

## INTERESTING PUBLICATIONS

Since the start of this journal, Editor Gerald M. Friedman has prepared this column. Contributors wishing to list recent books and papers of interest to our membership are requested to send them to the Editor.

- Alberstadt, Leonard, 1991, Geology and the bible conflict in Vanderbilt's beginning years: *Vanderbilt Magazine*, Summer 1991, p. 21-27.
- Altamura, Robert J., 1989, A history of the state geological and natural history survey of Connecticut: *State Geological and Natural History Survey of Connecticut*, 69 p.
- Altamura, Robert J., Historic geologic sites in Connecticut: *Connecticut Environment*, Volume 17, Numbers 10 and 11.
- Altamura, Robert J., 1991, Evolution of mining and quarrying in Connecticut: *The Geological Society of America Abstracts with Programs*, Volume 23, Number 1, p. 3.
- Baatz, Simon, 1991, Squinting at Silliman: Scientific periodicals in the early American Republic, 1810-1833: *Isis*, v. 82, p. 223-244.
- Beckinsale, R. P. and Chorley, R. J., 1991, *The History of the Study of Landforms: The Development of Geomorphology*, Routledge, U.K., 496 p.
- Birkett, Kirsten and Oldroyd, David, 1991, Robert Hooke, physico-mythology, knowledge of the world of the ancients and knowledge of the ancient world: in Stephen Gaukroger, ed., *The Uses of Antiquity*, Kleuser Academic Publications, Dordrecht, 1991, p. 145-170.
- Bolewski, A. and Pierzchala, H., 1989, Losy polskich pracowników nauki w latach 1939-1945 (The vicissitudes of Polish scientists in 1939-1945), *Ossolineum*, Wrocław.
- Branagan, David, 1989, History of early work: in *Intraplate Volcanism in Eastern Australia and New Zealand*, R. W. Johnston, ed., University Press.
- Branagan, David, 1990, A History of coal mining in New South Wales: in D. F. Branagan and K. L. Williams, eds., *Coal in Australia: Proceedings of the Third Edgeworth David Day Symposium*, University of Sidney, p. 1-16.
- Branagan, David, 1990, Geological maps of Australia in the nineteenth century and the search for mineral wealth: *Proceedings of the Pacific Rim Conference*, Queensland 2:179-182.
- Buchanan, Dennis, 1991, *The Origin of Mineral Deposits* (1991): Imperial College London, England, 150th Anniversary Celebrations, Programme with Abstracts, p. 8.
- Burkhardt, Frederick and Smith, Sydney, eds., 1991, *The Correspondence of Charles Darwin: Volume 7: 1858-59*, Cambridge University Press, 700 p., \$49.50.
- Carey, S. W., 1990, Knight errant of science—Sir Edgeworth David memorial oration: *Australasian Institute of Mining and Metallurgy*, 74 p. (edited with additional material by D. F. Branagan).
- Carlé, W. E. H., 1989, Werner-Beyrich von Koenen-Stille. Ein geistiger Stammbaum wegweisender Geologen. *Gep; Kajrbici. A-108*, Jammper. 499 p.
- Carozzi, Albert V. and Marguerite Carozzi, 1991, Pallas' Theory of the earth in German (1778) Translation and Reevaluation Reaction by a Contemporary: H.-B. DeSaussure: *Societe de Physique et d'Histoire Naturelle Geneve*, vol. 44, fasc. 1, 105 p.
- Cartwright, Joe, 1991, *Structure of the Earth* (1991): Imperial College London, England, 150th Anniversary Celebrations, Programme with Abstracts, p. 6.
- Cone, Joseph, 1991, *Fire under the Sea, the Discovery of the Most Extraordinary Environment on Earth—Volcanic Hot Springs on the Ocean Floor*: William Morrow and Company, Inc., 286 p. \$25.00.
- Cook, Peter, 1991, *The Role of the British Geological Survey* (1991): Imperial College London, England, 150th Anniversary Celebrations, Programme with Abstracts, p. 12.
- Cuadra, W. A. and Dunkerley, P. M., 1991, A history of gold in Chile: *Economic Geology*, v. 86, p. 1155-1173.
- Duan Wanti and Zeng Wenqu, eds., 1989, *Li Siguang: A Pioneer of Geological Undertaking in China*: Geological Publishing House, Beijing, 81 p.
- Edmonds, J. M., 1991, *Vindiciae Geologicae* published 1820: the inaugural lecture of William Buckland: *Archives of Natural History*, v. 18, p. 255-268.
- Erben, H. K. von, 1990, Evolution. Eine Übersicht sieben Jahrzehnte nach Ernst Haeckel (A review 70 years after Ernst Haeckel's death): Stuttgart, Ferdinand Enke Verlag, 179 p.
- Figueiró, S. F. de M., 1989, Aspects of the history of geological sciences in Brasil: III Centroamerican and Caribbean Congress on the History of Science and Technology, San Jose, Costa Rica. Abstracts, p. 36 (in Portuguese).
- Figueiró, S. F. de M., 1989, Considerations about the role of the history of geology in geological education: *Rev. Bras Geociencias*, 19(4):523-527 (in Portuguese).
- Figueiró, S. F. de M., 1989, Relations between Brazil and Germany in the field of Geological Sciences during 19th Century: 28th International Geological Congress, Washington, D.C., U.S.A., Abstracts 1:485.
- Figueiró, S. F. de M., 1989, Some methodological questions related to the history of scientific institutions: III Centroamerican and Caribbean Congress on the History of Science and Technology, San Jose, Costa Rica, Abstracts, p. 25 (in Portuguese).
- Gilmor, C. S., 1990, History of geophysics 4. AGU HG0042782, 2000 Florida Avenue, N.W., Washington, D.C. 20009, \$36.
- Goncalves, P. W., 1989, How space and time are interconnected in the knowledge of the Earth?: University of Campinas Faculty of Education, Masters dissertation, 138 p. (in Portuguese).
- Gould, Stephen Jay, 1991, Fall in the House of Ussers. How foolish was the archbishop's precise date for creation?, *Natural History* 11/91 p. 12-21.
- Hancock, Jake, 1991, *The Origin and Exinction of Species* (1841): Imperial College, London, England, 150th Anniversary Celebrations, Programme with Abstracts, p. 9.
- Howell, Benjamin R., Jr., 1990, *An Introduction to Seismological Research History and Development*: Cambridge University Press, 193 p. \$39.50.
- Huanag Jiqing, 1988, Pioneers in earlier geological science and organizations in China: *China Histor. Mater. Sci. and Techn.*, 9(1): 1-13; Beijing (China Sci. and Techn. Press).
- Huang Jiqing (T. K. Huang), Pan Yuntang, eds., 1989, *Selected Works of Dr. Weng Wenhao* (W. H. Wong): Metallurgy Engineering Press, 359 p.

## ANNOUNCEMENTS

The Northeastern Science Foundation, a not-for-profit corporation affiliated with Brooklyn College of the City University of New York, jointly with the History of the Earth Sciences Society (HESS) will hold a meeting on the History of Geology in its Rensselaer Center of Applied Geology in Troy, New York.

This meeting is scheduled to combine field trips with sessions of theme-oriented papers and posters. The meeting is scheduled for July 29 through August 1, 1992 following the meeting of the British Society for the History of Science, which, jointly with its Canadian and U.S. counterparts, will meet in Toronto, Ontario, Canada, July 25–28, 1992. Toronto and Troy are within less than a day's driving range or about one hour's flight time. The field trips return to the hallowed ground of geologic pioneers: Amos Eaton (1776–1842), James Hall (1811–1898), William W. Mather (1804–1859), Lardner Vanuxem (1792–1848), Sir Charles Lyell (1797–1875), Louis Agassiz (1807–1873), and Sir William Logan (1798–1875). The trips include visiting their field locations, and even visit some of their work stations and graves.

The program consists of three parts: (1) a program on the history of Canadian geology, (2) the U.S.-Canada connection, and (3) the trans-Atlantic link. The program committee, which is currently being enlarged, consists of Charles H. Smith (Geological Survey of Canada), Hugh S. Torrens (Crewe, England), and Gerald M. Friedman (Brooklyn College and Northeastern Science Foundation). The program on the history of Canadian geology will focus on the 150th Anniversary of the Geological Survey of Canada. (Gerald M. Friedman, Northeastern Science Foundation, P.O. Box 746, Troy, NY 12181-0746 USA. Phone: 518/273-3247. Fax 518/273-3249.

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The libraries of geoscience, mining and metallurgy in Europe (as well as on other continents) contain a rich cultural heritage consisting of "old" books, manuscripts, sketches, maps and unpublished works, sometimes also coins, medallions, pewter figures, carvings,

etc. The importance of these collections is well known to librarians, historians, restorers, antiquarians, academics, scientific societies and associations, curators of monuments, and many more. . . .

In September, 1993, an international symposium of several days will be held on the above subject in Freiberg, Saxony. This symposium is jointly organized by the Department of Reserve précieuse of the Library of Bergakademie Freiberg and the University Library of Montanuniversität Leoben. The first announcement is to be distributed in mid-1992.

In order to prepare the symposium efficiently, we request all those interested to send us their wishes, comments, suggestions for papers, etc. now.

Contact: Dr. Peter Schmidt, Bibliothek, Bergakademie Freiberg, Schliessfach 47, D-O-9200 Freiberg (Sachsen) Germany. Telephone: 51 32 35 or Dr. Lieselotte Jontes, Universitätsbibliothek, Montanuniversität Leoben, Franz-Josef-Strasse 18, A-8700 Leoben, Germany. Telephone: (038242) 42 555/275

## KUDOS

Dr. Ralph E. Ehrenberg has been promoted to Chief of the Geography and Map Division of the Library of Congress.

## ERRATA

The caption for the cover photo of *Earth Sciences History*, Vol. 10, No. 1, 1991 incorrectly stated Henry Rosenbusch's life cycle dates to be 1836–1924. It should have read 1836–1914.

### "THE HEROIC AGE OF GEOLOGY"

A catalogue of rare and antiquarian books and letters on Geology, Paleontology, Mineralogy and Early Man. To include Buckland, DeLa Beche, De Luc, Parkinson, Phillips, Farey, Mantell, Martin, (Petrificate Derbiensia) Sowerby, Westgarth Forster and many more early 19th Century Geological works.

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## CALENDAR

### 1992

**June 14-17**—American Association of Petroleum Geologists and SEPM Annual Meeting, Washington, D.C., USA. Contact: Convention Department, AAPG, Box 979, Tulsa, OK 74104 USA.

**June 28-July 1**—5th North American Paleontological Convention, Field Museum of Natural History, Chicago, Illinois 60605. Peter S. Crane, Department of Geology, Field Museum.

**July 23-24**—Organic Petrology Annual Meeting, University Park, Pennsylvania. Jim Hower, Center for Applied Energy Research, 3572 Iron Works Pike, Lexington, Kentucky 40511. Phone: (606) 257-0261; Fax: (606) 257-0302.

**July 25-28**—British Society for the History of Science Annual Meeting, held jointly with its U.S. and Canadian counterparts, Toronto, Ontario, Canada.

**July 29-Aug. 1**—Meeting on the History of Geology, Troy, New York. Field trips, theme-oriented posters and papers. Contact Gerald M. Friedman, Northeastern Science Foundation, P.O. Box 746, Troy, New

York 12181-0746. Phone: (518) 273-3247; Fax: (518) 273-3249.

**Aug. 1-14**—Global Change, International Meeting, sponsored by the American Congress on Surveying and Mapping and the American Society for Photogrammetry and Remote Sensing. Contact: ACSM/ASPRS, 210 Little Falls Street, Falls Church, Virginia 22046.

**Aug. 2-5**—American Association of Petroleum Geologists International Meeting, Sydney, Australia. AAPG, Box 979, Tulsa, OK 74101-0979. Phone: (918) 584-2555; Fax: (918) 584-0469.

**Aug. 7-9**—Paleontological Research Institution Meeting, Ithaca, New York. Peter R. Hoover, 1259 Trumansburg Road, Ithaca, New York 14850-1398. Phone: (607) 273-6623.

**Aug. 16-21**—Society for the History of Technology Annual Meeting, Uppsala University, Sweden. For additional information contact: Uppsala Turist and Kongress, "SHOT", St. Persgatan 4, s-753 20 UPPSALA, Sweden. Telefax: 46-18132895.

**Aug. 24-Sept. 3**—International Geological Congress,

Kyoto, Japan. Secretary General, IGC-92 Office, Box 65, Tsukuba, Ibaraki 305, Japan. Phone: 81/298/54-3627; Fax: 81/298/54-3629.

**Sept. 11-13**—Association for Women Geoscientists Meeting, Denver, Colorado. Leslie Landefeld, Barranca Resources, 16150 W. 14th Place, Golden, Colorado 80401. Phone: (303) 278-1292. Topic: Changing environments.

**Sept. 21-25**—Paleoceanography and Global Change International Meeting, Kiel, Germany. ICP IV Organizing Committee, % GEOMAR Wischhofstrasse 1-3/ Building 4, D-2300, Kiel 14, Germany.

**Sept. 27-Oct. 1**—American Institute of Professional Geologists Annual Meeting, Lake Tahoe, Nevada. Jon Price, AIPG, Box 665, Carson City, Nevada 89702. Phone: (702) 784-6691.

**Oct. 4-7**—Society of Petroleum Engineers Annual Meeting, Washington, D.C. SPE Box 833836, Richardson, Texas 75083-3836. Phone: (214) 669-3377; Fax: (214) 669-0135.

**Oct. 12-16**—Energy, Environment and Technological Innovation International Meeting, Rome, sponsored by Universidad Central de Venezuela, and Università di Roma. Secretaría CPA, Comisión de Promoción Académica, Facultad de Ingeniería, Universidad Central de Venezuela, Edf. Decanato, Caracas, 1050, Venezuela. Phone: 58-2-6627538; Fax: 58-2-6627327.

**Oct. 26-29**—Geological Society of America and affiliated societies Annual Meeting, Cincinnati. Contact: Vanessa George, Geological Society of America, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301. Phone: (303) 447-2020.

**Nov. 15-20**—American Nuclear Society International

Meeting, Washington, D.C. Meetings Department, American Nuclear Society, 555 N. Kensington Ave., LaGrange Park, Illinois 60525. Phone: (312) 352-6611.

**Dec. 27-30**—History of Science Society Annual Meeting held in conjunction with American Historical Association Meeting, Washington, D.C.

## 1993

**Feb. 11-16**—American Association for the Advancement of Science Annual Meeting, Boston. American Association for the Advancement of Science, 1333 H. St. N.W., Washington, D.C. 20005. Phone: (202) 326-6400.

**April 15-16**—Science and Technology Policy Meeting, Washington, D.C. American Association for the Advancement of Science, 1333 H. St. N.W., Washington, D.C. 20005. Phone: (202) 326-6400.

**April 25-28**—American Association of Petroleum Geologists Annual Meeting, New Orleans. AAPG, Box 979, Tulsa, OK 74101-0979. Phone: (918) 584-2555; Fax: (918) 584-0469.

**May 17-19**—Geological Association of Canada and Mineralogical Association of Canada Annual Meeting, Edmonton, Alberta. Contact: J. W. Kramers, Alberta Geological Survey, Box 8330, Station F, Edmonton T6H 5X2, Canada. Phone: (403) 438-7644; Fax: (403) 438-3354.

**Oct. 25-26**—Geological Society of America and affiliated societies Annual Meeting, Boston. Contact: Vanessa George, Geological Society of America, Box 9140, 3300 Penrose Place, Boulder, Colorado 80301. Phone: (303) 447-2200.

## OFFICER REPORTS

The Society was founded in 1982, so we are now justified in celebrating the successful completion of our first decade. Ten years ago it took vision and courage to recognize the need for such a society and to embark upon publishing a brand-new journal. One of the noteworthy moments in Society history occurred in 1991, as *Earth Sciences History* not only attained Volume 10 status, but was professionally produced by Allen

Press. We trust that the membership appreciates the years of "desktop" publishing done by Gerald M. Friedman and the staff in Troy, while also recognizing the excellence of the photographic reproduction and printing now being done in Lawrence.

Volume 10 was our first to be printed by Allen Press and it also included by far the largest number of pages in Society history. That fact is pleasant as far as service



to members, but it does have its sobering financial consequences, to be discussed below. The "Special Arctic Issue" was very well received by members and by a considerable number of non-members, many of whom ordered their own copies.

Response to the election process and to the addition of mini-biographies of the candidates continued to be positive in 1991. Our President-Elect is Rachel Laudan (Univ. of Hawaii), our new Program Officer is Ronald Rainger (Texas Tech Univ.), and our Councilor for 1992-93 is Martin Guntau (Universität Rostock, Germany).

During the past year the Society suffered the loss of Ralph W. Dexter, John S. Stevenson, and T. J. Verbeek. If members become aware of the deaths of Society colleagues, the Secretary would appreciate being notified.

Serious but not debilitating financial difficulties were caused in 1991 by the intersection of our extremely low dues structure with production costs generated by Volume 10, Number 2 of *Earth Sciences History*. That fact directly affects the future of the Society, as you may realize, after receiving the Ballots and Dues Notices. In the introduction to this report I noted that the Society had nicely weathered its first decade and was now offering its members a journal of high quality, in both content and production values. The difficulty is that our dues, purposefully set low in order to serve a wide readership, were not sufficient to carry us through the production of ESH, as it has evolved into a large and professionally printed journal. The Treasurer's Report for 1991 provides further insight into our dilemma. We do want the entire membership to understand the nature and cause of the bittersweet reality that generating worthy products does have associated costs. The dues increase that you voted on (or soon will) was designed only to protect the Society's operation. Comparison with subscription rates of other journals will show what a bargain ESH remains.

Attempts to generate a 1992 Membership Directory or an Index for ESH's first decade must of necessity be tied to the Society's financial well-being. Publication of our journal is probably uppermost in the minds of most members, but Council does want to supply as many benefits as resources will allow. Do, please, continue to tell potentially interested colleagues about the Society, and lobby for your librarians to subscribe to

*Earth Sciences History*. Let's try to make the Society's second decade even better than the first.

Respectfully submitted,  
Kennard B. Bork

## REPORT OF THE TREASURER FOR 1991

Total Society revenues accounted for by the Treasurer for 1991 were \$17,110.39. These funds were from: membership dues, subscriptions, sale of back issues, page contributions donations, and interest. This is slightly better than income for 1990, but still inadequate to fully support the costs of *Earth Sciences History*.

The Treasurer recommends more realistic dues at \$30, and subscriptions at \$40. minimum, and hopes that the Society approves these increases so that we may continue to have an excellent journal.

There continues to be some confusion on member dues payment schedules. The dues notices were sent out by the Secretary in June 1991 and were immediately payable. Almost half the membership had not replied by November! Needless to say, this creates havoc with the Society's cash flow! Dues and any donations are most welcome by the Treasurer at any time before formal dues notices and will be accredited ahead if indicated.

I wish to thank the Assistant Treasurers in Canada, The United Kingdom, Spain, Australia, and Germany for their fine efforts in gathering dues.

Thanks for page contributions go to: B. Howell, K. Bork, A. Leveson, J. Lloyd and R. Silliman.

The Treasurer acknowledges for the Society the generous donations from the following individuals: A. Millbrooke, E. Drake, K. Bowker, M. Carozzi, A. Carozzi, K. Sergeant, R. Shrock, B. Skinner, R. Feldmann, E. Baitis, G. Corwin, D. Grafton, F. Holland, T. Pickett, S. Newcomb, D. Agnew, M. Aldrich, G. Geiser, J. Prucha, G. Luepke, B. Elchison, B. Narendra, G. Friedman, E. Yochelson, R. Ginsberg, J. Inners, K. Mark, K. Bork, A. Ospovat, T. Osbert, D. Hight, R. Lindman, A. Leviton, W. Glen, J. Lloyd, D. Krause, L. LaPorte, and anyone else I may have omitted.

Respectfully submitted,  
Thomas E. Pickett