

The Geoscience Information Society has completed its first year of operation. Mark W. Pangborn, Jr., our first President, has done an outstanding job in getting the society off on the right foot with many programs and activities underway. We wish his successor, Mrs. Harriet W. Smith (Geology Librarian, 223 Natural History Bldg, Univ of Illinois, Urbana, Ill. 61801), the best of luck, and more importantly, our active support in following through the various projects that Mark has initiated.

The newly elected officers for 1967 are:

Secretary (President-elect):

Dederick C. Ward, III (Earth Sciences Librarian and Head of Science Libraries, 204 Geology Bldg, Univ of Colorado, Boulder, Colo. 80302)

Treasurer:

Mrs. Georgianna D. Conant (Geologist, U.S. Geological Survey, Washington, D.C. 20242)

The new officers assume their positions on January 1st.

DUES ARE DUE!!

Your \$5.00 dues for 1967 will help your society in its forthcoming programs and projects. Members of record have received their dues notices; checks should be payable to the Geoscience Information Society and mailed to the Treasurer (address above). Those members who joined GIS after September 1966 will have their dues applied for the entire year 1967.

As of the end of 1966, GIS had registered 208 members. Persons desiring to join the Society and partake of its activities should write to the Secretary (address above) for application forms.

1966 GIS CONVENTION in SAN FRANCISCO

Our 1st Annual Convention was held in San Francisco, 14-16 November 1966, in conjunction with the meetings of the Geological So-

ciety of America. We had a good turnout of about 35 members, 24 of whom attended the Field Trip on the 14th. The symposium on the morning of the 16th attracted over 50 non-GIS people to the Toyon Suite of the San Francisco Hilton Hotel. The business meeting that afternoon concluded the convention affairs.

The GIS Field Trip included a morning visit to the Library at the West Coast Systems Laboratory of IBM's Advanced Systems Development Division in Los Gatos, Calif. Marjorie Griffin, librarian, conducted a tour and demonstration of their automated system utilizing on-line computers. After an excellent filet mignon lunch at the Stanford University union, the group visited the new Undergraduate Library building, followed by a tour of Stanford's Branner Geological Library conducted by Mrs. Kathryn N. Cutler, librarian. The excursion ended at the 100,000-volume Pacific Coast Center Library of the U.S. Geological Survey in Menlo Park, where librarian Eleanore E. Wilkins led the tour. Kathryn and Eleanore did a fine job organizing the field trip.

The GIS Technical Session on Wednesday morning featured a symposium on the use of automated systems in the storage, retrieval, and publication of geoscience information.

The lead-off speaker, Dr. James W. Clarke (Geologist-in-charge, Systematic Literature Research Unit, U.S. Geological Survey, Washington, D.C. 20242), discussed the computerized system being used by the USGS for publishing its various bibliographies and abstract journals. Dr. Clarke looked into the future and commented upon potential capabilities of various information systems in regard to the needs of geologists.

Thomas W. Caless (Manager, GSA Bibliography Project, American Geological Institute, 1444 N Street NW, Washington, D.C. 20005) followed with an historical account, administration, and current status of the expanded GSA-AGI Bibliography and Index of Geology Exclusive of North America. The American Geological Institute, as recipient of an NSF grant, is responsible for the overall management of the project; the Geological Society of America

retains full control of the editorial content, format, pricing, and distribution of its bibliography. The first issue of the monthly "foreign bib" will be published in late January 1967.

The last paper, by Dr. Louis Cima (Assistant Program Director, Office of Science Information Service, U.S. National Science Foundation, Washington, D.C. 20550), treated factors affecting the transfer of information cycles in the earth sciences. Dr. Cima presented data regarding: Federal funds for research & development in the earth & information sciences; manpower & personnel; departments offering courses & degrees; and the geologic literature explosion.

A fourth speaker, Harold A. Siroonian (2879 Heath Ave, Bronx, N.Y. 10463), was unable to attend the symposium, but copies of his paper ("Automated information system of the IGY's World Data Center A: International Upper Mantle Project") were available at the meeting.

A lengthy floor discussion of the papers followed the talks. Included in the discussion were comments by Charles Hutchinson (Reinhold Publishing) regarding proposed copyright laws.

Copies of the 4 papers will be available from GIS in the near future. Please advise the Secretary if you wish to be notified when they are ready for distribution. Copies of the Caless and Siroonian papers can be obtained directly from the authors.

The GIS Business Meeting on Wednesday afternoon was convened by President Mark W. Pangborn, Jr. The minutes of the organizational meeting of GIS (held in Kansas City, Mo., on 5 November 1965) were read by Secretary Harriet W. Smith, and accepted.

Treasurer Harriet K. Long reported that, as of 16 November 1966, the GIS had collected \$945 in dues. The bank balance on that date was \$609.39. This excludes a generous donation of \$100 from one of the founding members of the Society. Our biggest expenses have been printing (\$124.50) and postage (\$104.83).

President Pangborn appointed Dr. Keith Young (Professor of Geology, Dept of Geology, Univ of Texas, Austin, Tex. 78712) chairman of a new committee designed to investigate future

projects on which GIS might contribute its resources. The committee will address itself to identifying geoscience information problems and will suggest possible methods for handling such problems. The committee, which will report directly to the President and the Executive Committee, will welcome ideas, comments, and suggestions from the GIS membership.

Other appointments: (a) Membership Directory (Dederick C. Ward, III, and Henry A. Fontaine, editors); (b) Geoscience Library Directory (Richard M. Pearl, editor); (c) GIS representative for 1967 convention in New Orleans (Mrs. Marguerite M. Hanchey); (d) GIS representative in Washington, D.C. (Mark W. Pangborn, Jr.); (e) GIS representative at forthcoming Congressional hearings on copyright matters (Hartley K. Phinney, Jr., Biology-Geology Librarian, Guyot Hall, Princeton Univ, Princeton, N.J. 08540); and (f) GIS Newsletter (Robert McAfee, Jr., editor).

Other items discussed at the business meeting included the following: (1) Fiscal year will be identical with the calendar year, thus facilitating the installation of new officers and the transfer of records; (2) The Society's non-profit, tax-exempt status, both in the District of Columbia (where GIS was incorporated on 3 March 1966) and at the Federal level, is still pending before the U.S. Internal Revenue Service; (3) Proposals regarding institutional memberships, and the formation of a British Isles chapter, will await the results of our legal status; and (4) The Society's application for affiliation with the American Geological Institute will be acted upon by the AGI House of Society Representatives during the Spring 1967.

PRESIDENTS' COMMENTS

Outgoing President Pangborn: "I gratefully thank the many persons who made my work light with advice and assistance. GIS deeply appreciates the help of the American Geological Institute during this formative year, and thanks the Geological Society of America for invaluable assistance in staging our first annual convention at San Francisco. As one might expect, communication among 200 members spread over 10 countries seems to be our biggest problem, and one that we hope to solve during 1967 as we get to know each other's needs and interests, and as the administrative

wheels work more smoothly"

Incoming President Smith: "It was with trepidation but with high hopes that a very small group of us gathered in Kansas City, Mo., in 1965, adopted a constitution, and called the Geoscience Information Society an established organization. Now as we round out our first year the doubts have been answered by many voices, and we have a membership of over 200 people in several countries and in all areas of the geosciences. Our hopes and dreams were not in vain! GIS is a going concern! Not all of the problems have been solved, however, and it is much too soon to sit back and relax. GIS is your Society. It will continue to grow and prosper with your active support and participation. The future strength and contribution to the Society are up to you, and we are counting on each of you to help build it into a large, vital, and influential organization. With the enthusiasm shown in San Francisco, there can be no failure"

GIS PROJECTS and ACTIVITIES

Committee on Geoscience Serials. Chairman Sara Aull (Science Librarian, Univ of Houston, Cullen Blvd, Houston, Tex. 77004) reports that the objective of the committee is to prepare a comprehensive checklist of geoscience serials designed for multiple uses, "such as a reference tool for identifying geoscience serials, an aid for compiling regional and local union lists, a means of facilitating uniformity in title listings and standardization of abbreviations, a buying guide for librarians, and a guide for indexing and abstracting services". The committee recommends that GIS assumes responsibility for planning and finding funds for the compilation and publication of a checklist.

"Serials" are interpreted in the broadest sense, including numbered monographic series, and field-trip guidebooks and maps issued serially. Coverage will include domestic & foreign, and government & non-government, publications. The subject scope of "geoscience" is also interpreted broadly.

It is hoped that descriptive information for each serial will include publisher & place of publication, history, cumulative indexes, price, frequency, and notes on reviews, abstracts, format & content. An indication of where the serial is indexed is also being

considered.

The committee desires preparatory assistance from GIS members, especially those librarians in charge of collections containing extensive serial holdings. Serial records in whatever form these can be submitted or made available for reproduction at the expense of the project will be welcomed.

The committee is exploring a proposal that an experienced bibliographer be employed to serve as principal investigator in Washington, D.C., the project being supported by a funding agency and guided by a GIS advisory committee.

Guidebook and Ephemeral Materials Committee. Chairman John A. Chaffin (Librarian, Northwood Institute, Cedar Hill, Tex. 75104) reports that the committee is developing "a program which will guarantee the inclusion of any publication that can be construed as a Guidebook, in the Abstracts of North American Geology". A second goal is to provide some sort of retrospective index and location guide to these materials, aiming at the possibility, for example, of a union list of field-conference guidebooks. In this latter regard, the committee is looking into the key-word-in-context indexing project of the American Association of Petroleum Geologists' Guidebook Committee for affiliated-society guidebooks.

The committee (consisting mostly of GISers in the Dallas, Tex., area) has begun collecting location information for about 2000 entries. GIS members needing verification of references, or location of items, are invited to contact the committee. At the same time, the committee welcomes lists of holdings from other libraries; such lists should be sent to Helen McKenzie, Librarian, Research & Development Library, Atlantic Richfield Company, Box 2819, Dallas, Tex. 75221.

The committee also has decided, tentatively, that it might be useful to expand the file to include all local society publications, and has started working toward this goal. Comments on this possibility are also welcomed.

Subject Headings Committee. Chairman Harold A. Siroonian (2879 Heath Ave, Bronx, N.Y. 10463) reports that an informal roundtable on problems in the use of geoscience subject headings in library card catalogs is being considered during the Special Libraries Asso-

ciation meeting in New York City, 28 May to 1 June 1967. An introductory talk by Myrl D. Powell, subject cataloger for geoscience materials at the U.S. Library of Congress, regarding LC policy and procedures is also being considered.

Those GIS members planning to attend the SLA meeting and who are interested in such a roundtable are urged to write Harold.

Many GISers have received a subject-headings questionnaire, the results of which will have a bearing on the future conduct of the committee. The committee invites comments and suggestions from geoscientists and librarians interested in terminology.

List of Basic Texts, Journals, Maps, Regional Books, and Other Materials Needed in a College Geoscience Collection. This list, sponsored jointly by GIS and the Council on Education in the Geological Sciences (CEGS), is now in preparation, with contributions by some 30 college teachers and several members of GIS, under the direction of Dr. John L. Snyder (Director of Education, American Geological Institute). This annotated, classed bibliography of over 800 titles may be issued as a supplement to a geological journal, and is scheduled to appear in late 1967. CEGS has budgeted \$2500 for support of this project.

Annotated Bibliography of Geological Education. Dr. Seymour S. Greenberg (Associate Professor of Geology, West Chester State College, West Chester, Pa. 14380) is preparing a new edition of the bibliography, first published in 1963 by the American Geological Institute. Jointly sponsored by GIS and CEGS, the bibliography, which included references on college and graduate education, will be expanded to cover the growing secondary school literature and a selection of foreign-language material. Tentative publication date is 1968. CEGS has budgeted \$500 toward printing and distribution. The National Association of Geology Teachers (NAGT) has agreed to contribute toward publication costs. About \$400 is needed to assure completion of the project.

Scholarship Brochure. A brochure indicating the great need for geoscience librarians, documentalists, and editors, and stressing

the availability of numerous graduate library school scholarships, especially from the U.S. Office of Education, is being prepared by GIS. The aim is to recruit graduating students with geoscience training. Financial support for this project is being sought.

Bibliography of Geological Theses. Dederick C. Ward, III, is completing the bibliography of theses accepted during the years 1965 and 1966. GIS and the American Geological Institute plan publication in mid-1967.

How to Find Earth Science Information. A GIS committee headed by Mrs. Marjorie W. Wheeler (Librarian, Graduate Research Center of the Southwest, Box 30365, Dallas, Tex. 75230) is considering a guide pamphlet on "how to find earth science information", to be issued in the Reference Series of the Earth Science Curriculum Project (ESCP). The guide will assist the high school teacher in using the library card catalog and other bibliographic tools to run down geoscience information. According to GISer William H. Matthews, III (editor of the Reference Series), NSF funds are available through ESCP for this project.

Buying List of 100 Best Geology Books for High School Libraries. The list is in preparation by Mark W. Pangborn, Jr. (Reference Librarian & Map Curator, U.S. Geological Survey Library, Washington, D.C. 20242). Arrangements have been made to distribute this leaflet by the thousands to the membership of the National Science Teachers Association via their regular mailings. The NAGT plans to help support the publication of the list by making funds available from the Leland Horberg Memorial Fund administered by NAGT. Additional funding (up to \$500) will depend on the final decision as to format and number of leaflets to be distributed.

Other projects. Three projects recommended by GIS and CEGS to which little attention has been given are: (1) Minimum requirements for departmental geoscience libraries, with reference to space, equipment, personnel, salaries, etc.; (2) Annotated bibliography on geoscience librarianship and documentation; and (3) Short review article on current bibliographic sources, designed for the general geologic audience and to be published in a major geologic journal.

GIS needs volunteers, ideas, and funds for these projects. Those members interested should write to Mrs. Harriet W. Smith, Geology Librarian, 223 Natural History Bldg, Univ of Illinois, Urbana, Ill. 61801.

GIS DIRECTORIES

GIS issued two directories at the time of the annual convention in November. They are: Directory of Personnel and Directory of Geoscience Libraries in the United States and Canada (preliminary edition). Copies of both directories have been mailed to GIS members. Those who did not receive a copy may obtain one (or both) from the GIS Secretary (see page 1 for address). Any corrections or changes in the personnel directory should be sent to the GIS Secretary.

Errata in the November 1966 issue of Directory of Personnel: Conant (1st name is Georgianna); DeGroot (Librarian, Technical Library, Atlantic Richfield Company); de Laveaga (Coordinator, Beale Memorial Branch Library, Kern County Free Library, 1315 Truxtun Ave, Bakersfield, Calif. 93301); McKenzie (Atlantic Richfield Company).

NEWS NOTES

Three GIS members participated (20-23 & 26 September 1966) on the Project LEX review session 16: Earth Science and Oceanography. Under the direction of J. Heston Heald, Project LEX is the preparation by the U.S. Office of Naval Research of a department-wide technical thesaurus for the Dept of Defense. Much of the work is combined with that of the Engineers Joint Council in a concentrated effort to attain a high degree of compatibility in the usage of scientific & technical terminology. GISers participating were: Dr. Evelyn Sinha (Mission Bay Research Foundation, La Jolla, Calif.); Mrs. Sharlene G. Rafter (U.S. Environmental Science Services Administration); and Robert McAfee, Jr. (American Geological Institute).

GISer Edward P. Thatcher (Science & Map Librarian, Univ of Oregon) helped organize a luncheon meeting of West Coast Map Librarians at the Univ of California (Berkeley) on 12 November 1966. Topics discussed included: acquisition-specialization among cooperating map

libraries on the west coast; map classification and retrieval of map information; map library standards; fair use and the present copyright law; west coast union list of cartographic series; and directory of map-collection specialties. The ad-hoc group is investigating possible affiliation with GIS.

Personal Notes.---Mrs. Nell I. Kummermann retired 22 September 1966 as Librarian, Geological Survey of Canada. Her successor is Mrs. Doreen M. Sutherland.---Neil B. Crow has taken a position as technical information specialist in the Technical Information Division of the Lawrence Radiation Laboratory, Livermore, Calif. He was formerly associated with Aerospace Corporation (Los Angeles) as supervisor of library acquisitions and processing.---Dr. C.F. Burk, Jr., of the Geological Survey of Canada, contributed 2 chapters to the Survey's Paper 66-43, a 98-page interim report by the National Advisory Committee on Research in the Geological Sciences, entitled "Storage and retrieval of geological data in Canada", compiled by S.C. Robinson. Dr. Burk's chapters dealt with coding of geological names and terms, and data on fossil fuels & related economic sedimentary deposits.---Frank T. Dolan, Information Specialist at Imperial Oil Ltd, Calgary, Alta., has published an annotated bibliography as an appendix (p.165-184) to "Proceedings of the conference on the changing identity of graduate earth science education", Georgia Institute of Technology, Atlanta, 25-26 January 1965.---Dr. Robert B. Johnson, formerly of Purdue Univ, is now Chairman, Dept of Geology and Geography, DePauw Univ, Greencastle, Ind. Dr. Wilton N. Melhorn, another GISer, is Acting Chairman, Dept of Engineering Geology, Purdue Univ, replacing Dr. Johnson.---John F. Spletstoeser, Assistant Head, Cold Regions Bibliography Section, U.S. Library of Congress, had an article in the November 1966 issue of Geotimes (v.11, no.4, p.33-35) entitled "Antarctic geological literature".---Marjorie Hooker, U.S. Geological Survey, Washington, D.C., has been elected the 1967 treasurer of the Mineralogical Society of America.---Caroline Mitchell is now with the Dept of Geology and Geophysics, Univ of Sydney, New South Wales. She was formerly associated with the Australian Bureau of Mineral Resources, Geology and Geophysics, Canberra.---Dederick C. Ward, III, in addition to his duties as Earth Sciences Librarian, has been appointed Head of Science Libraries, Univ of Colorado.---Dr. James W. Clarke, Geologist-in-charge, Sys-

tematic Literature Research Unit, U.S. Geological Survey, Washington, D.C., participated in a panel discussion at an in-house symposium "Data Management in the Geosciences" at the USGS in Washington, 31 October and 1 November 1966. Several GIS members at USGS attended the symposium.

EDITOR'S NOTE

The editor welcomes the cooperation of the entire membership in the preparation of the Newsletter. The issuing frequency thus far has been 4 months, but can be shortened depending upon the amount of news to report or exchange. Personal and professional activities of members, changes in job positions, papers published, and special projects engaged in by members, are types of news notes that we would like to mention.

Also, special announcements regarding geoscience information activities--such as forthcoming meetings of interest to members; or willingness of libraries to exchange materials; or citations to the recently-published literature concerning geoscience librarianship and documentation--are very much desired.

Finally, we would like to print timely comments by members on any phases of geoscience documentation: this could take the form of brief notes, short papers, or open letters to the editor and membership. As the Newsletter is our only medium of member-wide communication, we encourage the interest and support of all members in contributing to a bigger, better, and more frequent Newsletter.

Please send your contributions to: Robert McAfee, Jr., American Geological Institute, 1444 N Street NW, Washington, D.C. 20005.

FOR SALE

For Sale: Personal library of John H. Maxon. Comprehensive geological collection including extensive runs of U.S. journals, guidebooks, international geological congresses, and U.S., Canadian & state survey publications. For further information contact: Mrs. Helen Maxon, 2417 Leyden, Denver, Colo. 80222.

Abstractors Needed Immediately!!

Qualified geologists with abilities in at least 3 languages (Russian, German, Romance Languages, and other languages) are being sought by the expanded Geological Society of America Bibliography and Index of Geology Exclusive of North America project. Individuals selected for full-time positions will prepare English abstracts from the international geological literature. These positions are located in Washington, D.C., and offer good salaries plus fringe benefits. GISers who know of qualified persons may direct them to: Thomas W. Caless, American Geological Institute, 1444 N Street NW, Washington, D.C. 20005 (area code 202, 234-2758).

New members (joined GIS subsequent to publication of Directory of Personnel, November 1966):

- Aramaki, Dr Shigeo (Earthquake Research Institute, Univ of Tokyo, Tokyo, Japan)
- Birdsall, Lucy E. (Public Inquiries Office, U.S. Geological Survey, Los Angeles)
- Briggs, Dr Louis I. (Dept of Geology, Univ of Michigan, Ann Arbor, Mich.)
- Cherry, Dr John A. (Univ of Manitoba after 1 Sept 1967)
- Cousminer, Dr Harold L. (Dept of Mineralogy, American Museum of Natural History, NYC)
- Dubach, Harold W. (U.S. National Oceanographic Data Center, Washington, D.C.)
- Goodwin, George H., Jr. (Librarian, American Museum of Natural History, NYC)
- Howell, Paul (Geologist, Tennessee Corporation)
- Lécorché, M. (Univ de Dakar, Dakar, Senegal)
- Martin, Edward L. (Institute of Geological Sciences, London, England)
- McLean, James D., Jr. (McLean Paleontological Laboratory, Alexandria, Va.)
- Nyssen, R. (Enterprise de Recherche et d'Activité Pétrolière, Paris, France)
- Phinney, Hartley K., Jr. (Biology-Geology Library, Princeton Univ, Princeton, N.J.)
- Sansburn, William A. (California Division of Mines and Geology, San Francisco)
- Shirley, Howard B. (Battelle Memorial Inst.)
- Simms, Daniel M. (Chevron Research Co.)
- Smith, Bruce D. (Univ of Wyoming, Laramie)
- Smith, Dr Peter J. (NATO fellow, U.S. Geological Survey, Menlo Park, Calif.)
- Walker, Dr Richard D. (Assistant Professor of Library Science, Univ of Wisconsin)
- Zigic-Toshich, Darinka (Research Associate, Univ of Michigan)