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PRESIDENT'S COLUMN

I am pleased to note that Alan Murray has joined the members of the GIS Ad Hoc Committee on International Initiatives.

The *Proceedings* volume for the 1991 Annual Meeting will be in final review when this issue reaches you. We expect copy to be at the printers by late April. My thanks go to the authors for their papers and their special efforts to produce this year's volume. Special thanks go to Amanda Masterson for her work in preparing the camera-ready copy; thanks also go to the Texas Bureau of Economic Geology for their support in this effort. Your *Proceedings* volume will again be accompanied by a copy of the GIS Membership brochure; this is so you will have one handy when someone asks you for information about GIS. It will also be accompanied by a copy of the publication "Earth Science Resources for Teachers 1992" which the GIS Ad Hoc Committee on Educational Initiatives helped to compile, and which has

been printed and distributed by AGI with support from the GIS Ruth Bristol Fund.

1992 Annual Meeting: Its time to begin thinking about submitting an abstract for an oral session or a poster session at the 1992 Annual Meeting. Louise Zipp has included information on obtaining abstract forms in the Vice-President's column.

This is a brief reminder that Mid-year reports from officers and committee chairs are due to me by April 30.

The GIS Executive Board has scheduled a conference call for April 24. Please let me know of any concerns that should be brought before the Board at that time.

VICE-PRESIDENT'S COLUMN

I am pleased to announce the speakers and tentative paper titles for the 1992 GIS symposium "Preserving Geoscience Imagery":

-- Mary Scott, Head, Mathematics Library, Ohio State University, "Digital imagery: here today but what about tomorrow?". This paper will cover preservation problems and practices for this new medium of publication.

-- Connie Wick, Librarian, Kummel Library, Harvard University, "Image-related aspects of preserving high-use geoscience literature by deacidification". Connie will tell us about a project now underway at several Harvard collections.

-- Isabella Hopkins, Head, Special Collections Section USGS Library, Denver, "U.S. Geological Survey field records and photographs: preservation and usage of geoscience imagery". Isabella and her staff will focus on materials from the USGS and aspects of their current use.

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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 \$30 per year and is included in the Society's annual membership dues. All correspondence regarding dues, membership status, and address changes should be directed to the GIS Secretary.

GIS members are encouraged to contribute materials for publication. Research articles and technical reports should be submitted to the Editorial Board for review and possible publication. Information reports, officer and committee reports, publication notices, job announcements, and other news items should be submitted to the News Gathering Editor.

Material for the June, 1992 issue of the GIS Newsletter should be received by the editors no later than May 20, 1992. If possible please send materials on IBM-compatible disk (Wordstar 3.3, Wordperfect 5.1, or ASCII format) or by e-mail to Connie Manson.

-- Julia Golden, Paleontologic Curator, University of Iowa Department of Geology, "Endangered photographic resources: an academic department's hidden assets". Julia will describe photographic collections, found in many older academic geology departments, their value and need for preservation. Some of the University of Iowa's early photos taken by Samuel Calvin will be shown.

-- Liz Clancy, Photo Archives, Denver Museum of Natural History, "Practical procedures for preserving photographic potpourri". Rather than an institutional approach to preservation, this paper will specify actions an individual geoscientist can take to properly care for a professional collection.

The following three papers are related to innovative work done recently at the federal level to preserve photographs through laser disc technology. The "Photographic Collection of the U.S. Department of Agriculture" will be demonstrated at the symposium.

-- Richard Myers, National Archives and Records Administration, "Bringing images to the scholars: laser disc systems".

-- Alan Fusonie, Head, and Ron Young, Audio/Visual Information Specialist, Special Collections, National Agricultural Library, "The laser disc in the 1990's: improving image preservation and end user access".

-- Jim Wallace, Director/Curator, Office of Printing & Photographic Services, Smithsonian Institution, "Electronic imaging in a comprehensive program of photographic preservation".

In the next issue of the Newsletter, I will have a tentative schedule of GIS events at the annual meeting. In the meantime, I hope you are developing ideas for volunteered papers and posters. Abstract forms are available from me or from the GSA Abstracts Coordinator (Geological Society of America, P.O. Box 9140, Boulder, CO 90301 303/447- 8850). Please let me know if I can help you.

LETTERS TO THE EDITOR

Dear Editors:

Having read the articles by GIS members in the recent issue of *The Compass*, I was a little disappointed that there was only a single mention of one of our information services/products (see p. 90 of Dena Fracolli's article) and that was inaccurate in that subject and author indexes have been published since 1985. I realise that the authors could only be

selective in their identification of sources but I would have hoped that what is probably the most important single source of international minerals industry information would have received a little more coverage.

It occurs to me that the reason for this may simply be that GIS members are generally unaware of what we can provide. Accordingly, I enclose a copy of an article published last year in *Minerals Industry International* [May 1991, p. 30-31], our members' journal, in the hope that you may be able to re-print it in the *GIS Newsletter*. You may wish to omit the user's letter at the beginning of the article and the section at the end on staff, etc., but I do feel that the remainder would be of interest to GIS members.

Please do not hesitate to contact me if you have any queries or comments. Salutations from one of your non-North American members.

Yours sincerely,

Michael McGarr
Head, Library and Information Services

[Editor's note: We regret we lack the space to reprint the whole item. If members don't have access to the journal, contact Connie Manson for copies.]

Dear Editors:

Mike McGarr sent me a very nice note correcting my *Compass* article. I had for some reason noted that there are no printed author and subject indexes for the IMM, when of course, author and subject indexes have been printed since 1985.

Members should correct their *Compass* issue (p. 90) as above, especially if used for teaching. With my apologies to IMM,

Dena Fracolli

Best Geoscience Reference Book Committee

The Committee is considering titles published in 1990, 1991, and 1992 for this year's award and encourages recommendations from the membership. Send your suggestions by April 24 to John Kawula, University of Idaho Library, Rayburn Street, Moscow, Idaho 83843; phone 208/885-6235; fax 208/885-6817; e-mail libradmn@iduil.csr.v.uidaho.edu).

Collection Development Issues Committee

The Collection Development Issues Committee is soliciting discussion ideas for the 1992 meeting. The Committee will continue to present information on price changes for geoscience material. However, we are also interested in focusing on one or two discussion topics which GIS members would find useful. All ideas are welcome. Please send to (e-mail preferred):

Steve Hiller
Head, Science Libraries FM-25
University of Washington Libraries
Seattle, Washington 98195
E-MAIL: hiller@u.washington.edu

Directory of Geoscience Libraries, United States and Canada, 4th edition

By now, you all should have received your questionnaires. If not, or if you have any questions or problems, contact your Regional Editor:

Canada (All provinces): Ian Gordon
Western U.S. (AK, CA, HI, ID, MT, NV, OR, UT, WA, WY): Connie Manson
North central U.S. (CO, IA, IL, IN, KS, MI, MN, MO, NE, ND, SD, WI): Diane Baclawski
South central U.S. (AZ, NM, OK, TX): Carol Gill
Southeastern U.S. (AL, AR, DC, FL, GA, KY, LA, MD, MS, NC, OH, SC, TN, VA, WV): Margy Walsh
Northeastern U.S. (CT, DE, ME, MA, NH, NJ, NY, PA, RI, VT): Lynne Fortunato

Work on the Directory is on schedule. Watch This Space for further developments.

New Appointments at AGI

The American Geological Institute appointed a new Executive Director, Marcus E. Milling, February 24. Dr. Milling was associate director of the Texas Bureau of Economic Geology and the director of the Geoscience Institute for Oil and Gas Recovery Research. Before working for the Bureau he was employed by 2 oil companies. He received his master's and Ph.D. from the University of Iowa.

As executive director, Milling will supervise more than 50 employees who work in professional and information services for geoscientists and the general public. He will also work with officers and administrators of AGI's member societies and will represent the Institute at the various geoscience and other science-related activities in Washington, D.C.

Craig M. Schiffries was appointed Coordinator of AGI's Geosciences Advocacy Program. One of the few geologists on Capitol Hill, Schiffries has worked on legislation to ensure that laws keep pace with changes in technology. His main responsibilities will be to identify, track, and analyze federal legislation, policies, and programs affecting the geosciences and affected by geoscience information; to network with policy-level staff members of Congressional committees and Executive agencies; to make geoscience expertise readily available to Congressional committees and Executive agencies; to provide information on relevant issues to AGI member societies and the geologic community; to coordinate the preparation and distribution of position papers; and to interact with other science-policy programs and groups.

GIS List Server Established

Notice to GIS members: The long awaited list server for the Geoscience Information Society has been established through the computing center at Indiana University. You may join the list by sending the following e-mail message:

TO: LISTSERV@IUBVM
[leave subject blank]
Message: Subscribe GEONET-L [your name]

Example- Subscribe GEONET-L Philomena Tremor

The GIS Executive Board will be creating a ListServ Committee in the near future.

Revision of Cartographic Materials

Cartographic materials: a manual of interpretation for AACR2 was published in 1982 and requires revision. Some aspects of cartographic materials not previously covered must be added, and other parts should be examined to determine how they should be changed to bring them into conformity with AACR2 revised. In addition, librarians have had 10 years to use the manual and to identify areas where information is not clear or is missing or incorrect.

About two years ago the Secretariat of the Anglo-American Cataloguing Committee for Cartographic Materials, which is at the Geography and Map Division of the Library of Congress and was in the charge of John Schroeder, began to ask for comments from various groups dealing with cartographic materials on whether the manual should be redone. The consensus was that the manual should, indeed, be redone. A roster of the new Committee included representatives from national map bodies and from associations in several countries. In the U.S. there are representatives, for example, from the Geography and Map Division of SLA, the Map and Geography Round Table of ALA, the Western Association of Map Libraries.

I was appointed the representative to the AACCCM from the SLA Geography and Map Division. Since I also am a member of the Geoscience Information Society, I would be happy to hear from GIS members about their suggestions, proposals, concerns, etc. I can be reached by telephone at 310/825-3438, FAX at 310/206-3908, e-mail at ecz5ctt@mvs.oac.ucla.edu, or by regular mail at the UCLA Physical Sciences and Technology Libraries, 8251 Boelter Hall, 405 Hilgard Ave., Los Angeles, CA 90024-1598.

The work on revision of the manual was delayed first because of work being done at LC on their new "Map Cataloging Manual," and then by the death of John Schroeder. Betsy Mangan has been appointed to replace him with the Secretariat duties, and I anticipate that there will be some proposals considered during the next year.

Please contact me with your ideas and suggestions.

Dorothy McGarry

Russian Information Broker

There is now an information broker in Moscow, Russia--Marina Rebrova; electronic address: Rebrova@labtam.msk.su. [A GIS member reported using this service, and it worked: the request was made via Internet on Jan. 17, and the item was received in the mail on Feb. 14.]

As Marina Rebrova describes her services:

"My normal turnaround is in one month. If the articles are available but difficult to procure, I will in that case let a user know the length of time needed at the end. We send Xerox copies or microfilm frames by air mail or through our U.S. representative.

"A user could contact me via e-mail directly or via my U.S. representative who send me inquiries via E-mail. Libraries contact me by usual mail. My U.S. representative collects inquiries, send me them, collect payments.

Our prices are reasonable.

-- Copying an article from journal or a book from the library: \$15.00 per article up to 20 pages and 0.25 for each additional page over 20. Price includes retrieval and copying.

-- Copying of information from Archives, Museums, manuscript division: \$1.00 per a page or a microfilm frame plus \$20.00 per archive (museum, division) handling charge plus \$25.00 per my service handling charge. \$10.00 per an hour of bibliographic search of documents on a general inquiry such as 'Incoming letters of an embassodor X.'

--Preparing a list of manufactures/producers of a specific production: \$100.00 per a list up to 100 manufactures

-- Preparing a list of Soviet standards and specifications, articles, reviews, patents from Soviet databases: \$0.50 per an item plus \$25.00 - service handling charge.

-- Preparing of family history and other genealogical information: \$1.00 per a page from archive plus \$10.00 per a search hour.

-- Prices on shipment according to DHL-Worldwide Express mail: \$4.00 per a page. (Therefore I prefer for mailing via our representative).

Please note: I accept checks drawn on US Banks, forwarded to a US address of my representative."

More budget cuts

The Florida Sinkhole Research Institute at the University of Central Florida has been closed due to budget cuts at that institution. This group was active in karst research and provided the impetus for 3 international conferences on problems relating to sinkholes during the past few years.

Springer closed its North American geology division last month. Also closed down were engineering, psychology, and computer science. What this means is that Springer's North American authors and potential authors will be required to work through the German offices if they wish to continue to publish with this firm. It makes publishing through Springer more difficult for North American authors and we will likely see Springer books mainly by European authors in the future. No more buy American made!

More News:

-- Springer has taken over the publication of the Circum-Pacific Council of Energy and Mineral Resources Earth Science Series starting with v. 14 (\$42, due 3/92).

-- GeoArchive will soon be available on compact disc. The price for libraries that don't subscribe to any of their print products is \$1995. [Editor's note: We hope to be able to review this product.]

-- The Proceedings of Lunar and Planetary Science will cease publication with the February, 1992 issue. The Lunar and Planetary Information staff will investigate the changing needs of their community in order to design a new periodical that could afford more rapid publication of new results and reflect the increasingly interdisciplinary nature of today's research.

Editors' Note: This section included items contributed by Marie Dvorzak, Judy Geitgey, Lois Heiser, Sara Layne, Dorothy McGarry, Michael Noga, Jim O'Donnell, and Rich Spohn.

PUBLICATIONS

Nevada Publications List Published

Nevada Bureau of Mines and Geology publications through 1989, by Susan L. Tingley and Linda P. Newman, has been published as Nevada Bureau of Mines and Geology Special Publication 12.

30-Second U.S. Topography Data for Personal Computers

The National Geophysical Data Center has developed a digital topography data and software package designed for personal computers. The package contains a complete 30-second resolution point topography data base for the conterminous United States and a set of software for accessing the data. The entire set sells for \$310, or for \$50 for a single region plus \$20 for each additional region (data contributors and academic researchers may obtain data by special arrangement). For information call 303/6764; fax 303/497-6513; internet info@ngdc1.colorado.edu; telex 592811 NOAA MASC BDR, or write

National Geophysical Data Center
NOAA
Code E/GC1
325 Broadway
Boulder, CO 80303

Sri Lanka Publications List

Journal of the G.S.S.L

Vol. 1 - 1988 US \$25 (Their pub. 5)

Vol. 2 - 1989 US \$25 (Their pub. 7)

Vol. 3 - 1991 US \$30 (Their pub.11)

Pub. 1 Symp. on Geol. of Sri Lanka - Abst. (1983) \$20

Pub. 2 L.J.D. Franando (1986) [No other info. given] \$20

Pub. 3 Precambrian Event in Gondwana, Abst. (1987) \$20

Pub. 4 -DO- Guide to Excursions (1987) \$10

Pub. 6 Symp. on Geoscience & Environment - Abst. (1989) \$30

Pub. 8 Symp. on Geoscientific Cont. to Development in Sri Lanka - Abst. (1990) \$10

Pub. 9 2nd Int. Symp. on Geol. of Sri Lanka - Abst (1991) \$20

Pub. 10 Guide to Excursions to Kaikawala, Rattota \$10

For additional information, contact:

Geological Society of Sri Lanka
Dept. of Geology
University of Peradeniya
Peradeniya, SRI LANKA
Telephone (08)88301-05
FAX: 094-(0)88151

Foreign Materials Available

The Pennsylvania Geological Survey is withdrawing publications produced by foreign surveys from their collection and offering them to any interested library. For a list of the available publications, please contact:

Sandra Blust, Librarian
Dept. of Environmental Resources
Bureau of Topographic and Geologic Survey
P.O. Box 2357
Harrisburg, PA 17105
Fax: 717-783-7267

Library Automation Style Guide

Yikes! Is it "database," "data base," or "data-base"? "CD-Rom" or "CD-ROM"? And just what does ASCII stand for, really? Find out in the very handy, FREE *Library automation style guide*, available from Gaylord Information Systems, 1-800-962-9580.

BOOK REVIEWS

Earth Science Education for the 21st Century: A Planning Guide: Alexandria, Virginia, National Center for Earth Science Education, American Geological Institute, 1991, 34 p. (0-922152-11-X) 10.00.

-- reviewed by Mary W. Scott

Earth Science Education for the 21st Century is a compilation of the goals, concepts, and recommendations developed by scientists, science educators, school administrators, and teachers who attended one or more of the regional conferences held by AGI. The purpose of this guide is to provide a foundation for the development of new K-12 earth science curricula. It was prepared primarily for individuals with little or no background in earth science but will be of interest to earth scientists as well. It is divided into four sections: Goals for earth science education, Essential concepts in earth science, Teaching earth science, and Implementation of earth science in grades K-12. The section on the essential concepts in earth science is perhaps the most important part of this guide. The eight concepts are well presented in the guide, and these concepts are the foundation of the new earth science curricula. This guide is a starting point for discussion, planning, and implementation of the new curricula. It should be read not only by scientists, educators, and administrators but also by parents.

Earth Science Content Guidelines Grades K-12: Alexandria, Virginia, National Center for Earth Science Education, American Geological Institute, 1991, 76 p. (0-922152-13-6) 15.00 for single copy.

-- reviewed by Mary W. Scott

Earth Science Content Guidelines Grades K-12 is based on the goals and concepts developed in *Earth Science Education for the 21st Century: A Planning Guide*. It is divided into six content areas: Solid Earth, loped in Earth Science Education for the 21st Century: A Planning Guide. It is divided into six content areas: Solid Earth, Water, Air, Ice, Life, and Earth in Space. Writing teams of teachers, science educators, and scientists developed sets of Essential Questions coupled with Key Ideas to be presented, and suggestions for seeking answers to the questions. The Essential Questions within each content area are organized by grade level groups: K-3, 3-6, 6-9, and 9-12. The intent of this report is to serve as a working document to stimulate further discussion and experimentation to improve precollege earth science education. The Notes section includes references to a limited number of videos, books, and other resources for each of the six content areas. This report is a good resource for anyone involved in teaching earth science or developing curricula for any grade level.

The Incomplete Guide to the Art of Discovery, by Jack E. Oliver. New York, Columbia University Press, 1991, 208 p. (0-2310762-07) hardcover \$45; paperback \$17.95

-- reviewed by Susan Klimley

Librarians are in a unique position to observe how science works. Over the years, my interest in science and how it's done has led me to the wonderful literature of "sociology of science"-papers by Merton; *The Structure of the Scientific Revolution*, by Kuhn; and the works of researchers like De Solla Price who examine literature and the working of science. It's very interesting to see how sociologists think a research topic is chosen or how they evaluate the relationship between mentor and student. Then I ask the students and researchers I work with how the theories correspond to real life.

Thus, I was delighted when a new Columbia University Press book, *The Incomplete Guide to the Art of Discovery*, appeared on my desk. Written by a former Lamont, Jack Oliver, *The Incomplete Guide to the Art of Discovery* is about scientific research. What the title doesn't tell you is that almost all of Oliver's

examples are from geology. The book is not a formal representation of the scientific method but more of a seat-of-the-pants discussion of how to do science--how to make the BIG discovery. Along with Oliver's own hand-drawn cartoons, the book includes everything from observations on the plate tectonics revolution to how to choose a graduate school and the right attitude for science. Oliver praises hard work, enthusiasm, dreaming, and audacity.

Oliver makes wonderful comments about the scientific literature. He talks of skimming the entire Bulletin of the Seismological Society of America and suggests that random reading of papers adjacent to cited papers may be as fruitful as following the citation chain. He sings the praises of the old literature, supporting librarians fighting the "remote storage" battles. Oliver also writes with unusual clarity on the importance of pattern recognition in geology, maintaining that seeing the spatial pattern is the key to understanding the earth's complexity. I have already quoted one of his comments in my own papers: "The geologic map is probably the single most important form of information used in understanding the earth" (p. 78).

Oliver also writes about the words carved just below the roof of the Schermerhorn building, where the Geology Department was housed before its move to Lamont. "Speak to the earth and it shall teach thee." Talking to the earth always struck me as an unrewarding endeavor, a one-way conversation, at best. But Oliver points out that this legend comes from the King James version of the Book of Job. In fact, he slightly rewrites it--"Speak (listen) to the earth and it shall teach thee"--and uses it to reinforce his great belief in observational geology.

I have found that some of the most frequently requested books from the new book shelf are on the history of geology. This book is sure to be just as popular, not only with Lamonters eager to read the work of a former colleague but also with geologists and geology students in many other institutions. *The Incomplete Guide to the Art of Discovery* is an engaging read and a valuable contribution to our understanding of how science is really done.

AGI Data Sheets for Geology in the Field, Laboratory, and Office, 3rd edition, compiled by J. Thomas Dutro, Jr., Richard V. Dietrich, and Richard M. Foose. Alexandria, Virginia, American Geological Institute, 1989 (0-9221152-01-2), 34.95.

-- reviewed by Amanda R. Masterson and R. P. Major

The idea for a set of data sheets summarizing useful geological information dates from 1957, when the first data sheet was published in the AGI Geological Newsletter. Since that time AGI has assembled numerous data sheets, and, through several rounds of compilation and organization by committees, has published these data sheets as a free-standing volume. The latest version, the third edition, is now available in loose leaf (a bright-orange 6-ring plastic cover binder) format with 8 x 17 cm size pages of stout light-green paper (a few of these pages fold out to nearly double this size). This edition is packed with 261 pages (128 data sheets) of succinctly summarized information, a preface, a table of contents, and an index.

What kinds of geological information are summarized in AGI data sheets? A more apt question is what kinds of information are not here. Data sheets range from the obvious (rock and mineral classification charts, English/metric conversion tables, geologic and paleomagnetic time scales), to less obvious (periodic table of the elements, map and aerial photograph coverage of the United States, use of Mohr's circle in geology), to the truly esoteric (gemstone durability, checklist for a mine report, rules for the short form of CIPW Norm). You left for the field without a stereo net? Data sheets containing an equal area and a Wulff net are in this volume in fold-out format. It's been years since you corresponded with the Namibia Geological Survey and you've lost their address? That address, and those of virtually every state and national geological survey or division of mines, are on a data sheet. You used to be able to draw the diopside-anorthite phase equilibria diagram from memory, but now you need to check this? It's there, along with several other key phase equilibria diagrams.

All the information here is available in primary and secondary sources elsewhere, of course, and for this reason AGI data sheets should not be cited as a literature reference. Nonetheless, this extremely compact and well-organized presentation is exceptionally convenient, and the primary references are clearly identified in case you really do need a citation. We recommend this moderately priced summary for personal as well as university and corporate libraries, and we recommend that you toss it into your glove box or briefcase when you travel.

Report on the Joint Task Force on Text and Image

#4

by

Susan Klimley, Library
Lamont-Doherty Geological Observatory of
Columbia University

In order to get the pilot preservation project on the New York State Museum Service *Bulletin* underway, it has been necessary to select a subset of the *Bulletin* that represents the various attributes of image that make preservation so troublesome. A set of criteria for inclusion were developed. Initially, we had hoped to use a continuous run of numbers and have examples of various image types and sizes in a variety of subject areas.

The only way to do the selection and calculate whether the criteria were being met was to laboriously examine each number. The number's title, pagination and detailed notes on the images were recorded. These were then totalled up so we could see what images would appear in a given range of numbers.

Initially, about 20 numbers were examined. We found that some numbers did not contain any images at all. Since the pilot project is being done specifically to address the issue of images, we decided to eliminate those numbers without images. As a result, the criteria of using a continuous run of the title would not be met. We found that the number of pages per number was greater than estimated so the number of issues to be included was reduced. We found that the ratio of images to text, especially color images, was lower than we had anticipated, so fewer color images will be included. The subject distribution, not unexpectedly, turned out to be heavy in geology and I was asked in the second stage of selection to add more non-geological titles.

The proposal, as it now stands, includes 28 numbers of the New York State Museum *Bulletin* published between 1905 and 1908 or 6306 pages of text. There are black and white line drawings, photographs, microphotographs and lithographs. 539 images are "embedded" in the text (i.e., the text wraps around the picture), 392 are page size "plates" and 43 are oversize.

Geological themes are well represented and include photographs of geologic sites, thin sections and specimens; examples of lithographs of paleontological specimens common in the 19th Century; sketch maps, engraved maps and even a seismograph record. Interestingly, none of the numbers having "embedded" images are geologic--that style of illustration in this group is utilized by the botany and entomology publications.

There are 19 page-size and 36 oversize color images. Most of these are geologic, although there are some interesting botanical illustrations in color. None of the color illustrations are photographs.

The subject distribution is as follows:

- archaeology/anthropology 4
- botany 4
- entomology 6
- general science 1
- geology 12
 - building stones 1
 - hydrogeology 1
 - mineralogy 1
 - paleontology 2
 - regional geology 7
- zoology 1

A variety of areas of geology that have concerned us are represented in this selection. In addition, the project is broad enough to include a number of areas in natural history that have problems with images in historic materials.

The variety of preservation issues raised by a careful examination of the material never ceased to amaze me. An early report I wrote mentioned the Joint Task Force's interest in "adjacency" (were the images next to the text?). It was interesting to find that apparently the publishers of these numbers had different points of view on this issue. Obviously the small embedded line drawings were right next to the text. But plates were handled in a number of different ways. Some numbers place the plates throughout the text, adjacent to the text which comments on them. Other numbers gather the plates at the end of the number--more like many of the books we see today. An added complication can be seen in how the captions were handled. In many of the numbers

which had gathered the plates at the end of the text, the captions were placed on the back of the tissue directly across from the plate.

The numbers examined for this project had more oversize materials "tipped in" to the text rather than tucked into a pocket in the back of the number. The tipped in images are done more ways than can be imagined. Sometimes a 12- inch square map folds up and out. Sometimes an 8" x 20" unfolds out through several folds. Other times, a narrow inch flap of image is just folded over. These materials are particularly at risk for damage, even under the best of circumstances. They've always been hard to unfold and refold. And we all know how people try to photocopy them... Now that the paper is brittle, it is very hard to get them open at all. As an aside, in the case of this NYSM Bulletin, the paper that was used to make the pockets was much more acidic than the rest of the publication and the pocket is no longer intact.

And let's talk about the range in size. In this day and age of standardization, it boggles the mind to see the variation in size of oversize material. You would have thought that printing processes or the cost of trimming a map to a particular size would have dictated some similarity in the dimensions of

oversize materials. In fact, there appears to be little limitation to variations the geologists have practiced.

Is all this a curiosity or important? The issue of ratio black and white images to color images is important because it helps us get a grip on how big a problem we have with color images. Color is going to cost a lot more than black and white. The oversize materials are going to raise production costs as filming will have to be adjusted for each variation in size.

If this pilot project results in standards that would address geology's special needs, the next step will have to be a survey of a greater part of the geological literature to see how typical the NYSM *Bulletin* is and how much of the geologic literature will require meeting the special requirements of color and oversize. Because as soon as we know what we want to do, we are going to have to start setting priorities on what should be done first.

And you thought I was going to solve the preservation problem in geology...

These comments represent my personal reflections on the work of the Joint Task Force on Image and Text.

MEETINGS

An international symposium on the cultural heritage contained in geoscience, mining, and metallurgical libraries--collections of coins, medallions, pewter figures, carvings etc.--will be held in Freiberg, September 1993. The symposium will examine the past, present, and plans for the future of these collections. Send your comments and suggestions to the organizers:

Dr. Peter Schmidt
Bibliothek
Bergakademie Freiberg
Schliessfach 47
D-0-9200 FREIBERG (Sachsen)
Tel: 51 32 35

Dr. Lieselotte Jontes
Universitätsbibliothek
Montanuniversität Leoben
Franz-Josef-Strasse 18
A-8700 LEOBEN
Tel: (03842) 42 555/275

The 12th annual convention of the North American Cartographic Information Society will be held in St. Paul, October 14-17, 1992. The Society is a young, interdisciplinary organization whose goal is to promote communication, coordination, and cooperation among the producers, disseminators, curators, and users of cartographic information. This year's program includes cartographic activities in Latin America and Canada, spatial development in children, cartographic education, design, mapping software, geographic information systems, navigation, and map library technology, as well as a full-day workshop on animated cartography. Abstracts should be submitted by July 1, 1992. For program and registration information contact:

Dr. Jeffrey C. Patton
Department of Geography
University of North Carolina at Greensboro
Greensboro, NC 27412
phone: 919/334-5388

The 5th Short Course on Soil Dynamics and (Seismic) Foundation Engineering, sponsored by the University of Missouri-Rolla Department of Civil Engineering, will be held in San Francisco, April 20-24, 1992. For further information, contact

Shamsher Prakash
Room 308 Civil Engineering
University of Missouri-Rolla
Rolla, MO 65401
phone 314/341-4489, fax 314/4729.

The Annual Meeting for the Society for Scholarly Publishing will be held in Chicago on June 17-20, 1992. The theme for this year's meeting is "Information Encounters of the Scholarly Kind," and the focus will be on the future of scholarly publishing and the changing role of those involved. For more information contact:

Connie Maslow, Director of Meetings
Society for Scholarly Publishing
10200 West 44th Avenue, Suite 304
Wheat Ridge, Colorado 80033
Tel: 303-422-3914
Fax: 303-422-8894

The 24th annual conference of the American Society of Indexers will take place on Saturday, May 23, 1992, in San Antonio, Texas. The focus will be on specialized formats in indexing and on sharpening indexing skills. For more information contact:

Kathy Caldwell
American Society of Indexers
PO Box 386-F
Port Aransas, TX 78373

MEMBER NEWS

IAN GORDON has had a lot of changes lately—a new house, a new job, and a new baby—Andrew David George Gordon, born February 17th. Congratulations!

As of April 15th, SALLY SCOTT will be working for the University of Wyoming, and will have the following address:

Sally Scott
Science Library
University of Wyoming Libraries
P.O. Box 3262
Laramie, Wyoming 82071-3262

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