973, 112 pp.
3. Morphology and Systematics of Fossil Pollen and Spores. Geological Institute, Publ. House, Nauka, Moscow, 42 pp.
4. Methodical Problems of Palynology. Institute of Geology and and Exploitation of Combustible Fuels, Publ. House, Nauka, Moscow, 1973, 171 pp.
5. Palynology of Proterophytes and Paleophytes. Geological Institute, Publ. House, Nauka, Moscow, 1974, 222 pp.
6. Palynology of the Mesophytic. Institute of Geology and Geophysics, Siberian Branch of the Academy of Sciences, Publ. House, Nauka, Moscow, 1973, 203 pp.
7. Palynology of the Cenophytic. Geological Institute, Publ. House, Nauka, Moscow, 223 pp.
8. Palynology of the Pleistocene and Pliocene. Institute of Geography, Publ. House, Nauka, Moscow, 1973, 223 pp.
9. Palynology of the Holocene and Marine Palynology. Institute of Geography, Publ. House, Nauka, Moscow, 1973, 152 pp.
10. Microfossils of the Oldest Deposits. Geological Institute, Publ. House, Nauka, Moscow, 1973, 86 pp. (Primarily acritarchs but also includes dinoflagellates.)
11. Palynology in Medicine. Acad. Section of Earth Science and Scientific Research Allergological Laboratory, Publ. House, Nauka, Moscow, 1973, 83 pp. (Also includes melitopalynology.)

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PERMIAN AND TRIASSIC PALYNOLOGY

Proceedings of the C.I.M.P. symposium on Permian and Triassic palynology, held in Boussen, France, Sept. 12-14, 1973, have been published as a

special issue of the Review of Paleobotany and Palynology. Pollen stratigraphy is an increasingly important tool in North Sea oil exploration and this publication is destined to be a basic reference for North Sea palynologists:

Special issue of the Journal Review of Paleobotany and Palynology, vol. 17(1-2), edited by H. Visscher and G. Warrington, 1974, 216 pages, 42 plates, 15 tables, 14 figures.

Price: US \$20.80.

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QUATERNARY PALYNOLOGY

Stephen A. Hall is completing a dissertation in geology at the University of Michigan on the palynology and stratigraphy of late Quaternary alluvium at Chaco Canyon National Monument, New Mexico. The alluvium contains up to 200,000 Quaternary pollen grains per gram of sediment. Well preserved recycled Cretaceous spores and pollen occur abundantly in the alluvium -- 95% of all the palynomorphs in one horizon are recycled Cretaceous forms. A series of 18 radiocarbon dates provides a chronology of erosion and sedimentation at Chaco Canyon during the past 7000 years.

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FOSSIL FUNGAL SPORES

Bill Elsik and Jan Jansonius conducted a discussion session entitled "Fossil Fungal Spores" at the 2nd International Symposium on the Fungus Spore hosted recently by Brigham Young University, Provo, Utah. The agenda included:

- 1) Resume of Cretaceous-Cenozoic morphologic types - W. C. Elsik.
- 2) Lower Cenozoic morphologic types - Jan Jansonius.
- 3) Taxonomy - W. C. Elsik.
- 4) Discussion - taxonomic treatment of fungal spores as discrete entities.

A short summary chapter on fossil fungal spores will be added to the Symposium book, "The Fungus Spore: Form and Function", as a result of those discussions. A longer handout of introductory material on fossil fungal spores will be available at the AASP meeting in Calgary.

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NORTH AMERICAN PALEONTOLOGICAL CONVENTION II

NAPC II will be held at the University of Kansas on August 8-10, 1977. Evan Kidson, AASP's representative, has sent us the following announcement for inclusion in the Newsletter:

Format of the Convention will resemble that of the first Convention in Chicago, consisting largely of invited papers and symposia. Time and space for meetings of various special interest groups (Friends Groups, working groups, stratigraphically or taxonomically oriented groups) will be provided. In order to keep costs low and to foster interaction, participants will be housed and fed in dormitories. The Convention is now in the early planning stage. If you would like to organize a symposium or to suggest a symposium topic, please write now. We shall also appreciate learning which special interest groups plan to schedule meetings. Plans for publication of the symposia remain to be completed, but the committee reserves first choice at publication. Please address all inquiries to Roger L. Kaesler, Department of Geology, The University of Kansas, Lawrence, Kansas 66045.

Committee: Brian F. Glenister, SEPM
Richard J. Zakrzewski, SVP
Evan J. Kidson, AASP
Thomas N. Taylor, ABS
Roger L. Kaesler, PS, chairman

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SECOND COLLOQUIUM ON PALEOBOTANY AND PALYNOLOGY IN MEXICO

Announcement of this colloquium, which is being held in Mexico City from Sept. 25 to 28, arrived too late for inclusion in the June Newsletter. The program of the colloquium will include the following topics:

1. Pre-Quaternary paleobotany and palynology in Mexico and neighboring countries.
2. Quaternary paleobotany and palynology in Mexico and neighboring countries.

3. Morphology, ecology and applied research on Recent pollen and spores.
4. General problems on angiosperm paleobotany.
5. Invited contributions on a research project on morphological and anatomic taxonomy of recent and fossil dicotyledoneous leaves, with Round Table Discussion.

Please mail correspondence related to the Colloquium to:

Dr. Reinhard Weber
Instituto de Geología
U.N.A.M.
Ciudad Universitaria
Mexico 20, D.F.
MEXICO

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SOUTH AMERICAN PALYNOLOGY

Eloy Salas has extracted the following information from the first bulletin issued by the Latinoamerican Association of Paleobotany and Palynology (ALPP):

ARGENTINA

ANZOATEGUI DE GIRARDI, LUISA MATILDE

Alberdi 2085, Corrientes. (Palynological studies of the Ituzaigó Fm.-Pliocene)

ARCHANGELSKY, SERGIO

Div. Paleobotanica, Museo de Ciencias Naturales, La Plata
(Palynology of the Cretaceous and Lower Tertiary of Patagonia)

AZCUY, CARLOS LEOPOLDO

Somellera 5665, Buenos Aires. (Palynology of the Paganzo basin - Carboniferous and Permian)

CACCAVARI DE FILICE, MARTA ALICIA

Escalada 335, Ramos Mejia, Prov. de Buenos Aires.

- (1. Pollen grains of Leguminosae of Argentina.
2. Gesneriaceae of Argentina.).

GAMMERRO, JUAN CARLOS

Museo de Ciencias Naturales, La Plata, Provincia de Buenos Aires.

- (1. Pollen of Austral-Southamerica Gymnosperms.
2. Cretaceous megaspores of Patagonia.
3. Palynology from the Lower Cretaceous of Patagonia.).

ARGENTINA cont'd.

GONZALEZ AMICON OSCAR ROBERTO

Museo Argentino de Ciencias Naturales, B. Rivadavia, Av. Angel Gallardo 470, Buenos Aires.

- (1. Palynomorphs of the Agua Colorada Fm. in La Rioja province, Famatina mountain range, in collaboration with Dr. C. A. Menendez.
2. Palynological Study of the Santa Clara Group, Mendoza Province.).

HERBST, RAFAEL

Lavalle 2675, Corrientes, Provincia Corrientes.

- (1. Palynology of the Triassic of Argentina.
2. Pollen rain studies in the City of Corrientes.).

LEGUIZAMON, RAUL R.

Urquiza 1078 (Barrio Cofico), Cordoba.

(Mega and microfossil studies of Late Paleozoic sediments of Córdoba.)

MENENDEZ CARLOS ALBERTO

Museo Argentino de Ciencias Naturales, B. Rivadavia, Av. Angel Gallardo 470, Buenos Aires.

(Palynology of Carboniferous and Permian sediments from Argentina.)

QUATTROCHIO MIRTA ELENA

Juan Molina 15, Bahía Blanca, Prov. de Buenos Aires.

(Palynology of the Upper Jurassic of Central Neuquen.)

ROMERO, EDGARDO JUAN

Facultad de Ciencias exactas y Naturales, Ciudad Universitaria, Nunez, Buenos Aires

- (1. Nothofagidites pollen and Gymnosperms of the Rio Turbio Fm. [Eocene] of Patagonia,
2. Pollen grains of Paleocene Gymnosperms of Patagonia.)

SALAS, ARMANDO ALBERTO

Mandilla 4032, 8^o, 18, Buenos Aires.

- (1. Palynological study of the basal Neocomian of Sierra de Caichique.
2. Contribution to the palynostratigraphy of the Lower Cretaceous of Central Neuquen, Ph.D. thesis).

VOLKHEIMER, WOLFGANG

Museo Argentino de Ciencias Naturales, B. Rivadavia, Av. Angel Gallardo 470, Buenos Aires.

- (1. Stratigraphic palynology of the Jurassic from Sierra de Chacabuco (Neuquina basin).
2. Stratigraphic palynology of the Vaca Muerta Fm. in the south part of the Neuquina basin.)

BRAZIL

BARTH SCHATZMAYR, ORTRUD MONIKA

Instituto Oswaldo Cruz, Caixa Posta 926, Rio de Vaneiro.

- (1. Systematic catalog of pollen grains of arboreal plants from Brazil Meridional.
2. Study of Kielmeyera (Guttiferae).)

DAMIANI CAUDURO, AMNERIS

Instituto de Geociencias, Depto. de Geologia, Rua General Vitorino 225, Porto Alegre, RGS.

(She is part of the staff of investigators dedicated to the palynological study of the Parana basin.)

MARQUES, TOIGO MARLENI

Domingo Jose de Almeida 185, Porto Alegre, RGS.

(Palynological study of Paleozoic formations of the Parana basin.)

MELO DA COSTA, NORMA MARIA

Companhia de Pesquisas de Recursos Minerais CPRM, Av. Pasteur 404, Praia Vermelha 20.000, Rio de Janeiro, GB.

- (1. Biostratigraphic studies of algae and sporomorphs of the Paleozoic, Brazil.
2. Palynology of Paleozoic in the sedimentary basin of Paranaiba.)

REGALI, MARILIA

Petrobras (Direx), Salvador Bahia - Brazil

- (1. Section Meso - Cenozoic of the Continental platform,
2. Microplankton Mio-Pliocene boundary.
3. Individually of Holocene and Pleistocene, with pollen and microplankton,
4. Palinofacies - Cretaceous and younger.)

SALGADO LABOURIAU, MARIA LEA

Universidade de Brasilia, Brasilia

(History and evolution of the "Cerrado" based on pollen analysis.)

COSTA RICA

GOMEZ, P. LUIS DIEGO

Museo Nacional de Costa Rica, AP. 749, San Jose

- (1. Palinoteca Costarricense (Work in Collaboration with the Missouri Botanical Garden, USA).
2. Paleopollen of coal deposits from the Tertiary of Costa Rica.
3. Fossil florule of the Kaolin of Quepos.)

CHILE

FASOLA, RUIZ ARMANDO

San Diego 232, Depto. 31, Santiago

(Study of bisaccate pollen grains of Middle Triassic in Fremow Peak Region, Antartida.)

CHILE cont'd.

HERNANDEZ, PEDRO J.

Museo Nacional de Historia Natural, Casilla 787, Quinta Normal,
Santiago

(Palynology in formations of the Magallanes Basin.)

LAGOS, ALTAMIRANO RAMIRO ENRIQUE

Depto. de Geología, Universidad de Chile, U.P. Alessandri 774,
Santiago

(Paleogeographic studies of the Santiago Basin through pollen analysis.)

TRONCOSO, AGUILAR ALEJANDRO

Museo Nacional de Historia Natural, Casilla 787, Santiago

(Pollen studies of transported grains by Vespidae in Coquimbo province,
Chile.)

URRUTIA, GONZALEZ JUAN

Hospital San Juan de Dios, Servicio Nacional de Salud, Portales 3225,
Santiago

(Study of pollen and spores in air pollution during 365 days and
their relationships with bronchial illness and hayfever.)

VALENZUELA BUSTOS, ELSA MAGDALENA

Depto. de Ciencias Naturales y Exactas, Sede Sur Universidad de Chile,
Int. Quinta Normal, Santiago.

(Pollen analysis of grains collected by some species of wild bees
in the "Norte Chico", Chile.)

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ORTHOGRAPHY

Lenny Moore wishes us to point out that the list of Greek and Latin terms sent out as a supplement to the June Newsletter was not compiled by him. He obtained it as a handout in one of his botany courses. However, it engendered several responses including one from Jan Jansonius. Jan believes there is a growing desire among palynologists to formulate new names in an accurate manner and along classical lines. To stimulate this desire, Jan sent along a reference that we read and found to be fantastic for those of us who know "small Latin and less Greek".

Nicolson, D. H., and R. A. Brooks, 1974, Orthography of Names and Epithets: Stems and Compound Words: Taxon 23(1): 163-177.

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LED TO WATER

A Houston palynologist has complained that he didn't learn of the AASP meeting in Calgary until he read about it in an ICP circular. The primary purpose of the Newsletter is to keep members informed about what is happening in AASP, but no one can be forced to read it. We think we once heard our old Russian godmother say, "A horse dying of thirst while standing at a half-full water trough has a problem that can't be solved by filling the trough".

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1974-75 MEMBERSHIP DIRECTORY

The new membership directory is in the hands of the printer and should be out sometime in October. However, directories are among the shortest lived sources of accurate information one can possibly find. When you get it make the following additions and corrections:

Chmura, Carol A., Chevron Oil Field Research Corporation, P.O. Box 446,
La Habra, California 90631. Tel. 213-691-2241

Cousminer, Harold, American Museum of Natural History, Department
of Micropaleontology, Central Park West at 79th Street, New
York, New York 10024

Edson, James E., Jr., 3312C Kings Road, Dallas, Texas 75219

Uesugui, Namio, A/C Petrobras - Lab. Central de Exploracao, Rua General
Polidoro, 81, Botafogo, Rio de Janeiro, Brazil

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NEW MEMBERS

AASP is pleased to welcome the following new members:

Benz, Sandra Ruth, 108 East Kaibab Lane, Apt. 74A, Flagstaff,
Arizona 86001. Tel. 602-774-0268

Eckert, H. R., c/o Shell Exploration, SEPE 13, Shell Centre,
London SE1 7NA, England

Khaddeer, Amtul, Department of Geology, University of Mysore, Manasa
Gangotri, Mysore 570006, India

NEW MEMBERS cont'd.

Mahalakshamma, A. P., Department of Geology, University of Mysore,
Manasa Gangotri, Mysore 570006, India

Scheuring, Bernard W., Botanisches Institut, Universitat Basel,
Schonbeinstrasse 6, CH-4056 Basel, Switzerland. Tel. 25-69-15

Sittler, Claude, Institut de Geologie de l'Universite Louis Pasteur,
1 rue Blessig, 67084 Strasbourg Cedex, France

Utting, John, University of Quebec, INRS Petrole, Case Postale 7500,
Quebec 10, Quebec, Canada. Tel. 418-657-2604

Witmer, Roger J., Department of Geological Sciences, Virginia
Polytechnic Institute and State University, Blacksburg, Virginia
24061. Tel. 703-951-2059

and two new institutional members:

The Netherlands Geological Survey, (Rijks Geologische Dienst),
Spaarne 17, P.O. Box 157, Haarlem, The Netherlands

Micro/Tech Instruments, Inc., Mr. Art Waldeck, P.O. Box 415,
Richardson, Texas 75080. Tel. 214-233-2152

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R E M E M B E R

N E W L E T T E R I T E M S

A R E W E L C O M E D
