

GIS newsletter

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4,500 EXPECTED TO ATTEND GSA MEETING IN INDIANAPOLIS

An estimated 4,500 people are expected to attend the 96th Annual Meeting of the Geological Society of America and its associated societies in Indianapolis October 31-November 3. We hope that a sizeable number of GIS members will attend. Over 1,400 speakers will present a broad range of symposia and other technical sessions, workshops, forums, short courses and field trips. 150 booths will fill the exhibit area. The GIS symposium "Roles and Responsibilities in Geoscience Information," technical and poster sessions and individual group meetings were discussed in the July issue of the GIS newsletter. Among the highlights of this year's GSA program are: Examination of high-level nuclear waste disposal problems, including a report of timing and decision points scheduled by the Nuclear Regulatory Commission; evaluation of geochemical problems in the People's Republic of China by a delegation of prominent Chinese geoscientists; prediction of the effect of Gross National Product on public policy; exploration of a new paleoclimatic technique for identifying sources of high-quality coal reserves; celebration of the 75th Anniversary of the Paleontological Society by outstanding scientists describing frontiers in paleontology; speculation of the effects of asteroid impact on the earth's surface and the effects of tectonic activity related to the possibilities of life on Venus; and description and prediction of the consequences of powerful explosive volcano activity.

1983 GSA GUIDEBOOKS WILL BE AVAILABLE OCTOBER 15

Field trips in Midwestern geology, a two-volume guidebook for the 1983 GSA Annual Meeting sponsored by the Geological Society of America, Indiana Geological Survey and Department of Geology, Indiana University, will be available October 15. The publication is edited by Robert H. Shaver and Jack A. Sunderman. The publication's format is 8 1/2 by 11 in., soft cover, perfect bound and contains 248 pages in volume one, 252 pages in volume two. The price is \$10.00 for each volume, \$20.00 for the set. Orders accompanied by payment (check or money order payable to the Indiana Geological Survey) should be sent to the Publications Section, Indiana Geological Survey, 611 North Walnut Grove, Bloomington, IN 47405.

GIS NOMINATIONS COMMITTEE ANNOUNCES 1984 CANDIDATES FOR OFFICE

The GIS Nominations Committee (Nancy Crossfield, Louise Zipp, and Mary Scott, Chair) have announced the following candidates for 1984 GIS offices: President-elect: Mary Ansari, University of Nevada-Reno, and Claren Kidd, University of Oklahoma, Norman; Treasurer: John Crissinger, Virginia Polytechnic Institute and State University, Blacksburg, and Elizabeth Morrissett, Montana College of Mineral Science and Technology, Butte. Unni Rowell, Exmin Corporation, Bloomington, will become President and MaryAnn Whitney, Standard Oil Company of California, San Francisco, will serve her second year as Secretary. Ballots have been mailed to all GIS members and the results of the election will be announced at the Annual Meeting.

VOLUME 1 OF FOSSIL BRYOZOA REVISION HAS BEEN PUBLISHED

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The first volume of a probable five-volume revision of fossil bryozoa was published August 4 as Part G(1) of The Treatise on invertebrate paleontology. The major goal of this revision is to provide a workable reference to identify bryozoa above the species level. The taxonomy is based on the reexamination of critical specimens, a reevaluation and increase in the number of taxonomic characters, and reclassification where necessary. Taxonomic characters range from microscopic to colony-wide, requiring new illustration at different magnifications. Systematic descriptions pertaining to two orders, the Cystoporata by John Utgaard and the Cryptostemata by D.B. Blake and O.L. Karklins, are included in this volume. Treatise Part G, Bryozoa, Revised, Vol. 1 is available for \$48.00 from The Geological Society of America, P.O. Box 9140, Boulder, CO 80301. The publication contains 626 pages and 1,595 photographs and line drawings.

ALA MAP AND GEOGRAPHY ROUND TABLE ISSUES CALL FOR 1984 PAPERS

CALL FOR PAPERS: MAGERT DALLAS PROGRAM--The American Library Association will be meeting in Dallas, June 23-28, 1984. Papers are welcome on the following themes: map preservation; map library administration/employee training; exploration and mapping of Texas; new mapping technologies; and maps as geographic tools or information sources. Spoken presentations should be planned for no more than 20 minutes, although papers may well be lengthy. Please send a title and brief description or outline by November 15, 1983. Paper selection will be made by December 1, 1983. Papers accepted for presentation will be considered for publication at a later date. Contact: James A. Coombs, Map Collection, Meyer Library, Southwest Missouri State University, Springfield, MO 65804.

ELF AQUITAINE PUBLISHES REVISION OF FRENCH TRANSLATION

Dynamics of oil and gas accumulations, an entirely revised, updated edition of Alain Perrodon's 1980 work, has been published by Elf Aquitaine. The publication, translated by Nissin Marshall, discusses the evolution of sedimentary basins; hydrocarbon occurrences as linked to the geology and chemistry of source rocks, reservoir genesis, migration, traps, etc.; petroleum provinces; and exploration philosophy. The hardbound publication has 368 pages, 220 figures, 5 tables, 4 plates, and is priced at 240 FF (approx. \$32.00 U.S.), postage and handling included. Orders should be sent to Elf Aquitaine, Documentation Centre Micoulau, 64018 Pau, France.

SEABED MINERALS SERIES FOCUSES ON MANGANESE NODULES

Graham and Trotman Ltd., in cooperation with the United Nations, has published the first three titles in a major new series of nine volumes studying the development of manganese nodule resources, the deep sea minerals which are the most promising new source of cobalt, manganese, nickel, copper, molybdenum, and titanium. The studies deal systematically with the assessment of manganese nodule resources; the technology for exploring, mining, and processing these minerals; delineation of mine site and identification of potential areas of interest in different oceans; mining project economics; legal framework for mine development and management; and activities of international private consortia and public entities in mine development. The studies are supported by drawing on the comprehensive, computerized database of manganese nodule data maintained by the World Ocean Sediment Data Bank at Scripps Institution of Oceanography. The available volumes are: Vol. 1:

Assessment of manganese nodule resources, 90 p., ISBN 0-86010-347-1; vol. 2: Analysis of exploration and mining technology for manganese nodules, 144 p., ISBN 0-86010-348-X; and vol. 3: Analysis of processing technology for manganese nodules, 104 p., ISBN 0-86010-349-8. Each volume is available for £12.00/U.S. \$22.00 plus postage from Marketing Department, Graham and Trotman Ltd., Sterling House, 66 Wilton Road, London SW1V 1DE.

LITERATURE CITATIONS

Arizona index to the Mineralogical record, 1970-1983. Mineralogical record, vol. 14, no. 5, September-October 1983, p. 344-351.

A directory of societies in earth science. Geotimes, vol. 28, no. 8, August 1983, p. 16-24. U.S. state surveys, *ibid*, p. 25-26.

McEwen, Robert B. et al. USGS digital cartographic data standards; overview and USGS activities. U.S. Geological Survey. Circular 895-A, 1983, 20 p.

Wilkes, G.P. and Henderson, James A., Jr. Bibliography of Virginia coal. Virginia. Division of Mineral Resources. Publication 39, 1983, 18 p.

GIS MEMBERS IN THE NEWS

Bea Lukens, GIS Treasurer, and Earth Sciences Librarian at the University of California, Berkeley, is retiring the middle of October. Bea is a longtime member of GIS and has been actively involved in many of the Society's activities. She has assured us that she will continue her membership. Best wishes to you in your retirement, Bea!

New GIS Members

Elizabeth Frebold
Head, Information Services
Geological Survey of Canada Library
Room 350, 601 Booth Street
Ottawa, Canada K1A 0E8
613/995-4163

Henry Zoller
U.S. Geological Survey Library
National Center, Mail Stop 950
12201 Sunrise Valley Drive
Reston, VA 22092
703/860-6671; FTS 928-6671

1983 GIS Officers

PRESIDENT: Regina Brown, Orton Memorial Library of Geology, The Ohio State University, 155 South Oval Drive, Columbus, OH 43210 (614/422-2428)

PAST PRESIDENT: Mary W. Scott, Bibliography Department, Chester Fritz Library, University of North Dakota, Grand Forks, ND 58202 (701/777-4638 or 777-2617)

VICE-PRESIDENT and PRESIDENT-ELECT: Unni Havem Rowell, Exmin Corporation, 1111 North Walnut, P.O. Box 2655, Bloomington, IN 47402 (812/332-1874)

SECRETARY: MaryAnn Whitney, Standard Oil Company of California Library, Room 1410, 225 Bush Street, San Francisco, CA 94104 (415/894-3370)

TREASURER: Beatrice Lukens, Earth Sciences Library, University of California, Berkeley, Berkeley, CA 94720 (415/642-2997)

The *GIS newsletter* is published bi-monthly in February, April, June, August, October and December by the Geoscience Information Society. Subscription to the *Newsletter* is \$20.00 per year and is included in the Society's annual membership dues. All correspondence relating to dues, membership status and address changes should be directed to the GIS Secretary.

GIS members are invited to contribute articles or news of general interest to the membership. Please submit all material to the Editor by the first of the month, one month prior to publication.

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