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Western Association of Map Libraries

*"... to encourage high standards in every phase of organization
and administration of map libraries..."*

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CATALOGING of CARTOGRAPHIC MATERIALS

by Myrna Fleming

Myrna Fleming is the Chairman of WAML's Committee on the Cataloging of Cartographic Materials, appointed by President Larry Cruse at Davis, Apr. 1980.

This is the first in a planned regular series dealing with the cataloging of cartographic materials. If there are particular topics that may be covered, or specific questions to be answered, you may address them to University Library, University of Southern California, University Park, Los Angeles, CA 90007, phone (213) 743-6665; ATTN: Myrna Fleming, Cataloging Dept.

In AACR, map cataloging rules are designed to be compatible with those of book cataloging, the purpose of which is to facilitate integrating the map catalog with the book catalog. Historically AACR is based on book cataloging principles and these have been adapted to accommodate map cataloging. This ability of interfiling cataloging records with those of other library materials enables map-AACR records to be available through the NUC (National Union Catalog) and the MARC tapes. I will restrict the discussion to LC (Library of Congress) style map cataloging and hope to provide some understanding of what is involved in the adoption of AACR 2.

Cataloging is divided into three disciplines, each with its own set of codes. These disciplines are as follows: (1) descriptive cataloging, governed by AACR and LC interpretations of the rules, is further divided into (a) description (part I of AACR 2, based on the ISBD developed by IFLA), and (b) choice and form of access points (part II of AACR 2); (2) subject cataloging, governed by the LC Subject Headings list; and (3) classification, governed by the LC Classification Schedule (Class G for maps). It is important to remember that these are three distinct disciplines and that they act independently; thus you may have AACR descriptive cataloging and entries, Sears subject headings and Dewey classification, instead of the above combination used at LC. An illustration of their independence is that the LC classification G4060 is for the North Central States, but the LC subject heading for this region is "Middle West".

Use of ISBD (International Standard Bibliographic Description) began in 1974 with the publication of the ISBD(Monograph). It was developed by IFLA (International Federation of Library Associations and Institutions) to standardize the format of bibliographic description throughout the world. ISBD's for different materials were developed by different sections of IFLA based on the ISBD(M). The ISBD(CM) (cartographic materials) was developed by the Geography and Map Libraries Section of IFLA. Although this was not the only reason for the revision of AACR 1, the ISBD was incorporated by AACR through the Revised Chapter 6, and finally through AACR 2. AACR 2 was developed under the Joint Steering Committee for Revision of AACR, with representatives from the American Library Association, The British Library, The Canadian Committee on Cataloguing,

The Library Association, and The Library of Congress.

One of the reasons for the controversy over AACR 2 is that when LC adopts AACR 2, it will abandon its policy of superimposition. Superimposition came into effect when LC adopted AACR 1 in 1967. Superimposition means that the rules for choice of entry will be applied only to works that are new to the library and that the rules for headings (entries) will be applied only to persons and corporate bodies that are being established for the first time. Hence a new work by a previously established author would be entered under the pre-1967 heading. The abandonment of superimposition means that AACR 2 will affect not just new cataloging, but also older cataloging which has a heading that does not conform to AACR 2. Thus under pre-1967 rules the University of Southern California was entered under "Los Angeles. University of Southern California", under AACR 1 the correct form became "University of Southern California", but because of superimposition the form "Los Angeles. University of Southern California" was retained. Now under AACR 2 and the abandonment of superimposition, the entry will be "University of Southern California". The question remains about what to do with all the previous cataloging records which are entered under "Los Angeles ..."; should these older entries be changed or should the two forms of entry be linked by cross references? This is a problem which has to be addressed by each library and network separately. LC estimated that almost 50% of its current MARC records would need to be revised in order to bring the headings into conformity with AACR 2. In analyzing this impact of AACR 2, LC determined several changes to the rules which it considered minor, but which, in fact, will have major consequences and will help reduce implementation costs. These changes fall under the loose terms of "AACR 2 compatible" headings and "automation changes".

Added is a list of AACR 2 options to be followed by LC, AACR 2 heading changes (AACR 2 compatible headings), and two automation changes. Not included in these lists is an announcement in the Cataloging Service Bulletin, No. 7, Winter 1980:

The Anglo-American Cataloguing Committee for Cartographic Materials was formed to represent Canada, Great Britain, and the United States in applying AACR 2 to cartographic materials. The committee has recommended to the British Library, the Library of Congress, the National Library of Australia, and the National Library of Canada that they interpret AACR 2, rule 21.1B2, in such a way as to permit entry under corporate body for much of the cartographic material currently excluded from corporate main entry by AACR 2. The National Library of Canada and the Library of Congress have accepted this recommendation; the relevant rule interpretations will be published before 1981.

These lists are important because after Jan. 1981, the MARC records will be in a form of AACR 2 that has been interpreted, modified and adapted by L.C. It is LC's AACR 2 rule interpretations which those who rely on the MARC cataloging records need to monitor most. The best source of LC's decisions and interpretations is the official announcements given in the Cataloging Service Bulletin (available upon request and at no charge from the Cataloging Distribution Ser-

vice, Library of Congress, Building 159, Navy Yard Annex, Washington, D.C. 20541). In the future, I will deal more specifically with AACR 2 - LC map cataloging, monitor items of interest in the Cataloging Service Bulletin, and address topics which WAML members have expressed an interest in.

AACR 2 Options to be Followed by the Library of Congress

Chapters 1, 3, 21 - 26 (excerpted from Cataloging Service Bulletin, no. 8, Spring 1980).

Chapter 1.1C. For the display of GMDs, apply selectively. See subrule .1C for each chapter.

1.1E5 Generally apply.

1.2B4. Do not apply.

1.4C7. Apply when there is no ISBN or ISSN and the information is given in the item being cataloged or is otherwise readily available without special research.

1.4E. Apply on a case-by-case basis.

1.4F5 Apply whenever the copyright date is different from the publication date.

1.4F8. Apply.

1.4G4. Apply on a case-by-case basis.

1.5A3. Apply.

1.5B5. Apply.

1.5E1. Apply on a case-by-case basis.

1.8B2. Apply.

1.8D. Apply for current items.

1.8E1. Apply.

Chapter 3.1C. Do not apply.

3.2B3. Do not apply.

3.3B2. Apply.

3.3C2. Apply.

3.3D. Apply both the option that is the whole of 3.3D and the specific option in 3.3D1.

3.4D1. Apply.

3.4G2. Apply on a case-by-case basis.

3.5D1. Do not apply.

3.5D3. Apply.

3.5D5. Apply.

Chapter 3.5E1. Apply on a case-by-case basis.

3.8D. Apply for current items.

Chapter 21.0D. Do not apply.

21.18B. Do not apply.

21.27. Do not apply.

21.28A. Apply the alternative rule.

21.29G. Do not apply.

21.30L. Apply.

21.36C1-C3. Do not apply.

21.36C5-C9. Do not apply.

Chapter 22.3C2. Apply the alternative rule.

22.16A. Apply whenever the information is readily available.

22.18. Apply whenever the information is readily available.

Chapter 23.4B. Apply the first option to the names of cities, towns, etc. Apply it also to the names of larger places below the national level except to

(1) the names of the states, provinces, and territories of Australia, Canada, and the United States;

(2) the names of counties, regions, and island areas in the British Isles (other than the counties of Northern Ireland);

(3) the names of the constituent states of Malaysia, the Soviet Union, and Yugoslavia; and

(4) the names of islands.

Quito (Ecuador)

Tokyo (Japan)

but: Pennsylvania

Saskatchewan

Apply the second option if the name of a larger place being added to a particular place name is in one of the categories specified above.

Regina (Sask.)

Sydney (N.S.W.)

24.1A. Do not apply the alternative rule.

24.3A. Do not apply the alternative rule.

24.4C1. Apply on a case-by-case basis.

24.7B2. Apply.

25.2A. Apply.

26.3A4. Decision deferred.

25.5E. Apply.

26.4A2. Do not apply.

26.2D2. Do not apply.

26.5A. Do not apply.

Implementation of AACR 2 at the Library of Congress

(excerpted from Cataloging Service Bulletin, no. 6, Fall 1979)

I. AACR 2 Heading Changes

- A. Appendix B does not authorize the abbreviation "Dept." in headings. The Library plans to continue using the abbreviation "Dept." in English language headings. Under rule 24.3C1, LC has concluded that "House" may be regarded as the conventional name for the "House of Representatives" and that "Great Britain" is the conventional name for the "United Kingdom of Great Britain and Northern Ireland". The Library plans to continue using the existing headings "United States. Congress. House" and "Great Britain".
- B. LC has identified several categories of AACR 2 compatible headings. The Library plans to continue to use such headings that already exist; categories of such headings are listed below. The AACR 2 provisions will be applied, however, to newly established headings.
1. Reduction of a first forename to an initial, provided either the person is not famous or his/her name is not being used as an entry in a record for a U.S. imprint.
 2. Reduction of a second forename to an initial.
 3. Deletion of an unused second forename or forename initial.
 4. Addition of a hyphen between forenames or compound surnames.
 5. Repositioning of "ca." in dates.
 6. Changing from a nonsystematic romanization to the ALA/LC systematic romanization.
 7. Deletion of twentieth-century "fl." dates (such headings are revised when actual birthdates become available).
 8. Retention or addition of a term to show the heading is a corporate body.
 9. Deletion of an unnecessary term of incorporation, whether this term was used by the body or supplied by the cataloger.
 10. Deletion of "pseud.", provided the pseudonym is not famous.
 11. Correction of language in the case of such additions as the following: Louis Antoine, Father
not changing to Louis Antoine, père
 12. Expansion to a fuller form of name.
 13. Addition of a geographic qualifier in a nonconflict situation.
 14. Reduction in hierarchy in Far Eastern headings.
 15. Elimination of a cataloger-supplied addition of place of residence or field of interest.
 16. Capitalization of corporate acronyms/initialisms, provided the initials are not famous.

17. Addition of quotation marks to headings.
18. Elimination of unused titles of honor, address, or nobility.
19. Expansion of the abbreviations "Bp." and "Abp."

II. Automation changes

In analyzing AACR 2 for changes necessary to the MARC formats, two changes were found that are considered major because they require the development of a capability to handle nonfiling characters. Although such a capability may be developed later, the Library of Congress will

- a) continue to place titles of honor and address (Dame, Lady, Lord, Mrs., Sir, etc.) after the person's forename(s);
- b) deleting initial articles in all parts of a record except for that portion of the bibliographic description that begins with the title proper and ends with the series area.

Verdi, Giuseppe, 1813-1901. Trovatore. Balen del suo sorriso.

instead of Verdi, Giuseppe, 1813-1901. Il trovatore. Il balen del suo sorriso.

NEWS NOTES (continued from p.197)

¶ Latest News on the USGS Open-File Report Situation

The following letter was sent on April 10, 1980 by Dr. H. William Menard, Director of the U.S. Geological Survey to David A. Cobb, Head, Cartographic User's Advisory Committee. It presents a solution to the problem of access to the USGS Open-File Reports, long sought by the Committee as well as by Nancy Pruettt and her Geoscience Information Society Committee on Open File Reports (see her article in WAML Information Bulletin Vol. 10, No. 3, pp. 238-240, June 1979; & News Notes in Vol. 11, No. 1, p. 31, November 1979.)

" ... First, we developed an approach to the problem that met the Geological Survey's requirements, and second, it was necessary to work out the details of the program with the Government Printing Office (GPO).

Happily, both of these objectives have now been accomplished and we have worked out an arrangement whereby microfiche copies of the Geological Survey Open-File Reports will be provided to the GPO for duplication and distribution to the Nation's depository libraries. The Acting Chief of our Publications Division contacted Mr. James D. Livsey of the GPO Library and Statutory Distribution Service, as you suggested, to discuss the plan to transfer our Open-File Reports. He was very pleased with our proposal and when we have devised a system to number the reports we can begin the program. It will probably take us another month or two to work out the technical details.

The Open-File Services Section in Denver, Colorado, will make a second-generation silver microfiche copy of each new report and transmit those to

the GPO on a monthly basis. As soon as we initiate the program we will also attempt to acquire additional duplications of all reports that have been microfilmed to date and transfer those to GPO. We will then examine the remaining documents and make a determination as to which of those should be copied and transferred. We would appreciate your suggestions on which classes of reports would be most useful to users. This would assist us in setting priorities on which of the older documents we should copy.

We appreciate your interest in this subject and thank you for your assistance in helping us formulate the program. Your help with GPO is greatly appreciated. We look forward to further discussions with you and other members of the Cartographic User's Advisory Committee.

Sincerely yours,

H. William Menard
Director "

(EDITOR'S NOTE: The Map Librarianship Community and the publics served thereby are in great debt to Dave Cobb, Nancy Pruett, Charles A. Seavey, and many of their well-wishers for all the hard work that went into their presentations to the USGS and GPO. The result demonstrates that a well-conceived and executed appeal to governmental agencies can be productive. Our Congratulations!

We also salute Dr. Menard, Gary North (Acting Director of the USGS Publications Division), James D. Livsey of GPO, and their respective staffs, for the wisdom they have shown in providing this resolution to a most perplexing problem for libraries. The publics that they are responsible to, and that we together serve, will be reminded by us of the responsiveness of Federal Agencies.

We look forward to hearing reports on how the arrangement functions, and additional success stories.)

¶ Terrae Incognitae: The Journal for the History of Discoveries is the official publication of the Society for the History of Discoveries. This annual publication focuses chiefly on exploration and related activity between 1400 and 1900, the period encompassing the Portuguese expeditions of the fifteenth century and the voyages of Captain James Cook in the eighteenth century.

The forthcoming volume (# 12) includes feature articles by Cornelis Koeman: "The Chart Trade in Europe from the Sixteenth to the Eighteenth Centuries"; and, "Navigation at the time of Cook's Voyage and its influence on the opening of the Pacific", by D. W. Waters.

Subscription rates are \$13.00 for 1 yr; \$24.00 for 2 yrs; and \$35.00 for 3. The editor is Douglas W. Marshall, William L. Clements Library, Program in the History of Discovery, The University of Michigan, Ann Arbor, MI 48109, or Sandra Yolles, Promotion Manager, Wayne State University Press, The Leonard N. Simons Building, 5959 Woodward Ave., Detroit, MI 48201.

NEWS NOTES

¶ In the last issue of NEWS NOTES, the forthcoming production of the "1:250,000 Scale Unified Hemispheric Mapping Series" was announced. (see pp. 159-160, Information Bulletin, Vol. 11) This series is being planned by the Pan American Institute of Geography and History (PAIGH).

A letter from the Program Coordinator, Mark Z. Brandon III, was received in February that confirms the information reported. He adds the following:

"The continued success of the Program depends, of course, on demand for the product. Therefore, we are seeking means by which the start of the project can be brought to the attention of the largest possible number of potential users.

"I can be reached at telephone 515-36-35 (Mexico City) or at the address shown below. (San Antonio Abad 124, Mexico 8, D.F.)"

¶ NEWSLETTER, Committee on Southern Map Libraries, Number 1, March 1980.

"The Committee on Southern Map Libraries is a regular committee of the Southeastern Division of the Association of American Geographers. The purpose of the committee is to encourage the flow of ideas and information among and between map librarians and geographers.

The committee's formal organization consists of the following appointed members: Dr. HelenJane Armstrong (Chair); Don Daidone; David McQuillan; and John Sutherland.

All interested map librarians and geographers are asked to join the committee and participate in its activities. The committee's present activities include:

1. Sponsoring a workshop at the annual meetings; and
2. Publishing a newsletter to disseminate information and provide a discussion forum."

On Sunday November 23, 1980 the fourth Workshop on Map Libraries in the Southeast U.S. will convene in Blacksburg, Virginia. This meeting will be a pre-convention workshop held in conjunction with the 35th Annual Meeting of the Southeastern Division of the Association of American Geographers. Donald Daidone, Newman Library, Virginia Tech, Blacksburg, VA 24061 (703) 961-6181, is the program chair for the 1980 workshop.

The Newsletter is an irregular publication of the SEAGG Committee on Southern Map Libraries, and those interested in receiving the newsletter and committee mailings may write to the Editor:

John Sutherland
Map Collection (phone 404/542-4535)
Science Library
University of Georgia
Athens, GA 30602

† ASSOCIATION OF CANADIAN MAP LIBRARIES

The Fourteenth Annual Conference of ACML will be held at the University of Alberta in Edmonton, June 23-27, 1980.

The program includes a Map Cataloging Workshop, AACR II for Cartographic Materials. Organized by Hugo Stibbe, he and Vivian Cartmell, and Velma Parker, all of the Canadian National Map Collection, will be the workshop leaders.

The cataloging workshop is on Monday and Tuesday and is arranged in three sections based on the background and experience of registrants.

On Wednesday, June 25, the traditional program begins with a presentation by Brian R. Candy, British Liaison Officer (Survey) Defence Mapping Agency, Washington, D. C: "The development of a new manual of map classification and cataloguing in the Ministry of Defence (U.K.)".

Geoff Castle of the Archives of the Province of British Columbia will speak on "Criteria for determining modes of copying for the average map collection".

"Design of displays and exhibitions with special reference to maps" will be the topic of Virginia Penny, Exhibition Designer, University Collections, University of Alberta.

Frances Woodward, University of British Columbia, will give the history of the "Exploration and Survey of Kootenay District 1800-1918."

"Maps of the Mackenzie Mountains with particular reference to the Canol Project" will be presented by Peter Kershaw of the University of Alberta.

Sandy McTaggart, Senior Land Surveyor, Public Works Canada, Prairie Region, Edmonton, will discuss the "Surveying on the Prairies from the earliest times to 1930". His talk ends the Wednesday program.

The Thursday program, June 26, includes the ACML Business Meeting, and a talk by E. Alyn Mitchner on "William Pearce and the mapping of the Prairie Provinces".

Reports will be made by Ed Kennedy, Assistant Director of Mapping, Alberta Transportation, on "Alberta Government Mapping - Report from the Interdepartmental Committee on Surveying and Mapping"; by Betty Kidd, Chief of the National Map Collection, Public Archives of Canada; and reports from a representative of the Surveys and Mapping Branch, Energy, Mines and Resources Canada.

School atlases will be discussed by Rick Checkland of Hosford Publishing Ltd., and Lillian Wonders, of University of Alberta.

The guest speaker at the annual banquet will be Mr. Tony Cashman.

Friday, June 27th is the tour day, during which participants will visit the North West Survey Corp., and Fort Edmonton.

The host is Ron Whistance-Smith, Map Librarian, University Map Collection, H.M. Tory Building, University of Alberta, Edmonton, Alberta T6G 2H4.

¶ MARC MAPS PROCESSING WORKSHOP

The 30th annual Map Processing Project of the Geography and Map Division, Library of Congress, will not be held in 1980.

The Geography and Map Division has returned from its temporary location in Alexandria, Virginia, to the James Madison Memorial Building - the newly completed addition to the Library of Congress in Washington, D. C.

This year, as a substitute for the Map Processing Project, the Division is sponsoring and conducting a two-part MARC Maps processing workshop, June 16 through June 20, 1980 (the week following the Special Libraries Association annual conference in Washington, D.C.).

There will be no charge for this workshop; however, participants are expected to make their own arrangements for housing, meals, and other personal expenses.

The workshop is being coordinated by David K. Carrington, Head, Technical Services Section. Instruction for MARC Maps format data preparation will be provided by Elizabeth U. Mangan, Head, Data Preparation and Files Maintenance Unit, Donna S. Lewis, MARC Verifier, Data Preparation and Files Maintenance Unit; and by Mr. Carrington. The cataloging of cartographic material will be covered by John R. Schroeder, Head, Cataloging Unit, Richard M. Fox, Map Cataloger, Minnie A. Modelski, Atlas Cataloger, and other staff members of the Cataloging Unit.

Lecture Series (Session I) June 16-17: The two-day lecture series is intended to provide a general orientation on the use and application of the MARC Maps format for the processing of cartographic materials in the Geography and Map Division of the Library of Congress, and to examine MARC Maps, particularly as to its impact on and value in on-line cooperative cataloging of cartographic materials. The Session I will be open to a maximum of 100 registrants.

Practicum (Session II) June 18-20: The 2-1/2 day practicum is intended to provide a relatively intensive, practical orientation to LC and Geography and Map Division practices and procedures for MARC Maps data preparation and cartographic material cataloging. This session of the workshop will be of particular interest to catalogers and map librarians who are inputting map records into utilities such as OCLC or RLIN, or who are planning to do so.

Due to space and staff limitations, this session will be limited to a maximum of 60 registrants. To take advantage of the workshop's proximity to the Special Libraries Association Conference (with consequent savings in travel expenses for those participating in both events) registrants from outside the Washington, D. C. area will be given preference during registration.

This session will feature "hands on" experience in MARC Maps format data preparation, a demonstration of LC's new component word searching capabilities, and cataloging of cartographic materials (maps and/or atlases). The cataloging experience will emphasize the current "state of the art" of LC Geography and Map Division cataloging policies, procedures, and practices in accordance with AACR-1 and Revised Chapter 6.

For further information contact: MARC Maps Processing Workshop (phone 202-287-8530) - Geography and Map Division, Library of Congress, Washington, D. C. 20540

¶ THE GREAT DEBATE

David A. Cobb's presentation to the annual meeting of the Geography and Map Division, Special Libraries Association in Honolulu in June 1979, was published in Bulletin No. 117, September 1979: "The Politics and Economics of Map Librarianship" (pp. 20-27).

In this article/presentation, Cobb raises the issue of map librarians' affiliation with Special Libraries Association, asking the question of whether it is "the rightful umbrella for the national map organization?"

Bulletin No. 117 also reports the annual Business Meeting which was held on Monday, June 11, 1979. Under new business (p. 32) Dave Cobb "placed the issue of Geography and Map Division disaffiliation from SLA before the membership for discussion". The Membership assembled adopted a motion that requested "the Chairman to form a Committee to study disaffiliation"

Stanley D. Stevens took another tack in his article in Bulletin No. 118, December 1979, "An American Federation - a Proposal to Unite all Groups Interested in Cartographic Materials" (pp. 2-6). This article reviews the issues in what has now been dubbed "The Great Debate", and indicates the general consensus among Members of the Western Association of Map Libraries toward affiliation vs. independence.

Jeremiah B. Post rendered "Some Thoughts on Organizations" in Bulletin 119, March 1980 (pp. 2-3). He expresses the view that map librarians are part of "the larger community of cartographic information and format specialists" and whatever choice an individual might make, staying in SLA or leaving for greener pastures, "we will continue to work together no matter what organizational label we wear".

Bulletin 119 (pp. 56-60) contains the "Disaffiliation Committee Report February 1980", by Kathleen Zar, Chairman. She indicates that "the Committee cannot recommend any individual position". Four organizational arguments are presented:

- I. A.L.A. report, written by David Cobb, summarized by K. Zar.
- II. Independent association report, written by John Schroeder, summarized by K. Zar.
- III. Other professional associations, written and summarized by Kathleen Zar
- IV. S.L.A. report, written by Mary Galneder, summarized by K. Zar

David Cobb's "SLA or ALA", a summary of his position that appeared in Bulletin 117, was published in Special Libraries (December 1979, pp. 505-6), the parent journal of the Special Libraries Association. Cobb finds an ally in Richard Daugherty, who wrote in the March 1979 issue of the Journal of Academic Librarianship that "... no organization other than ALA can legitimately represent the interests of all librarians".

Cobb touched some sensitive points, as usual, and drew two letters in the April 1980 issue of Special Libraries (p. 11A), which are reprinted here for your convenience:

LETTERS from *Special Libraries* - the debate continues:

LETTERS

SLA or ALA

The December issue of *Special Libraries* led off with that short statement by David Cobb about SLA or ALA for map librarians. I believe it deserves a reply.

Cobb's article, "SLA or ALA" [SL 70 (no. 12):505-506 (Dec 1979)] asks if SLA is the right professional association for map librarians. In my view, the options are not necessarily limited to "either/or." As an academic special librarian, I have belonged to both SLA and ALA (ACRL) for many years and have derived substantive *but different* benefits from both associations.

However, as the manager of a library that includes a current cartographic collection in excess of 500,000 sheets, I encourage my technical information specialists and librarians to participate in SLA *first*. This is because 1) few journals for librarians reach the levels of professional concentration achieved by the *Bulletin of the Geography and Map Division*, and 2) because I learned, while Conference Program chairman a year or two ago, that the Geography and Map Division really puts on meaningful, imaginative programs at the Annual Conference.

ALA has now approved the establishment of a new Geography and Map Round Table. As a former chairman of an ALA Round Table (Federal Librarians) as well as of an SLA Division (Military), I *know* that SLA divisional status is the far better deal both economically *and* politically.

And there is an additional bonus. SLA's new executive director, David Bender, is obviously willing and able to work creatively on the problems of representation, consultation, and input surfaced by Cobb. At the Winter Meeting in San Antonio, Bender identified the constructive steps already taken (with much more planned) to improve two-way communication with the membership and with sister associations. Now is the time to work together to preserve the historical effectiveness of the Geography and Map Division, and I hope David Cobb will join in the effort.

Robert Lane
Air University Library
Maxwell Air Force Base, Ala. 36112

Curious

David Cobb's essay "SLA or ALA" (SL 70 (no. 12): 505-506 (Dec 1979)) is curious indeed. He argues that SLA is not serving the needs of map librarians and that they

should establish a Map and Geography Round Table within ALA. It should be stated that ALA Council did approve such a Round Table at its Winter 1980 meeting after the Committee on Organization acted favorably upon a petition signed by approximately 100 ALA members.

It is curious that Cobb neglected to state that the Geography and Map Division of SLA, established in 1941, has been the "umbrella" under which many map librarians "are, as a field and as individuals, better educated, better trained, and have more experience than our predecessors."

It is curious that Cobb takes SLA to task for not being asked for input to AACR 2 and other changes. Where were Cobb and other G&M members when these changes were being considered? Certainly not speaking to SLA and demanding a voice in the changes.

It is curious that Cobb believes that map libraries are now on "the fringe of librarianship" and that joining ALA will "place us in the center, where we belong." People are the vital component in any organization. If G&M members do not attend other division programs at SLA conferences, as Cobb states, why should they attend ACRL or GODORT meetings?

In a meeting with G&M officers at the SLA Winter Meeting in January, at which Cobb was not present, the officers spoke of their insularity and acknowledged the need for communication with SLA in the wider context of librarianship. Cobb seems to recognize this also and appears assured that it will happen within ALA. But will it if map librarians remain insular?

G&M members are being surveyed to determine their desires about affiliation. There are apparently three choices: SLA, ALA or a completely independent organization. At the meeting mentioned above, all three choices had advocates. It is conceivable that all three could come about thereby fractionating map librarians to the point of inability to act.

I claim that SLA has been most hospitable to G&M members, providing them with a forum to discuss their needs, a mechanism to publish their outstanding bulletin, and an opportunity to interact with all aspects of librarianship. If SLA has not always been responsive to some of their needs, that was unfortunate and in the past. Better two-way communications henceforth will assure this division a distinguished future within SLA.

Joseph M. Dagnese
President, SLA

- ¶ Mexico. Secretaría de Programación y Presupuesto.
Inventario de Información Geográfica. Mexico 1980, numero 1, enero.

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The catalog itemized above is the new format (28 x 22 cm.) for the national mapping agency, formerly known as DETENAL. This 32-page catalog replaces the one-sheet, two sided, map issued quarterly. The latter index-map had several types of maps combined on the same block, this catalog has a separate page for each map series. The principal deficiency of this new catalog, however, is the use of the same color to indicate those sheets that have been published in final, multi-colored editions, from those that are "Provisional". To distinguish between these two editions the agency has used the same green ink, and the Provisional editions are screened-down to present a lighter shade of green. It gets a little tricky to read. So, the improvement sought by departing from the former index map, a desirable attempt, has not yet been achieved.

The Inventario de Información Geográfica is available from Sr. Enrique Samper Blasco, El Jefe del Centro de Información, P. O. Box 7577, Calexico, California 92231; or, Centro de Asesoría y Venta de Información Estadística y Cartográfica, Balderas 71, Mezzanine, Mexico 1, D.F.

¶ Accession Lists from Map Libraries

Oxford University. Bodleian Library. Map Section.

Selected map & book accessions. January 1980, No. 350; February 1980, No. 351.

University of Oregon. University Library. Map Library.

Selected new atlases, maps & news. April 1980, No. 20 (covering period for October 1979 - March 1980).

Among the News Notes, Ed Thatcher, Map Librarian, notes that "there is a written report within the latest NEWSLETTER of the Geoscience Information Society that I have retired. I wish to deny that and vigorously. I expect to continue issuing the above Selected Acquisition Lists for several more semi annual intervals."

Brigham Young University. University Library. Map Collection.
Selected Acquisitions. January - April 1980.

California State University, Fresno. The Library.
Atlas and Map Acquisitions. 1979. February 1980.

Herb Fox, Map Librarian, notes the Library's total holdings, as of
December 31, 1979: Defense Mapping Agency 32,690; U.S. Geological
Survey 44,342; Others 15,460; Total: 92,492.

University of Illinois. Urbana-Champaign. University Library. Map and
Geography Library.
Biblio. 1980, No. 1.

The News and Notes section of Biblio is always filled with useful
and important information. This issue includes notes on an analysis
of the OCLC cataloging used by the University of Illinois Library, and
a report on the U.S. Army's plan to initiate advanced development
of a Quick Response Multicolor Printer "that will meet the military
requirements for high quality, cost-effective, multicolor repro-
duction of topographic maps, terrain intelligence information,
overlays for existing maps and multicolor overprinting onto con-
ventional maps.

The Maps section contains the OCLC number, which is always a welcome
feature of Biblio. Given the availability of an OCLC terminal, any
accession that appears in Biblio that needs further description
(either for cataloging or acquisition) can be retrieved with the use
of the OCLC number. This feature should be appreciated by all recip-
ients of Biblio.

Included in this issue of Biblio is the announcement of the program
for the June 30/July 1 meeting of the ALA Map and Geography Roundtable,
meeting at the American Library Association Annual Conference in New
York City:

The Ad-Hoc Organizing Committee is composed of David A. Cobb (Illinois),
Robert Karrow (Newberry Library), Mary Larsgaard (Colorado School
of Mines), Richard Fox (Library of Congress), and Charles Seavey
(University of New Mexico). This group has scheduled an organization
meeting at the ALA Conference on June 30th from 9:30 to 11:00.
In addition, a professional paper session is scheduled for Tuesday,
July 1 from 2-4 p.m. with the following participants:

William C. Roselle, Chair; June Harris: "Maps in Public Libraries";
Mary Larsgaard, "Cartographic Materials for Energy Research";
Theresa Marquez, "Government Publications for the Map Room";
James O. Minton, "The OCLC Map Users Group".

Information on the meetings, the Roundtable, and membership can be
obtained by writing to David A. Cobb, Map and Geography Library,
University of Illinois Library, Urbana, IL 61801.

¶ New Acquisitions List On the Scene

Mary Larsgaard, Map Librarian, Colorado School of Mines, Golden, CO 80401 is distributing (every two weeks) the library's Accessions List, Library New Books, in which maps and other earth science materials are listed.

The Accessions List contains all material processed by the Cataloging Section of the Colorado School of Mines through the OCLC computerized cataloging data base.

Although the OCLC number is not included, the correct entry and title are. Map entries, as distinguished from materials accessioned for another collection within the School of Mines, are coded with the COPM designation. One may scan the list and select items of immediate interest.

Accession List No. 13 covers the period from January 1 through 15.

¶ The Geography and Map Division of The Library of Congress has moved back to Washington, D.C., after a 12-year temporary visit in Alexandria. The following telephone numbers are furnished via courtesy of Mary Larsgaard:

Administrative Office

(the Area Code is 202)

John A. Wolter	287 - 8530
Ralph E. Ehrenberg	8530
Barbara R. Noe	8530
Winnifred N. Henderson	8530
Andrew M. Modelski	8533

Reference and Bibliography Section

Richard W. Stephenson	6277	(MAPS)
Thomas G. DeClaire	6277	
Patrick E. Dempsey	6277	
Gary L. Fitzpatrick	6277	
James A. Flatness	6277	
Charlotte Houtz	6277	

Technical Services Section

David K. Carrington	8534	Pamela A. Rau	8512
Donald A. Wise	8535	Alex D. Richey	8508
Nicholas Barnaj	8536	James Golliver	8506
Milton Cole	8537	Eliz. U. Mangan	8520
John R. Schroeder	8510	Sharon Burroughs	8522
Diana H. Chen	8518	Sylvia Landes	8523
Barbara M. Christy	8515	Donna Lewis	8521
Kathryn L. Engstrom	8516		
Janice T. Fitzpatrick	8517		
Richard M. Fox	8511		
Alfred A. Herman	8519		
Minnie A. Modelski	8514		
Charles B. Peterson	8509		

¶ PRESERVATION of cartographic materials is of special interest to map librarians, archivists, and special collections people. The arrival of the following two items merits special notice, and they are most welcome:

- #1 Polyester Film Encapsulation. United States. Library of Congress. Preservation Office.

(LC publications on conservation of library materials)

Supt. of Docs. no.: LC 1.2:P76 Z701.U54 1980 LC # 79-607924
 ISBN 0-8444-0323-7 For sale by the Superintendent of Documents,
 U. S. Government Printing Office, Washington, D.C. 20402 Stock Number
 030-000-00114-1 \$1.75

CONTENTS: Introduction
 The Character of the film
 Deterioration of Polyester Film
 Permanence and Durability of Polyester Film
 Other Physical and Chemical Properties
 Sealing
 Desirability of Deacidification Treatment of Items before
 Encapsulation or Lamination
 Effects of Encapsulation on Deterioration Rate of Contents
 The Importance of Choice
 Advantages and Disadvantages of Polyester Film
 The Polyester Envelope
 Making a Polyester Envelope
 Variations of the Polyester Envelope
 Four Polyester Encasements
 Polyester Film Encasement for a Folded Item
 Polyester Book
 Appendix

- #2 The Hollinger Corporation. Catalog and Price List 1980.

P.O. Box 6185 (3810 South Four Mile Run Drive) Arlington, VA 22206
 phone (703) 671-6600

Preservation/Encapsulation, Microfilm Storage Boxes, Custom Archival Boxes, Phase Box Maker, Document Cases, Pamphlet Files, Storage Boxes, Envelopes, Folders, Papers.

Since 1945, these storage items have been used by federal agencies and institutions, public and private libraries, historical societies, museums, commercial, and industrial organizations throughout the United States and Canada.

Map folders are available in two weights, minimum pH 8.5 and buffered with special archival alkaline sizing for ultimate longevity:

Leight-weight: .010" tan acid free stock	24" x 36"	Order in units	85¢ ea.
	30" x 42"	of 100	1.34 ea.
	36" x 48"		1.70 ea.
Heavy weight: .020" tan acid free stock	20" x 24"	Order in units	.94¢ ea.
	20" x 28"	of 100	1.07 ea.
	30" x 40"		2.30 ea.
(special sizes at small additional charge)	45" x 74"		5.57 ea.

Prices are subject to change without notice, therefore, interested parties are urged to write for the current price list. The above prices are shown as examples only. Quantity prices are available.

Polyester Film (pre-cut sheets):	3 mil.: 10" x 12"	.12¢ ea. (100 sheets)
	12" x 14"	.155¢ ea
	18" x 26"	.385¢ ea
Rolls of 3 mil. 36" x 212' @ \$72.	4 mil.: 24" x 29"	.715¢ ea.
	4 mil. 36" x 156' @ \$72.	26" x 42" \$1.11 ea.

(Heavier weights, e.g., 5 mil. & 7 mil., are not offered in this catalog.)

Double-coated tape: ¼" x 36 yds. @ \$2.52 ea. & ½" x 36 yds. @ \$3.65 ea.

Corner Rounder @ \$63.00; Alignment grid @ \$5.00; Instruction sheet (free).

Many other products are available, e.g., deacidification solutions and sprays.

¶ WAML MEMBER IN PRINT

Mary B. Ansari, Mines Librarian, University of Nevada, Reno, is the compiler of an annotated bibliography published by the Sierra Nevada Chapter of Special Libraries Association:

GOLD and SILVER PROSPECTING BOOKS IN PRINT

This annotated bibliography contains nearly 200 items including books, pamphlets, maps, and both U.S. and state documents. All items have been recently verified with their publisher to provide accurate bibliographic data, including the current price. Some of the items are free, and many are inexpensive.

\$3.75 ea, \$3.50 ea. for 25 copies or more: prepayment required.
Sierra Nevada Chapter, c/o Wayne Waller, 533 40th St., Sacramento, CA 95819.

(Thanks to WAML Member Linda Cottrell, University of Arizona, Tucson, for this item. And, congratulations to Mary.)

¶ ILLINOIS LIBRARY GETS RARE 1689 MAP -- ITS 300,000th

URBANA, Ill. -- The University of Illinois map and geography library -- already one of the nation's largest -- recently got a little larger. It acquired its 300,000th map, purchased by the U. of I. Library Friends.

David Cobb, librarian, said the Illinois map library has the largest collection of maps, aerial photographs and geography books of any college or university library in the United States. And only Library of Congress and New York Public Library holdings exceed the 480,000-plus cartographic items at Illinois.

Appropriately, the latest acquisition is a special one, two companion maps almost 300 years old. The only known copies in an American library, they comprise a rare first issue of J. B. Nolin's version of Coronelli's 1689 maps of North and South America. Nolin's maps were published in Paris the same year.

Coronelli's depictions of the American continents were the best and most influential maps of the period, Cobb said. They offered the best synthesis of new French discoveries in the Mississippi Valley and along the Gulf Coast, and Coronelli's depiction of the Great Lakes was the most accurate of any 17th-century map.

Nolin's maps were more than mere reprints of Coronelli's, Cobb said. Nolin added some features giving more up-to-date information about some areas.

To modern eyes, however, the shape of North America on the 17-century maps looks a little compressed, and California is shown as an island, a common error of the period, Cobb said.

The Nolin maps are decorated with elaborately scrolled cartouches and allegorical figures, typical of the time. The cartouche is the familiar box or circle that gives information about a map. "You can always tell where the mapmakers' information was sketchy -- that's where they put the cartouche," Cobb said. In Nolin's North American map, for example, the cartouche lies over the uncharted territory of the Pacific Northwest.

(from the News Bureau, University of Illinois)

¶ MORE SANBORN MAPS LOCATED

Peter Ives, Map Coordinator, Map Room, Government Publications and Maps Department, Zimmerman Library, University of New Mexico, Albuquerque, New Mexico 87131, has reported the recent acquisition of the additional Sanborn insurance maps, which did not appear in WAML Occasional Papers 2 & 3: Union List of Sanborn Fire Insurance Maps Held by Institutions in the United States and Canada.

Carlsbad	1943	16 sheets	NmU
Elida	1909	1 sheet	NmU
Hot Springs	1942	5 sheets	NmU(photocopy)
Kenna	1909	1 sheet	NmU
Socorro	1893	6 sheets	NmU

¶ WAML MEMBER IN PRINT

"The Pacific Scientific Information Center: Geographic Emphasis of a Pacific Map Collection", by Lee S. Motteler, appears in the April 1980 issue of Special Libraries, pp. 229-233. Lee is geographer and map curator, PSIC, Bernice P. Bishop Museum, Honolulu, Hawaii.

¶ TOPOGRAPHIC MAPS OF THE U.S. @ 1:50,000

Gary W. North, Acting Assistant Chief for Information and Data Services, National Mapping Division, U. S. Geological Survey, reports that "the DMA intermediate scale maps of the United States will be available for purchase through standard channels of the National Mapping Division. Arrangements for stocking and distributing of the maps are now underway." (April 1980)

¶ CATALOG OF COPYRIGHT ENTRIES

The *Catalog of Copyright Entries*, Fourth Series, for 1978 onwards has changed from 14 to 8 parts and is being published in a new format as a result of the copyright law, P.L. 94-553.

Published by authority of Section 707 of Title 17 of the United States Code, five parts of the catalog correspond to the administrative classes established under Section 408(c). Three additional parts consist of categories of works within these classes: maps, motion pictures/filmstrips, and serials/periodicals.

Covering registrations during and since 1978, each part will be arranged alphabetically by title, with an index to authors and claimants.

Unpublished as well as published materials will be included in the first seven parts. Parts 1 and 3 will be published quarterly and all other parts semiannually.

The International Standard Bibliographic Description (ISBD) will be used in the descriptive portion of each entry, which will include available ISBNs and ISSNs (International Standard Book and Serial Number).

The new catalog parts are as follows: ... Part 6, Maps,

Orders for one or more parts should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Prices are to be determined annually; the price for the 1978 catalog, Part 6, is \$4.00 (\$5.00 foreign); first issue \$2.25 (\$2.85 foreign); second issue \$2.50 (\$3.15). Part 6 is published only twice each year.

¶ WAML MEETING SCHEDULE

1980-Fall Meeting University of Utah, Salt Lake City; Barbara Cox, Host
 1981-Spring Meeting San Francisco Bay Area (site to be determined)
 1981-Fall Meeting University of Alberta, Edmonton; Ron Whistance-Smith, Host
 1982-Spring Meeting San Francisco Bay Area
 1982-Fall Meeting University of New Mexico, Albuquerque; Charley Seavey, Host

If it's your roots you seek, Salt Lake City's the place

By Bernie Sabey

SALT LAKE CITY

UTAH'S most notable tourist attractions, spectacular mountain scenery, colorful desert expanses and historic sites, may be moving over to make room for another unusual tourist drawing card.

The latest Utah attraction is the Genealogical Library of The Church of Jesus Christ of Latter-day Saints (Mormon), located in the World Headquarters Building of the Mormon Church in Salt Lake City. Its popularity has been growing even faster since Alex Haley's successful book, "Roots," captured people's fancy in tracing their ancestry.

Officials say nearly a million people visited the library last year to research family histories in the largest collection of genealogical information and records in the entire world.

Although the Mormon Church has maintained a genealogical library since 1894, its use by researchers from around the world has grown phenomenally in the past decade. And research in the library has been even more intense since Haley's book and the subsequent television series gave added momentum to genealogical pursuits.

Genealogical research has become the third most popular leisure time hobby in America — surpassed only by coin and stamp collecting.

So many people now head toward Salt Lake City for genealogical research that it's often vital to have advance reservations for sleeping accommodations. Many visitors take advantage of package plans like the Family Heritage plan which uses facilities of the Hotel Utah, the Hotel

The library and its facilities are open to the public free of charge.

San Jose Mercury News, Sunday, May 18, 1980

Utah Motor Inn and the Temple Square Hotel. All are within two or three minutes walking distance of the library.

The library and its facilities are open to the public free of charge.

Entire genealogical research and university groups have booked tours here, and travel agencies often take familiarization tours to aid prospective clients.

Available for researchers in the Mormon Genealogical Library are more than one million rolls of microfilmed records from around the world, with some 60,000 new rolls of microfilmed records added each year.

Additionally, there are about 150,000 volumes of family histories in open stacks and available for public retrieval; about seven million separate family group records; more than 30 million index cards for reference, and computer files containing more than 46 million names.

Library officials say that family records, along with copies of public records from throughout the world are almost at the fingertips of patrons. To gain access to the same kinds of information by individual efforts would take incalculable amounts of time and money.

The library has 400 microfilm readers for use by patrons. Assistance in the use of library materials and resources, along with genealogical research help, are available from trained library technicians at no cost.

One tour, packaged by Utah Hotel Co. (Main and South Temple streets, Salt Lake City, Utah 84111), even offers four hours of professional instruction in how to use the library for family history research, and a special "before you come" packet outlining what the researcher should bring in order to complete the most research possible in a short period of time.

Instruction includes analysis of genealogy and family history, genealogy research note taking, utilizing computer research and library archives, and effective use of library resources.

For the more sophisticated genealogist, the facilities of Ancestral Research Center, Inc. are a block away in The Hotel Utah Motor Inn. The firm is a private research organization, offering specialized family research services for a fee.

Bernie Sabey is a travel writer who lives in Salt Lake City.

† NEW ZEALAND MAPKEEPERS' CIRCLE

The 5th Seminar of the New Zealand Mapkeepers' Circle met at the University of Auckland on January 30-31 and February 1, 1980. The seminar was attended by eighteen mapkeepers, librarians, archivists and others. The following presentations were heard:

"Sources, availability and processing methods of satellite data for map making," by Assoc. Prof. R. Cochrane, Dept. of Geography, University of Auckland.

"Automobile Association and commercially produced maps", by C. O'Brien, Chief Cartographer, Automobile Association (Auckland) and Mr. C. B. Koefoed, Asst. General Manager, Universal Business Directories, Auckland.

"The Inspectorate of Surveys 1867-1876" was the topic of B. R. Patterson, Dept. of Geography, Victoria University of Wellington.

"A study of Doubtless Bay and the Bay of Islands comparing present-day evidence of prehistoric settlement with that charted by Cook, de Surville and Dufresne", by J.R.H. Spencer, Dept. of Anthropology, University of Auckland.

"D.S.I.R. mapping" was the subject of Mrs. P.M. Riddolls, of the New Zealand Geological Survey, Lower Hutt.

"The National Map Collection" was discussed by P. L. Barton, Map Librarian, Alexander Turnbull Library, Wellington, and B. W. Marshall, Geography Librarian, Dept. of Geography, University of Auckland, and Mr. B. R. Patterson.

Mr. B. W. Marshall reported on the Union List of Maps, and P. L. Barton reported on "A National Union Catalogue of Maps (New Zealand)".

At the conclusion of the seminar, NZMC members visited the Hydrographic Office of the Royal New Zealand Navy at Takapuna to view the processes used to compile hydrographic charts.

The next seminar will be held at Massey University, Palmerston North, in 1981, on a date to be set. Mrs. L. M. Griffin, Map Collection, Dept. of Geography, Massey University, Palmerston North, New Zealand, may be contacted for additional information on the 1981 seminar.

† An article in NASA Activities, February 1980, p. 12: RADAR MAPPING OF VENUS.

The Jet Propulsion Laboratory in Pasadena has selected Martin Marietta Aerospace, Denver Division, and the Space and Communications Group, Hughes Aircraft Co., El Segundo, Calif., to conduct studies which could lead to development of an unmanned NASA spacecraft to make topographical radar maps of Venus in the mid-1980s.

When the \$500,000 study contracts are completed in the summer of 1980, one of the two companies may be chosen to develop the Venus Orbiting Imaging Radar (VOIR) spacecraft if the mission is approved by Congress.

The primary mapping instrument aboard the spacecraft will be a side-looking synthetic aperture radar similar to one flown in 1978 aboard NASA's experimental oceanographic satellite, Seasat.

- ¶ "New Zealand Map Collections" is the title of an article by Lilian Griffin, Massey University Map Library, Palmerston North, New Zealand, that appears in the January 1980 issue of Special Libraries (p. 30-36)

The article includes a size-table of "New Zealand Map Collections in 1979", and a table to demonstrate the "Administration of University Map Libraries".

The role of the New Zealand Mapkeepers' Circle is discussed, as well as the hope that a National Map Collection can be established. The bottom-line of her analysis is that New Zealand, with only 3.2 million people, "is too small to support more than one main collection".

It is noted elsewhere in this issue of NEWS NOTES that the 5th Seminar of the New Zealand Mapkeepers' Circle discussed the "National Map Collection" at their meeting in January/February 1980 in Auckland.

- ¶ Jeremiah B. Post, map librarian, Free Library of Philadelphia, is a candidate for election to the Board of Directors, Special Libraries Association, for the 1980-1983 term.

- ¶ The 45th Congress and Council Meeting of the International Federation of Library Associations was held in Copenhagen, Aug. 27-Sep. 1, 1979. The Geography and Map Libraries Section was presided over by Chairman Dr. Helen Wallis.

A report of the meetings of the Section appears in the March 1980 issue of Special Libraries (p. 195-196), with pictures of some of the participants: (p. 191) Wilhelmina Van De Waal, John Wolter, and Mary Murphy.

- ¶ OCLC Map Users Group. Newsletter No. 3. May 1980. This issue, sixteen pages, edited by Laura Macqueen, includes a two-page description by James A. Coombs in which he shares his "Experiences with OCLC Cataloging Procedures".

- ¶ Australian Map Curators Circle. Newsletter 13. December 1979. The President, Dorothy Prescott (who is also the National Map Curator, National Library of Australia), announced that the third edition of the Directory of Australian Map Collections has now been completed by Nancy Rauchle and should appear in May or June 1980. Enquires should be sent to the Map Collection, National Library of Australia, Canberra, A.C.T. 2600.

- ¶ The April 18, 1980 (Vol. 39, No. 16) issue of the Library of Congress Information Bulletin reports on the Dedication of the new Madison Memorial Building addition to the Library of Congress. The Staff News section of this issue features pictures and text on the G&M Move to JMMB. Pictured are reference librarian Jim Flatness, reference librarian Gary Fitzpatrick, Richard Stephenson, head of Reference and Bibliography Section, and former Chief Walter W. Ris-tow and present chief John Wolter.

MicroCartography

by Larry Cruse

This is the second in a planned regular series dealing with cartographic microforms. Let me know which topics you want covered and I'll see what can be done. If you have news items, especially regarding state and local map microfilming projects, send them along, or submit a few pages and we'll insert them here. My address is, Map Section C-075P, University Library, University of California-San Diego, La Jolla, CA 92093, phone (714) 452-3338.

"There is no point in being more than 10 minutes ahead of the times."

GOVERNMENT PRINTING OFFICE

In the last issue I mentioned that GPO was distributing maps on microfiche to depository libraries. In spite of the reduction labeled on the headers as "24X" (an error I relayed), these are actually 12X reductions. This size image (nominally 105mm) may have significant implications if the program distributes a large volume of maps, since only special microfilm readers can project such full-fiche images. While full-fiche readers can be used for all smaller formats (16mm, 35mm, & 70mm), smaller format readers are at a disadvantage with full-fiche, and map librarians are at a disadvantage in not knowing the quantity of 105mm material they will eventually have to deal with. Since I think 105mm material is best within a map library context, I'm glad to see GPO supply it, irrespective of the high cost of appropriate equipment and the difficulty inherent in making prints. The equipment will pay for itself in user satisfaction and accomplishment, and current printers can be modified to print it.

GPO will also begin issuing the USGS Open-File Reports (and maps) on microfiche in the near future, according to Nancy Pruett of UCLA. Unannounced is whether these will be the USGS version -- 35mm on microfiche -- or the GPO version mentioned above. If the USGS version is used, judging from the lone sample I have, we are in trouble on qualitative grounds; if the GPO "style" is used, it is time to start saving for a 105mm full-fiche viewer; these start at about \$2,000. Of course, if you have a Mapograph or some similar projector for over-size images, there will be no problem. Otherwise, you might be interested in the two 105mm readers presently in use by the Public Archives of Canada, the Pepco MFI-Type C for inspecting cut microfiche, or Keuffel & Esser's Micro-master 5X Viewer. The former is about \$4,000 and the K+E about \$2,000. Pepco's address is 544 Tenth St., Palisades Park, NJ 07650, tel.: (201) 947-0500, and K+E is at 20 Whippany Road, Morristown, NJ 07960. The Pepco reader can be ordered with up to three lenses, which promises great versatility, while the K+E is a single lens model. K+E also makes other, more exotic, more versatile, more expensive, units - so you might outline your interests if you contact them. In the meantime, conventional, small and medium format readers and reader/printers are perfectly adequate, but watch for new developments in this area, including laser optics (greater "critical focus" latitude and ability to handle multiple images, such as map separations), solid state optics (such as scanning arrays which transfer "pixels" to the screen), and fiber optics (high light transmission and flexible projection), all of which will lead to lower power requirements, finer images and manipulation of them. (see "Patents", below)

USGS ORTHOPHOTOQUADS

There has been some background murmuring about USGS committing the orthophotoquad program to microfilm, since supply of paper-copy to depository libraries would cost about \$100,000 per year. Nothing like that is even at the discussion stage, according to Gary North, who has moved up from Chief of the National Cartographic Information Center to Chief of Information and Data Services at USGS (his new address is 341 National Center, Reston, VA 22092). Nor does he offer any hope that USGS will support 105mm map microfilming, since "NCIC, as an information organization, microfilms maps as an encoding medium and for informational backup, not as surrogate maps", which is what 105mm map microforms are.

NATIONAL ARCHIVES AIR PHOTOS

Charles Taylor, Assistant Director, Architectural and Cartographic Archives, recently related their experience with microfilming of aerial photos, both at 70mm and 105mm. They have found that for exacting applications, such as engineering and archaeological studies, microfilm is inadequate; for less rigorous studies, such as history, geneology and anthropology, it is fine. So, where demanded, they are making 1:1 contact transparencies for preservation.

An additional problem has proven to be the mosaic indexes of air photos, since these present multiple densities to the camera, which make camera settings difficult. This problem is in direct proportion to the reduction factor; microfilms of 9x9 inch mosaics are much better than indexes several feet on a side.

I had been pinning a great deal in this regard on an article entitled "Aerial Photographs on Microfilm", which appeared in The Kodak Compass (No. 2, 1974, pp. 1-2.) It details the successful 35mm microfilming of air photo transparencies by Park Aerial Surveys for Clark County, Kentucky, using RECORDAK AHU Microfilm 5460 in a positive mode. Apparently the same does not hold for old, poor contrast, nitrate-base images such as those held by the National Archives.

Incidentally, subscriptions to The Kodak Compass are free: The Kodak Compass, Eastman Kodak Company, 343 State Street, Rochester, NY 14650. They also have available another serial, Tech Bits, which may be of interest. Subscriptions are available to it through the Editor, Tech Bits, at the same address above. The Compass is applications oriented, including equipment, while Tech Bits covers developments in film technology. Both are authoritative and useful.

STANDARDS

Ralph Ehrenberg, who recently left his position as head of the Architectural and Cartographic Archives, National Archives and Records Service, to become Assistant Chief of the Library of Congress' G & M Division, has agreed to chair the National Micrographics Association's Committee on Engineering Drawings' Subcommittee No. 3, which will write the long-needed standards for cartographic microfilms. These standards will be built on actual practice rather than on what users would like to see (darn!).

If you would like to persue the standards issue further, Don M. Avedon's "International Update: Micrographic Standards Worldwide", appeared in the IMC Journal, Vol. 1, No. 3 (3rd quarter 1978) pp. 11-14. It represents a good survey of the field.

The other news item from the Library of Congress concerns the Photoduplication Service, which has recently been filming maps and atlases from the G & M Division for preservation. Such filming is announced in their Photoduplication Service Circular series, which is available free from the Service, The Library of Congress, Washington, D.C. 20540.

CANADA

The publications of Statistics Canada are being microfilmed by Micromedia Ltd., 144 Front Street, Toronto, Ontario M5J 2L7, tel., (416) 593-5211. Louise Fast, Customer Service Manager, kindly sent some samples containing maps, such as the Saint John housing atlas from the 1941 Census of Canada (1946), Larry A. Rhude's Characteristics of lakes and ponds within the Edmonton area, and several similar reports which have maps integral with data or text. Since the maps are page or double-page size, they are easily handled by the standard 24X reduction microfiche. For more information, contact Ms. Fast for catalogs and prices. Micromedia also indexes and publishes other Canadian Government publications of possible interest, such as MicroLog Index (Information Hotline, Vol. 12, No. 3, March 1980, p. 8).

BRITAIN: OS SIM

The microfilm program of the Ordnance Survey is the subject of a very thorough article by M. C. Simmonds in the current issue of Microdoc (Vol. 19, No. 1, pp. 15-26), "The Presentation of Survey Information on Microfilm". It discusses the background and current status of the 1:1250 and 1:2500 35mm aperture card program, detailing the production (from mylar originals), distribution to sales agents and printing for customers of the black-and-white maps, which is a model of how we may be operating in map libraries here some day.

A critique of this program occurs in the recently issued "Serpell Report", (Report of the Ordnance Survey Review Committee (London: HMSO, 1979, £ 20)). It discusses problems with the Survey Information on Microfilm (SIM) program as a replacement for paper maps (see Gary North, above, in ORTHOPHOTOQUADS), but also discusses the possibility of OS producing computer output microfilm maps from its digital data base. A summary of the Report appeared in The Geographical Magazine for December 1979 (pp. 241-243).

The equipment used in the SIM program is manufactured by CAPS of England, and is available through Rogers & Clarke Manufacturing Co., 901 River Lane, Rockford, Illinois 61111, tel.: (815) 877-3069. Prices range from \$9,000-\$15,000, with prints up to 24 x 36 inches possible.

This whole program seems a very enlightened way of distributing the frequently updated, large volume of large-scale monochrome maps, and this is often the approach taken by local governments in the U.S., although no one seems to know just which ones do and which don't. One very different aspect in the U.S. programs is their "public domain", and at cost, availability; OS charges over \$12.00 per aperture card and maintains tight copyright control over reproduction; in the U.S., such aperture cards are about 50¢ (maximum), and printing is unrestricted.

MAPS OF THE AMERICAN REVOLUTIONARY ERA (Update)

EP microfilms delivered our four rolls of "manuscript" maps recently. The final price was \$139.27, including mailing. Images are positive, the film base is silver continuous tone, with each map preceded by an identifying image. Many of the maps are printed issues, with contemporary hand annotations. I counted 104 maps on roll 1, some of them are sequential shots of large maps. The definition is very good, but the title frames do not always include the reduction ratio, and much of the film is left blank. Still, this represents an absolute bargain to those of us on a shoestring, and gives us a certain amount of freedom to enlarge/reduce the maps to fit patron needs. At about 35¢ each, maps such as these are always welcome.

PANAMA

Available so long, I almost completely forgot to mention the Collection of maps relating to Panama, A. D. 1417-1925, a series of 125 printed and manuscript maps, plans and views on 167 frames, available as one roll of silver film for \$15 from N. A. Kovatch, Microfilm Dept., 4801-09 Second Ave., Los Angeles, CA 90043.

BUREAU OF LAND MANAGEMENT

BLM is converting their roll-film 35mm images of U.S. land surveys and field notes to a microfiche format based on townships. These will be available for \$1 per fiche for the maps and 25¢ for the notes. To give you some idea of the size of this project, California is currently covered by 50,000 images; these images will be ganged-up, six maps to a microfiche. For more information, contact your state BLM office, or the Denver regional headquarters (BLM, Denver Service Center, Federal Center, Building 50, Denver, Colorado 80225).

GEODESY

The National Geodetic Information Center (NGIC), announced in their current NOAA Geodetic Newsheet (April 1980, No. 4 -- subscriptions available free from NGIC, Rockville, MD 20852, attn: Jeannie Holdahl), that quad formatted geodetic information was now being produced on COM microfilm, beginning with the Mississippi River area. These will also include "...adjusted elevation for each state, an approximate horizontal position and a modeled surface gravity value..." (p. 6). Price information was not included.

POLAROID

Important to map libraries is the fact that Polaroid has available some high resolution instant films in a positive/negative format: Types 55 & 665 yield 150+ lines/mm, which should tolerate reductions of up to about 12X or better. The product consists of a positive print (for the card catalog) and a transparency (for the micro file), at about 50¢ per image. If you would like to read more about this system, an article appeared in Special Libraries, Vol. 48, No. 9, pp. 426-427, based on a presentation by Kemon P. Taschioglou in 1957. With these high resolution films, and the optional Polaroid film backs available for most medium-format cameras, or Polaroid's own MP-4 (\$3,000.) map microfilming might well come of age as a do-it-yourself technology, with quick, inexpensive output a reality. Color film is the next step, and Polaroid uses inorganic color dyes which have better shelf-life than the conventional, organic dye variety.

PATENT

This trimester's microcartographic patent will probably reproduce too small to be read in detail. I include it partly for the text, but mainly because of its auspicious inclusion of a "fiber-optic light-funnel system", and liquid crystal arrays to transmit stereo-viewed images for recording on microfilm. While complex, the same optical train principles might eventually see utilization in viewing equipment, yielding fiber optic reduction and transmission, and liquid crystal array viewing of stereo pairs.

3,978,444

SEAFLOOR MAPPING SYSTEM

Robert D. Hitchcock, Ventura, Calif., assignor to The United States of America as represented by the Secretary of the Navy, Washington, D.C.

Filed May 30, 1975, Ser. No. 582,481

Int. Cl.² G01S 9/66, 7/60

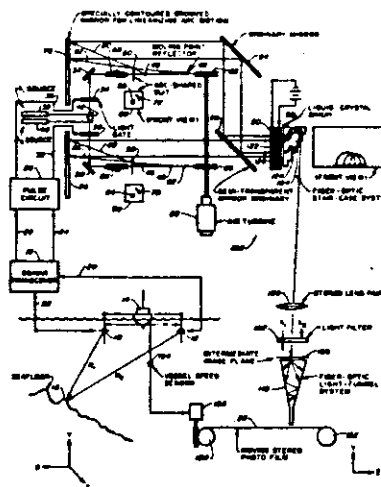
U.S. Cl. 340-3 F

12 Claims

1. A seafloor mapping system for providing a stereo-film of the coordinates of the seafloor being mapped from first and second echo ranges produced by respective first and second rotating, pulsed, side-looking sonar transducers comprising:

- a. means for creating a point of light with respect to first and second center reference points on said means such that first and second vectors are formed therebetween, said first and second vectors being functionally related to said first and second echo ranges, respectively;
- b. said stereo-film having a centerline along its longitudinal axis; and
- c. means for guiding said point of light onto said stereo-film exposing said film at a point on either side of said center-

line, the perpendicular distance from each said exposure point to said centerline being proportional to the vertical



distance from said first and second transducer to the seafloor surface being mapped.

If you would like to persue the fiber optic literature further, the Library of Congress has produced an LC Science Tracer Bullet which was sent to depository libraries through the Government Printing Office. Entitled "Fiber Optics", it was comiled by Y. Y. Liu and carries SuDoc catalog number LC 33.10: 77-13.



WAML INCOME & EXPENSES FOR THE TUCSON MEETING, OCT. 25-27, 1979

Income

Materials & Registration Fees	\$585.00
Bus & Van Income in Tucson	81.00
Sale of Extra Cataloging Manuals	399.09
	<hr/>
	\$1,065.09

(Expenses - continued)

Coffee & Donuts	\$90.05
Meeting Announcement & Mailing	71.36
Bus & Van Expense incl. gratuities	70.06
	<hr/>

Expenses

Travel & Housing for Guest Speaker	\$365.96
Materials - Map Samples	39.87
Cataloging Manual	485.64

Total Expense \$1,122.94

Net Balance (\$-57.85)

Stanley D. Stevens, Treasurer



DEALERS' CATALOGS RECEIVED = ¶ • = PUBLISHERS' CATALOGS RECEIVED

- ¶ Bow Windows Book Shop, 128 High Street, Lewes, East Sussex BN7 1XL, England
Catalogue Eighty-Three: 72p., 597 items, all books. Includes "Travel and Topography for United Kingdom and Overseas."
- ¶ Dawson Rare Books, 16 & 17 Pall Mall, London SW1Y 5NB, England
Map Catalogue III: Antique Maps, 55p., 305 items. This is a fine and beautiful catalog, illustrated throughout with 51 reproductions including four in color on the inside front and rear covers - the cover is in full color.
- ¶ Elizabeth F. Dunlap. Books and Maps, 6063 Westminster Place, St. Louis, Missouri 63112. phone (314) 863-5068
List No. 33-M:Americana in Maps -- with an addenda of books. 16p., 252 items.
- ¶ The Jenkins Company, Box 2085, Austin, Texas 78768
Catalogue 123: Recent Acquisitions, Literature and Americana. 2109 items
Catalogue 124: Rare Americana with a choice selection of Latin Americana. 920 items, includes maps.
- ¶ Capt. K. S. Kapp, Box 64, Osprey, Fla. 33559
Catalogue XVII: The Americas / Maps & Prints. 36 p., 731 items, 34 illus.
- ¶ R. T. Lombard, Jr. Antique Maps. 21-2 Fort McNair, Washington, D.C. 20024 (202) 554-3676
Spring 1980. 16 p., 63 items, illus. 25.
- ¶ J. Patrick McGahern - Books Inc. 763 Bank Street, Ottawa, Ontario K1S 3V3
Catalogue No. Thirty-Eight: The Arctic, Part One: Alaska, Yukon, Sub-Arctic, Labrador, Greenland, Iceland, Siberia, Antarctic. 356 items.
- ¶ Neil McKinnon Limited. P.O. Box 847, Timaru, New Zealand
Antique maps, books and old sea charts - regular postal auctions;
New Zealand distributor - The Map Collector.
various single-sheet quotes received

- ¶ George S. MacManus Co., 1317 Irving Street, Philadelphia, PA 19107
(215) 735-4456
- Catalogue 248: Rare Americana - American Revolution, architecture, arts & crafts, Civil War & The South, general Americana, Indians & The West, Pennsylvania & Philadelphia, ships & the sea, travel & exploration.
61 p., 303 items
- ¶ Kenneth Nebenzahl, Inc. 333 North Michigan Avenue, Chicago, Illinois 60601
(312) 641-2711
- The Compass, Number 41, Spring, 1980. 32p., 56 items, 32 illus.
- ¶ Bernard Quaritch Ltd. 5-8 Lower John Street, Golden Square, London W1R 4AU
- Catalogue 1006: Travel. 1980. 128p., 609 items.
With Rough-List supplements: Americana, Captain Sir Richard Burton, and Slavery.
- ¶ P. J. Radford. Sheffield Park, Nr. Uckfield, Sussex, England
- Catalogue No. 32, 53 p., 193 illus. maps and prints: British Isles, Parts of the World, Americana. Illus. on cover in color.
- ¶ Wm. Reese Co. 409 Temple Street, New Haven, Connecticut 06511 (203) 789-8298
- Catalogue One: Americana / A varied selection of rare and unusual Americana with some works in other fields. 40p., 228 items.
- Verso of title page contains "A NOTE. This is my first catalogue as William Reese Company. For the past five years I have been a partner with Fred White, Jr. in Frontier America Corporation of Bryan, Texas. I have decided to live permanently in the Northeast, while Fred wishes to remain in Texas, and so we have divided the business. I am in the process of renovating a building in downtown New Haven, and when it is completed, hopefully in the late spring, visitors will be welcome by appointment.
My stock consists primarily of Americana of all periods, with emphasis on Western material. However, I have an increasingly large stock of natural history, color plate books, photography, reference works, and some literature."
- ¶ Walter Reuben, Inc. Suite 910, American Bank Tower, Austin, Texas 78701
(512) 478-3338
New York office: 667 Madison Avenue, New York, NY 10021, Suite 1006
- Catalogue 36: Rare Books and Maps. 95p., 188 items, 48 illus., index.

¶ Charles Sessler, Inc. 1308 Walnut Street, Philadelphia, PA 19107
(215) 735-1086

Rare books and prints: 84 books, 12 prints.

¶ L. S. Straight. 101 Maple Street, Weehawken, N.J. 07087 (201) 863-9115

Catalogue No. 331: Maps and Prints. 16p., 113 items.
Catalogue No. 334: Africa. 18p., 149 items.
Catalogue No. 335: Americana. 10p., 75 items.

¶ R. M. Weatherford--Books. P.O. Box 3211, Columbus, OH 43210 (614) 262-5651

Catalog 27: 69p., 840 items.

New Arrivals:

¶ Richard Fitch, Old Maps and Prints, 2324 Calle Halcon, Santa Fe, New Mexico
87501 (505) 982-2939

Catalogue No. 34: Americana. 64p., 261 items. 70 illus.
("twice the size of any of our first 25 catalogues")

¶ The Print Loft/Whitlock Farm Booksellers. 20 Sperry Road, Bethany, Conn.
06525 (203) 393-1240 (Laura Szeligowski)

Map List # One: 12p., 137 items.

• Academic Press. London, New York, Toronto, Sydney, San Francisco.
111 Fifth Avenue, New York, NY 10003

Historical Geography, titles from Academic Press. (titles 1971-)

• Bartholomew (John) & Son, Ltd. Duncan St., Edinburgh, EH9 1TA, Scotland.

International Catalogue 1980. 48p., illus. Books and maps.

• Geographers' A-Z Map Company Ltd. Vestry Road, Sevenoaks, Kent TN14 5EP
Showrooms: 28 Gray's Inn Road, London WC1X 8HX

Catalogue: maps, atlases, guides of London and the British Isles.

• Map Studio. 202 Commissioner Street, Johannesburg 2001 / P.O. Box 11204,
Johannesburg 2000 (Buckley Map Productions (Pty) Ltd., E. G. Buckley,
Director) Map publishers and designers, cartography, town plans, map
directories, promotional, advertising, and educational publications.

MAP STUDIO: Kaarte = Maps 16p. (dealer for Government Printer maps)

ATLAS & BOOK REVIEWS

Review Editor:

Sandra Lamprecht
Map & Geography Librarian
The Library
California State University
Long Beach, California 90840

Bryan, M. Leonard. Remote Sensing of Earth Resources: A Guide to Information Sources. Detroit, Michigan: Gale Research Company, 1979. 188 p. (Geography and Travel Information Guide Series, v. 1) \$24.00
LC: 79-22792. ISBN: 0-8103-1413-4.

Remote sensing as a field may be defined broadly as a method of gathering data from a distance on the properties and surfaces of objects. The science of remote sensing was developed out of photographic techniques in the 1940's. It is growing at such a rate that source information lacks, as Dr. Bryan points out, "a commonality which we have come to expect in the more mature and somewhat more organized endeavors." Dr. Bryan made a brave attempt in his annotated bibliography to draw together general literature, proceedings of symposia and meetings, bibliographies, journals, remote sensing manuals, and catalogs that are available to the general public in order to give the student and information specialist in remote sensing research a useful guide to the literature. This work is not for the advanced remote sensing student or researcher; however, it would be useful to the undergraduate or to persons interested in pursuing this science on a more than casual basis.

Remote Sensing of Earth Resources is confined to research performed from aircraft and spacecraft platforms. The entries chosen cover almost all of the major sources in remote sensing and, thus, they act as an excellent starting point for the potentially serious user. Dr. Bryan has selected his references well because almost all of the ones cited are available through common acquisition sources. As in most printed bibliographies, part of the information is dated; however, this is understandable because of the rapid advancements in this field. The bulk of the entries in this 1979 publication are from the early 1960's to the mid 1970's.

The strongest aspect of the bibliography is the commentary on each of the selected references. These commentaries range from abstracts and summaries prepared by the respective authors to statements by Dr. Bryan prepared for this publication. Another nice feature, and one that is often neglected in other works, is a list of abbreviations and acronyms at the very beginning of the book; this list is not definitive but is very helpful. The two best chapters in the work are those on General Literature (Chapter 1) and Proceedings (Chapter 2). Although each chapter of the volume is preceded by the subject scope and a brief explanation of the intent, the sections on these two chapters are particularly accurate in their scope parameters. The one for Chapter 2 is very helpful in warning the reader of some of the pitfalls associated with symposia description and organization.

In regards to content, the two weakest chapters are 4 (catalogs) and 5 (maps). For example, in Chapter 4, Dr. Bryan neglects to include the MICRO-CATALOG and MICROIMAGE catalogs from EROS Data Center, APSRS from NCIC, and those produced by the Department of Agriculture for conventional aerial photography. The chapter on maps has only twelve entries, and two of those are atlases. His selections appear to be random with no clearly defined scope parameters. Some other curious features of the book are the listing of abstracts in the sections on bibliographies and journals and the citing of articles in the chapter on workshops and training courses. The only other objectionable aspect is the small type. It would seem that for a price of \$24.00 Gale Research Company could have used slightly larger type and extended the book's 188 pages rather than subject the readers to intensive eye strain.

Dr. Bryan's bibliography would serve as a quick reference tool and a useful work for the undergraduate library. I know of no other similar work that offers the breadth of subject citations in one volume. I feel that this bibliography is a step in the right direction; however, there is still a great need for a really comprehensive work on remote sensing sources.

Larry Carver
Map & Imagery Library
University of California
Santa Barbara, CA

Bush, George P. and Dreyfuss, Robert H. Technology and Copyright: Sources and Materials. Revised edition. Mt. Airy, Maryland: Lomond Books, 1979. 552 p. \$22.50 (clothbound). \$15.50 (microfiche). LC: 79-656-35. ISBN: 0-912338-17-2 (clothbound). ISBN: 0-912338-18-0 (microfiche).

The revised edition of George P. Bush's Technology and Copyright: Annotated Bibliography and Source Materials (Mt. Airy, Maryland: Lomond Books, 1972) accomplished by his protégé Robert H. Dreyfuss is a useful and timely compendium of information on copyright and technology and their reciprocal impacts. Dreyfuss has greatly modified the content of the original edition while continuing to develop Bush's subject matter and style. He has compiled an extensive bibliography and a representative sample of articles encompassing many and varied aspects of copyright, its relationship to technology, and vice versa.

Like its predecessor, the revised edition has two main sections: first, an annotated bibliography of the major sources on copyright and technology followed by reprints of selected articles representing the effects of the new copyright on a wide range of fields. The bibliography, updated and expanded to include 359 references, is grouped into 13 broad subjects which facilitates use of the work from a reference standpoint. The annotations vary in style from a few general lines to a detailed, insightful analysis of the source in question. The selected materials which follow are largely an interesting, varied, and representative group. The contributors are among the major influential and editorial voices in their respective fields.

The means used to accomplish the editors' goals have both positive and negative effects. While the compilation does contribute to the debate over the new copyright law and its repercussions, its eclectic nature tends to thin the treatment it lends to the many areas covered. This is a good source for a novice to the subject or for someone interested in future developments regarding copyright. However, the depth of investigation into any one of the myriad of possible effects of the new law is, of necessity, limited.

Potentially useful to librarians, attorneys, computer programmers, inventors and publishers, this work is intended to be an all-purpose source for answers to questions on copyright and technology. The publishers go so far as to maintain that it is a "one-stop encyclopedia". This diversity of selected materials is both an asset and a detriment. The subject index, vastly improved over the past attempt, does serve to ameliorate the situation to some degree. If the reader is looking for a general introduction to the subject, this source provides a valuable contribution to a narrow field.

The quality of selections incorporated is evidence of the long time commitment of the editors to their subject. Bush's first contribution to the field started with his analysis of a copyright symposium published in the Congressional Record in June, 1968. An update of his continued work is now appropriate in order to include materials relating to and springing from the Copyright Act which became effective January 1, 1978. Dreyfuss has done so in a manner worthy of his predecessor, George P. Bush.

Patricia E. Wright
Public Affairs Service
University of California
Los Angeles, CA

Atlas of Ireland. Prepared under the direction of the Irish National Committee for Geography. Dublin: Royal Irish Academy, 1979. 112 p. £50.
ISBN: 0-901714-13-5.

This very pleasing, simply designed atlas was compiled at Trinity College, University of Dublin, by a board of directors. Geographers from both political administrations of Ireland were represented and it must be stated that they have been very successful in creating a single geographical picture of Ireland. Within the atlas there are few indications, and those obscure, that two administrations are present in Ireland. (On several plates of cultural geography it is noted, however, that data for Northern Ireland were unavailable.)

As a reference work the atlas is attractively compiled and sound in physical body. The prevailing scale of 1:1,250,000 and the roughly oblong shape of the Island fit well on the page size selected, allowing space for simple legends, credits to cartographers and sources. All land measurements on its 250 maps are given in metric units. Its only textual material is the Foreword and it is lacking in transition pages between sections and other frills sometimes added by commercial atlas publishers.

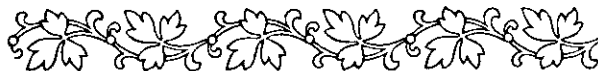
The physical environment of Ireland is adequately covered by plates on the first thirty-nine pages. This includes a pair of opposite pages, one giving place names in English and one in the Irish language. Hypsometric color on these maps as well as all colors employed on choropleth maps are distinct and clear. Colors are also more conservatively selected and used than they are in The National Atlas of the United States and in two recently published state atlases of two Pacific states.

There are several plates of maps within the cultural geography section which are noteworthy; these should attract the attention of many North American students. For example, six small scale maps at 1:4,000,000 scale show the percentage of Irish speakers at intervals after 1850. These are curious for the omission of data for Northern Ireland. Also, from rapid examination of these, it is very apparent that in the last 120 years the percentage of Irish language speakers has increased enormously across the counties of the Republic of Ireland. The increase has been especially marked since independence in 1926. Several other map series show prehistoric, early Christian and medieval sites throughout the Island. On these I was glad to find the ecclesiastical site of Kells within County Meath.

Among the maps showing the human endeavors of the Island are several which should help North American students define Ireland and the Irish culture. Very delightful to me is the series of maps indicating the composition of field boundaries, either hedge or wall, and their several species. A small scale map series placing the incidence of folk traditions also helps to depict the Irish scene. (e.g., house designs, marriage customs, methods of folk celebrations.) Does any North American atlas depict the incident of the shivaree, or of the potlatch? At the conclusion of the cultural geography section, before the final placename lists, is a misplaced series of twelve oblique aerial photographs of landforms. The areas of these are located by county, but there has been no attempt to correlate the landforms with the physical maps so pleasingly presented in the opening plates of the atlas.

This is a very sound geographer's treatment of Ireland, one which will surely be welcomed throughout the English Commonwealth. It is herewith recommended as a costly, but necessary acquisition to the academic-research library within the English-reading world.

Edward P. Thatcher
Map Librarian
University of Oregon
Eugene, OR



Countries of the World and Their Leaders. Fifth edition. Detroit, Michigan: Gale Research Company, 1979. 1180 p. \$32.00. LC: 79-11234. ISBN: 0-8103-1040-6.

Countries of the World and Their Leaders is a useful source when preliminary information on a country, its people, history, geography, government, economy or foreign relations is desired. The 168 country reports, which comprise the bulk of this tome, are taken from the U.S. Department of State Background Notes on Countries of the World with the date of last revision appearing after each title. For the fifth edition, dates range from August 1973 to December 1978 with the majority revised during the 1977-78 time span. In addition to paragraphs on the above topics, travel notes (such as transportation, clothing, customs, and health), a short reading list and a map are also provided for each country. Many of the reproduced maps are not of good quality--either the print is too small, the rivers and other features are faint, or the surrounding countries are very black. Two added features that would also be handy in this section are a picture of the national flag and the official name of each country in its own language (e.g., Shqiperia for Albania).

The remainder of the volume contains a listing of chiefs of state and cabinet members of foreign governments as of November 1978, a status report of the world's nations, and brief essays on the functions of various treaty organizations such as CENTO, NATO, OECD and the United Nations.

A comparison of this publication with the well-known Statesman's Year-Book (New York: St. Martin's Press, 1978) reveals that Countries of the World has more maps (Statesman's Year-Book has only three); however, Statesman's Year-Book also includes coverage on each of the fifty states and provides more world and country economic statistics. Additional topics such as defense, energy and natural resources, industry and trade, communications, justice and welfare are regularly presented as well.

Countries of the World is recommended for purchase by libraries in that it does gather useful country information into one volume and places it at the reference librarian's fingertips. However, in this era of limited funds, librarians in charge of acquisitions should assess whether their patrons will require a new edition every year. Perhaps every three years will suffice if Statesman's Year-Book is already being received. The accessibility of the Department of State's Background Notes is also an important consideration: all government document depository libraries should receive the notes on a regular basis. Whether they are easily retrievable by the the general reference or map and geography librarian can be another issue and does vary from library to library.

Sandra J. Lamprecht
Geography and Map Librarian
California State University
Long Beach, CA

National Planning Association. Center for Economic Projections.
Basic Maps of the U. S. Economy, 1967 to 1990. Washington, D. C.: 1979.
 292 p. \$25.00. LC: 79-91883. ISBN: 0-89068-050-7.

The National Planning Association is one of a growing number of firms producing economic and demographic projections. Founded in the 1930's, it is a private, nonprofit organization that has become an important source of data for both government and private users. Its demographic projections are made in greater geographic detail than those of competitors, a feature of increasing importance to data users. Data and maps in this atlas are likely to be useful for various public and corporate decision-makers, educators, and planners.

The atlas is divided into two parts, each with sixty-seven maps. Part I maps are for the state level, whereas maps in Part II provide data for 183 economic areas, as defined by the Bureau of Economic Analysis. Actual historical data are used for 1967, whereas the 1979 data are National Planning Association estimates, based on long-term growth paths of variables under consideration, and the 1990 projections are those of the National Planning Association.

In both Parts I and II the same series of maps is presented; only the geographic units are different. All maps are computer drawn, lack state and economic area boundaries, and can best be interpreted with the use of the two plastic overlays that accompany the atlas. Both parts contain maps for variables in each of the following broad subject areas: (1) growth summaries, (2) population characteristics, (3) employment composition, and (4) income by source. Opposite each map are the data used, presented in tabular form.

How useful the maps in this volume are to users will ultimately depend on how users perceive the assumptions underlying the various projections. Each assumption deserves some attention, especially in light of social and economic events that have occurred in the opening months of the 1980's, a decade that promises nothing beyond uncertainty.

First, a rate of growth in real GNP of 3.7 percent annually is assumed. Given an inflation rate that is now running near 18 percent, based on data for early 1980, and the promise of a recession beginning in the second quarter of 1980, a real annual growth rate of 3.7 percent annually during the 1980's is going to appear rather optimistic to many potential users.

Second, it is assumed that a relative shift of resources from the government sector to the private sector will occur during the 1980's. Certainly lower rates of growth in government employment, especially at the local and state levels, appear likely. Furthermore, the public mood favoring lower taxes, as evidenced by the passing of California's infamous Proposition 13, is likely to continue.

Third, a 2.1 percent annual growth in hours worked in the private sector is assumed. Certainly this seems likely at this point in time.

Fourth, a 4.5 percent annual rate of growth in real net capital stock is assumed. Whether this turns out to be close or not is going to be debatable, especially given the events so far in 1980.

Finally, the National Planning Association assumes a 2.0 percent annual rate of productivity growth. In light of a decline in productivity growth in 1979, following a year in which the growth in capital stock lagged behind increases in labor inputs, this assumption also seems rather optimistic.

In summary, this atlas is going to appeal to a broad range of users. However, planners and decision-makers are going to have to evaluate projected trends with care, especially considering their own interpretations of the underlying assumptions. As the decade unfolds, likely trends will hopefully become clearer. They can then be helpful in evaluating the likelihood of achieving projected economic and demographic outcomes in 1990.

Gary L. Peters
 Department of Geography
 California State University
 Long Beach, CA

..... ©

JOB OPEN!

Librarian, Map Reference. University of Arizona. Duties include reference assistance, instruction in map use, class lectures, preparation of cartobibliographies, drafting maps for Map Collection use, and assisting Library users with map-making problems. Reports to Head of Map Collection. Qualifications: ALA-accredited library school degree and undergraduate degree in geography or geology with relevant courses in cartography required; academic library experience, and training and experience in drafting maps preferred; ability to speak Spanish helpful. Salary dependent upon qualifications and experience; minimum \$12,500. Faculty status, 12-month appointment, 22 days annual vacation, fringe benefits. Send resumé and a list of three references by July 15, 1980, to: W. David Laird, University Librarian, Main Library, University of Arizona, Tucson, Arizona 85721.

An Equal Opportunity/Affirmative Action Title 1X/Section 504 Employer.

NEW MAPPING OF WESTERN NORTH AMERICA

Contributions by:

- LA = Lewis A. Armstrong, University of Kansas, Lawrence
 MB = Mary Blakeley, University of Arizona, Tucson
 DC = David A. Cobb, University of Illinois, Urbana
 JC = Jim Coombs, University of Illinois, Urbana
 BC = Barbara Cox, University of Utah, Salt Lake City
 LC = Larry Cruse, University of California, San Diego
 ML = Mary Larsgaard, Colorado School of Mines, Golden
 RM = Riley Moffat, Brigham Young University, Provo, Utah
 LP = Leslie Pass, Boise State University, Boise, Idaho
 PS = Peter Stark, Central Washington State University, Ellensburg
 EP = The Editor, from Publisher's blurbs & items in hand

THE WEST

- ¶ Petroleum Information Corporation.
 Map of the Rocky Mountain Region / c Petroleum Information Corporation, a subsidiary of A. C. Nielsen Company.
 ML Fields rev. to May 1979. Denver, The Corporation, c1979.
 1 map : col. ; 107 x 75 cm. Scale ca. 1:275,000.
 Oil Fields - Rocky Mountain Region. Gas, Natural - Rocky Mountain Region - Pipe Lines.
 OCLC # 6004607
- ¶ Petroleum Information Corporation.
 1979 Oil and Gas Discoveries : map of the Rocky Mountain Region /
 ML c Petroleum Information Corporation, a subsidiary of A. C. Nielsen Company.
 Fields rev. to May 1979. Denver, The Corporation, c1979.
 1 map : col. ; 107 x 75 cm. Scale ca. 1:275,000.
 Oil Fields - Rocky Mountain Region.
 OCLC # 6004562
- ¶ Petromotion.
 ML Denver, Laramie, Hanna Basins, Colorado-Wyoming. Denver, c1971.
 col. map on sheet 28 x 22 cm. Scale not given. Relief shown by contours. Includes index map.
 Oil Fields - Colorado ; Wyoming. Gas, Natural - Colorado ; Wyoming. Denver Basin, Colo. and Wyo. Hanna Basin, Wyo. Laramie Basin, Wyo.
 OCLC # 6004465

¶ Petromotion.

ML Greater Green River Basin, Wyoming--Colorado. Denver, c1971.
col. map 42 x 48 cm. Scale ca. 1:380,000. Basin structure shown
by form lines. Includes location map.
Green River Basin, Wyo. Oil Fields - Wyoming - Green River Basin.
Gas, Natural - Wyoming - Green River Basin. Petroleum - Wyoming -
Green River Basin - Pipe Lines.
OCLC #5569843

¶ Petromotion.

ML Powder River Basin, Montana & Wyoming. Denver, c1974.
col. map 69 x 44 cm. Scale ca. 1:720,000. Relief shown by form-
line structure contours.
Oil Fields - Powder River Basin, Wyo. and Mont. Gas, Natural.
OCLC # 6004520

¶ U. S. Bureau of the Census.

LC ("Additional 1980 GBF/DIME File tapes and CUE maps have been released
by the Census Bureau. For areas on the following list, each GBF/
DIME File may be obtained on one reel of tape (\$80). *The number of
map sheets (priced at \$2.60 per sheet for a paper copy) is given in
parenthesis. (See 1979 issues of Data User News for previously re-
leased files, and for more detailed information.)

Copies of the GBF/DIME File tapes and CUE maps can be obtained from
the Customer Services Branch. Prepayment is required, and orders
should be made payable to "Commerce-Census". Future issues of Data
User News will announce additional files and maps as they are released.
Further information can be obtained from Deloris Fentress of the
Customer Services Branch, telephone 301/763-2400."

This information is from the January 1980 (Vol. 15, No. 1) of the
Data Users News. (The following list includes only those cities in
The West.)

Billings, Mont. (4)* Pueblo, Colo. (12)* Reno, Nev. (22)*
Vallejo-Fairfield-Napa, Calif. (56)* Yakima, Wash. (11)*

¶ U. S. Forest Service. Intermountain Forest and Range Experiment Station.

BC Revegetation potential of surface mineable coal lands in the
interior west. Ogden, Utah?, 1979. Govt. Print. Off.
2 map sheets, 100 x 90 cm. Scale 1:1,000,000.

¶ Western Economic Research Co. (13437 Ventura Blvd., Sherman Oaks, CA 91423)
Zip Code Maps, with Mylar overlays; Major Streets & Highway Base Maps.

EP (see separate pages that describe coverage and cost)

ALASKA

¶ Alaska Geographic Society

LA Alaska's Great Interior. Cartographics by Jon. Hersh. Anchorage,
1980.
map 20 x 16 cm. Scale ca. 1:2,000,000. Accompanies Alaska Geographic,
Vol. 7, No. 1. (Box 4-EEE, Anchorage, Alaska 99509)

NOW COVER THESE AREAS IN THE WEST

(Western Econ. Res. Co.)

SEATTLE-PUGET SOUND REGION
Covered by One Map
Including 6 Counties and such cities as Bellevue, Bremerton, Everett, Olympia, Seattle, Tacoma, etc. Size 29" x 42"

PORTLAND-SALEM REGION
Covered by One Map
Including 10 Counties and such cities as Corvallis, Eugene, Portland, Salem, as well as Vancouver in Washington State. Size 30" x 42"
NOTE: The Eastern portion of Oregon and Washington have not yet been covered by our Zip Maps.

NEVADA-UTAH STATES
Covered by One Map
Includes all the states of Nevada and Utah - 46 Counties and 62 Cities. Areas shown at large scale include Las Vegas, Reno, Ogden and the Salt Lake Region. Rest of states at small scale but all zips shown. Size 30" x 42".

COLORADO STATE
Covered by One Map
Includes all the State of Colorado - 63 Counties and 62 Cities. Areas shown at large scale include Boulder, Colorado Springs, Denver, Fort Collins, and Grand Junction. Rest of state at small scale but all zips shown. Size 30" x 42".

ARIZONA STATE
Covered by One Map
Includes all the State of Arizona - 14 Counties and 48 Cities. The Phoenix and Tucson regions are in large scale, with rest of state at small scale but with zips included. Size 30" x 37".

CALIFORNIA STATE See Map at Left
Covered by Six Maps

NORTHERN CALIFORNIA
Includes 24 Counties, 54 Cities and 340 Zip Codes in Northern California. Size 30" x 42"

THE BAY AREA
Includes 13 Counties, 211 Cities and 370 Zip Codes in the San Francisco Bay Region. Includes Sacramento, Stockton --- Size 30" x 42"

CENTRAL CALIFORNIA
Includes 11 Counties, 62 Cities and 201 Zip Codes in Central California. Size 30" x 42"

LOS ANGELES 5-COUNTY AREA
Includes 5 Counties, 147 Cities and 469 Zip Codes in the LA 5-Co. Area. Size 30" x 42"

REST OF SOUTHERN CALIFORNIA
Includes 4 Counties, 29 Cities and 102 Zip Codes in all of Southern California except the LA 5-Co. Area and San Diego. Size 30" x 42"

SAN DIEGO COUNTY
Includes 1 County, 13 Cities, and 84 Zip Codes in San Diego County. Size 26" x 34"



MAPS AND OVERLAYS AVAILABLE FOR THESE WESTERN AREAS

5 DIGIT ZIP CODE MAPS & OVERLAYS

For all areas described on the previous page we have available for immediate delivery 5 Digit Zip Code Outline Maps. Each Map shows the 5-Digit Zip Code number and boundaries in effect as reported by each Postmaster. The boundary streets are clearly shown and identified, but no street patterns are shown within Zips. This makes it easier to use as a working map for most purposes. If streets are needed, we have available base maps showing Major Streets & Highways at the same scale described below.

All the 5 Digit Zip Maps are available in two forms: as a paper print and as Mylar Overlays. The Overlays are identical to the paper maps, and are printed on the reverse side so that they can be written on the front size with colored pencils and erased without disturbing the printed boundary and Zip numbers.

COST: All Paper Maps are \$10 each
All Overlays are \$20 each

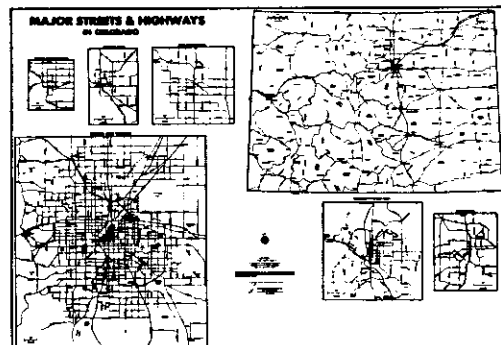
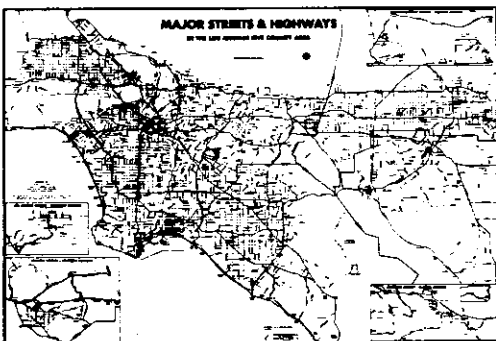
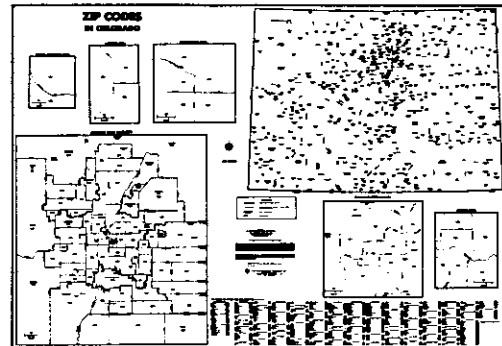
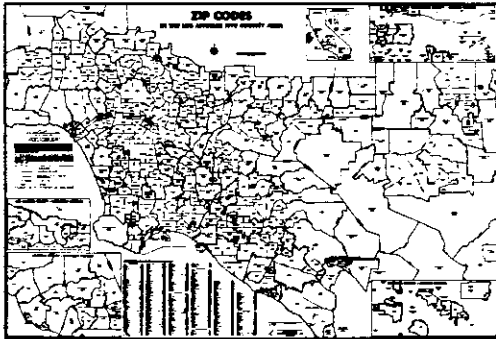
MAJOR STREETS & HIGHWAY BASE MAPS & OVERLAYS

For most of the areas described on the previous page we have available for immediately delivery Base Maps & Overlays of Major Streets & Highways covering the exact same areas as the 5 Digit Zip Maps and at the identical scales. These Maps and Overlays show the key major streets and highways, including Freeways, community city names and other landmarks. These have been specifically designed for use with the 5 Digit Zip Map, and are also useful for orientation, and as a working map to spot location, highlight properties, etc. These are also available in two forms: as a paper print and as Mylar Overlays. The Overlays are identical to the paper maps, and are also printed on the reverse side like the Zip Overlays.

COST: All Paper Maps are \$10 each
All Overlays are \$20 each

NOTE: For three Areas – Northern California, Central California and the Rest of Southern California, we do not yet have available Major Streets & Highway Base maps. We do have photo copies of the USGS maps fitted and scaled to fit the Zip Code Overlays. These are available as paper prints only. COST is \$10 each.

– A Few Examples of What They Look Like –



ARIZONA

- ¶ Arizona. Dept. of Transportation.
Arizona 1980 road map. Phoenix, 1980.
MB 90 x 60 cm. Scale 1:1,000,000.
Available free from Arizona Office of Tourism, 1700 West Washington,
Phoenix, Arizona 85007.
- ¶ Hammons, Lee
Arizona gold map: known occurrences of gold lode and placer deposits.
MB Sedona, Arizona, Arizona Maps & Books, c1980.
90 x 78 cm. Scale 1:750,000.
Available @ \$2.95 from Arizona Maps and Books, P.O. Box 1133, Sedona,
Arizona 86336.
- ¶ Maricopa County, Arizona. Planning Department.
Soil associations, Maricopa County, Arizona. Phoenix, Maricopa
MB County Planning Dept., 1977.
76 x 102 cm. Scale 1:250,000.
Available @ \$4.00 from Maricopa County Planning Department, 300 Coun-
ty Administration Building, Phoenix, AZ 85003.

CALIFORNIA

- ¶ Davis, Gregory A. [et al.]
Cross section of the central Klamath Mountains, California.
JC Boulder, Colorado, Geological Society of America, 1979.
75 x 124 cm. Scale 1:250,000.
Includes map, magnetic profile, Bouguer gravity profile, cross
section, legend, references, and text.
G.S.A. Map and Chart Series MC-28I.
(not free) Geological Society of America, Inc., 3300 Penrose Place,
Boulder, CO 80301.
- ¶ Kennedy, Michael P. and E. E. Welday
Recency and character of faulting offshore Metropolitan San Diego,
EP California. (Area 1 and 3, San Diego Bay and immediate offshore
shelf). Sacramento, California Division of Mines and Geology, 1980.
col. map 50 x 40 cm. on sheet 76 x 102 cm. folded to 25 x 21 cm. in
envelope. Location map on envelope, with index to adjoining Map
Sheets. Location maps, text, references, and bottom profiles includ-
ed on sheet.
California Division of Mines and Geology, Map Sheet 40. (no price)
- (two previous reports on this subject have been issued by U.S.G.S.:)
Recency and character of faulting offshore from metropolitan San
Diego, California : final technical report, fiscal year 1977-1978.
.... and another under same title fiscal year 1978-1979 ...
by M. P. Kennedy ... [et al.] ... Sponsored by U.S. Geological Sur-
vey contract no. 14-08-0001-16728 ... 14-08-0001-17699.
OCLC # 5524721 (77/78) & OCLC # 5976761 (78/79).

- ¶ Page, Benjamin Markham, 1911-
 JC Geologic cross section of the continental margin off San Luis Obispo,
 & the southern Coast Ranges, and the San Joaquin Valley, California /
 by B. M. Page [et al.] Boulder, Colo. : Geological Society of America,
 c1979.
 ML 1 map : col. ; on sheet 106 x 143 cm. fold. in envelope 31 x 23 cm.
 Map and Chart Series - Geological Society of America ; MC-28G
 Scale 1:250,000. Includes cross sections, "References Cited",
 location diagram and map: Location of section and strip map and their
 relationship to physiographic features. Accompanied by text. 12 p.
 Bibliography in accompanying text. "Contribution from Plate Margins
 Working Group, U.S. Geodynamics Committee."
 OCLC # 6178644
 (not free) Geological Society of America, Inc., 3300 Penrose Place,
 Boulder, CO 80301
- ¶ Ross, Donald C. and David S. McCulloch
 JC Cross section of the southern Coast Ranges and San Joaquin Valley
 from offshore of Point Sur to Madera, California. Boulder, CO.,
 Geological Society of America, 1979.
 103 x 125 cm. Scale 1:250,000. Map and Chart Series MC-28H
 Includes map, cross section, gravity profile, aeromagnetic profile,
 seismic profile, legend, and text.
 (not free) Geological Society of America, Inc., 3300 Penrose Place,
 Boulder, CO 80301.
- ¶ Western Economic Research Company
 EP New high rise office buildings in the Los Angeles-Orange County region.
 Includes structures 8 floors and over build since World War II; includes
 those under construction through 1979. Sherman Oaks, 1980.
 col. map 76 x 107 cm.
 \$15. Western Economic Research Co., 13437 Ventura Blvd., Sherman Oaks,
 CA 91423.
 Also available for \$30. is a Report (same title) which includes a
 listing of all 315 buildings with name of the building, major use,
 market area, complete address, year construction started, year opened,
 number of floors above ground, gross square footage, permit valuation.
 Report includes a one-color, small size version, of the map above.

COLORADO

- ¶ Morse, Russell A
 ML Gold regions & mining districts of Colorado / from CMDRS-Rusty's Maps.
 Arvada, Colo. : Rusty's Maps, Division of the Colorado Mining
 District Research Study, c1980.
 1 map : col. ; 42 x 57 cm. GM-2
 Scale ca 1:1,000,000.
 "Gold map is revision of 'Colorado's Gold Regions & Mining Districts,'
 Copyright 1974..." "This is an original interpretation in hatched
 (sic) relief from U.S.G.S. contour maps."
 OCLC # 6131561

HAWAII

- ¶ Porter, Stephen C
 Geologic map of the Mauna Kea Volcano, Hawaii. Boulder, Colo. :
 Geological Society of America, c1979.
 JC
 ML 1 map : col. : 77 x 52 cm. fold. in envelope 31 x 23 cm.
 RM Map and Chart series - Geological Society of America ; MC-30
 Scale 1:50,000 Relief shown by contours. "Field work, age dating,
 and publication in color have been supported by National Science
 Foundation Grants GA20320, DES 74-16379, and EAR 7822761. Accompanied
 by text. 4 p. Bibliography in accompanying text.
 (not free) Geological Society of America, 3300 Penrose Place, Boulder,
 CO. 80301.

- ¶ United States. Geological Survey.
 [Orthophoto quads of the principal islands of the State of Hawaii]
 DC
 "New black-and-white photoimage maps covering the eight principal
 islands of the state of Hawaii have been released by the U.S. Geo-
 logical Survey, Department of the Interior. The three-year mapping
 project was undertaken by the USGS in cooperation with the Hawaii
 State Mapping Advisory Committee to provide up-to-date maps of chang-
 ing land use and growing urban areas. The 133 new photoimage maps
 will aid state and regional planners in providing a faster and more
 current appraisal of changes in land use and surface features than
 is available by traditional mapping techniques. Photoimage maps
 (orthophotoquads) are one of the newer map products prepared by the
 USGS, the nation's principal civilian mapping agency, as part of the
 National Mapping Program. Published at a scale of 1:24,000 (1 inch
 to 2,000 feet, or 4 centimeters to about 1 kilometer), each photo-
 image map covers an area of 7.5-minutes of latitude and longitude or
 about 63 square miles (163 square kilometers). Hawaiian photoimage
 maps may be purchased from the Western Mapping Center, USGS, 345
 Middlefield Rd., Menlo Park, California, 94025. Prices are \$1.25
 for each paper diazo copy and \$12.00 for each copy on stable base
 film.
 (Source: Dept. of the Interior release, December 13, 1979;
 via biblio, University of Illinois, Map and Geography Library,
 Number 6, 1979, edited by David A. Cobb, Map Librarian.)

IDAHO

- ¶ Hunt Enterprises and Maps.
 Street map of Emmett, Idaho. Boise, Idaho, Hunt Enterprises and
 LP Maps, 1980. Michael McCoy, cartographer.
 map 48 x 63 cm.
 95¢ Emmett/Gem County Chamber of Commerce, Emmett, ID 83617
- ¶ Idaho Office of Energy.
 Geothermal Energy Development in Idaho (current and potential).
 LP Boise, Idaho, Idaho Office of Energy, 1979.
 map 89 x 61 cm. 1:1,000,000. Free. Idaho Office of Energy,
 Statehouse, Boise, ID 83720 (208) 334-3800.

NEVADA

- ¶ Kane, M. F. [et al.]
 Bouguer gravity map of Nevada : Las Vegas sheet. Reno, NV., Nevada
 Bureau of Mines and Geology, 1979.
 JC map 47 x 74 cm. 1:250,000 Includes generalized geology. (Nevada
 Bureau of Mines and Geology. Map 61)
 \$3.50 Nevada Bureau of Mines and Geology, University of Nevada, Reno,
 NV 89557.

NEW MEXICO

- ¶ Aiken, Carlos L. V., A. William Laughlin, and Francis G. West.
 Residual Bouguer gravity anomaly map of New Mexico. Los Alamos;
 JC New Mexico, University of California Los Alamos Scientific Laboratory,
 1978.
 map 158 x 118 cm. 1:500,000.
 (not free) University of California Los Alamos Scientific Laboratory,
 P.O. Box 1663, Los Alamos, NM 87545

UTAH

- ¶ Barnes, F. A.
 Canyon country off-road vehicle trail map, Arches & La Sals areas.
 BC Salt Lake City, Wasatch Publ., 1978.
 map 60 x 94 cm. 1:100,000. \$2.00
 Shows area between Thompson, Utah and Paradox, Colo.

Canyon country off-road vehicle trail map, Canyon Rims and Needles
 area. Salt Lake City, Wasatch Publ., 1978.
 map 93 x 60 cm. 1:100,000. \$2.00
 Shows area east of Colorado R., Moab to Monticello.

Canyon country off-road vehicle trail map, Island area.
 Salt Lake City, Wasatch Publ., 1978.
 map 92 x 60 cm. 1:100,000. \$2.00
 Shows area between Green and Colorado Rivers, west of Moab.

Wasatch Publishers Inc., 4647 Idlewild Road, Salt Lake City, UT 84117

- ¶ Ritzma, Howard Russell
 Oil-impregnated rock deposits of Utah / compiled by Howard R. Ritzma.
 ML Utah Geological and Mineral Survey, c1979.
 1 map ; 58 x 47 cm. on sheet 61 x 88 cm. plus legend on sheet 84 x 54cm.
 Maps - Utah Geological and Mineral Survey ; 47. Scale 1:1,000,000.
 Supersedes map 25 (1968) and map 33 ... (April 1973). Includes bib-
 liographical references. \$2.50

WASHINGTON

- ¶ Rau, Weldon W.
 PS Geologic map in the vicinity of the Lower Bogachiel and Hoh River
 Valleys, and the Washington Coast. Olympia, Washington, Department
 of Natural Resources, Division of Geology and Earth Resources,
 1979.
 map 38 x 49 on sheet 120 x 75 cm. 1:62,500
 Series: Washington (State). Division of Geology and Earth Resources.
 Geologic Map ; GM - 24.
 \$4.50 Division of Geology and Earth Resources, Olympia, WA 98504
 Special aspects of map:
 "Description of the map units"; "Structural (Tectonic) interpretations";
 "Tertiary geologic history"; "References cited"; "Petroleum test wells";
 "Checklist of foraminifera"; and two cross sections.

PUBLICATIONS OF RELEVANCE

- Contributors: *MB = Mary Blakeley, University of Arizona, Tucson*
 JC = Jim Coombs, University of Illinois, Urbana
 LC = Larry Cruse, University of California, San Diego
 PI = Peter Ives, University of New Mexico, Albuquerque
 ML = Mary Larsgaard, Colorado School of Mines, Golden
 RM = Riley Moffat, Brigham Young University, Provo
 JP = Jeremiah Post, Free Library of Philadelphia, PA
 EP = The Editor, from Publisher's blurbs, etc.

- Arizona. University. College of Business and Public Administration.
 Division of Business and Economic Research.
 Arizona Statistical Abstract. 1979 edition. Flagstaff, AZ., 1979.
 MB 640 p. There are 520 tables and several maps, the book is divided
 into 24 sections. They include welfare, public lands, travel, re-
 creation, tribal data, elections, communications, labor force, crime,
 finance, housing, mining, health, and others.

Nat de Gennaro, assistant director of the Division, and editor of
 the book, indicates that "the volume is a comprehensive set of
 economic and socio-economic statistics designed to aid businessmen,
 researchers, librarians, journalists and others in measuring ...
 the state

\$9.95 + \$.00 postage: Northland Press, P.O. Box N, Flagstaff, AZ 86002.

- Brown, Lloyd A.
JP The story of maps. Unabridged Dover edition 1979, republication of the work first published in 1949 by Little, Brown and Company, Boston.
 464 p. 23 x 17 cm. ISBN 23873-3 Paperbound \$6.00 in U.S.A.
- Canada. Department of Energy, Mines and Resources.
EP Maps and Wilderness Canoeing.
 This free brochure is designed to help canoeists plan a trip and how to make use of maps in general.
 Canada Map Office, 615 Booth St., Ottawa, Ont. K1A 0E9.
- Clark, Donald T.
EP Some Santa Cruz County Place Names; an index to topographic sheets covering Santa Cruz County, California 1902-1973. Compiled by Donald T. Clark, University Librarian Emeritus, University of California, Santa Cruz. Santa Cruz, The University Library, University of California, Santa Cruz, 1980. 26p. 23 x 17 cm.
 free from The Map Collection, University Library, University of California, Santa Cruz, CA 95064. Please send mailing label with your return address.
 From the Foreword by Stanley D. Stevens: "The compiler of the present work, Donald T. Clark, has been a volunteer in the Map Room during the past year. As a charter member of the American Name Society, his interest has been known to us - for the past 15 years he has been compiling a "dictionary of Santa Cruz County place names." He has been generous to share his manuscript files with staff and students. The dictionary not only identifies the site of the name and keys it to a specific map, but provides the *derivation* and use of the place name.
 The present work, on the other hand, is not intended to provide the derivations. The ... Index to Topographic Sheets ... was created to accomplish two functions: (1) provide an efficient finding device, keyed to a standard set of official topographic maps; and (2) establish a standard style of presenting the name in written form;"
- DeWitt Graphics.
ML 1976 Gulf Coast Industrial Map. Houston, Tex., c1976.
 col. map 87 x 149 cm. Scale 1:500,000.
 Shows industrial plants between Corpus Christi and New Orleans. Includes indexes to plants, 8 urban insets, and inset of "Houston area industrial complex."
 OCLC # 5486814 LC 76-696419
- DeWitt, R. R., and James L. Ellison.
LC Remote sensing data handbook. [s.l. : s.n.]1979? This work was done by R. R. DeWitt and James L. Ellison of New Technology, Inc., for Marshall Space Flight Center. Further information may be found in NASA CR-150837 (N79-14499/NSP), "Remote Sensing Data Handbook", @ \$14.50, prepayment required, National Technical Information Service, Springfield, VA 22151.

- PhotographiConservation. Rochester, New York, Rochester Institute of Technology, 1979?
LC

In a recent issue of the GARC Newsletter, published by the Graphic Arts Research Center, Rochester Institute of Technology, a new periodical was described. PhotographiConservation is devoted to news about preserving and restoring old photographic images.

For information or subscription information write: PhotographiConser-
 vation, Graphic Arts Research Center, Rochester Institute of Tech-
 nology, One Lomb Memorial Drive, Rochester, NY 14623.

(from Kodak Tch Bits 79-4)
- European Communities-Commission.
LC

Geonomenclature 1979. Luxembourg, Office des publications officiel-
 les des Communautés europeennes, 1979.

168 p. 21 x 30 cm. Series: External trade statistics (red series).
 Languages: DA/DE/EN/FR/IT/NL ISBN 92-825-1127-8 Cat. # CA-28-
 79-334-6A-C US\$ 17.80 UK£8.40 DM 31.70 FF 73

An annotated edition of the country nomenclature for the external
 trade statistics of the Community and statistics of trade between
 the Member States and a publication containing maps and tables with
 indexes.

pp. 7-13 Continental maps showing national divisions. Below each
 are two lists, one with the country name in English and a second
 in the native spelling. Lists are numerically keyed to maps.

pp. 45-52 Subsequent tables list countries by continent with notes
 for subunits (i.e. "United Kingdom" equals Great Britain, Northern
 Ireland, etc.), and a separate column of "Observations," regarding
 associated land areas such as former colonies, protectorates, etc.

pp. 101-140 Another table lists all countries, inclusive states
 (i.e. Italy is composed of Italy and San Marino, then are listed all
 organizations of a political/economic nature to which that country
 belongs.

pp. 143-154 Finally, there is an English language index of all men-
 tioned islands, countries and places, the national entity to which
 they belong, and their EEC numeric (geographic) code.
 Some sections are in all six official EEC languages, others in En-
 glish and French only.
- Gulf Publishing Company.
ML

The Middle East and Eastern Mediterranean / by Gulf Publishing Com-
 pany ; W. A. Logan, cartographer. Houston, Texas : The Company,
 1978.

1 map : col. ; 58 x 94 cm. Scale ca. 1:3,400,000. "All data as of
 1-1-78" Issued with the periodicals World Oil, Ocean Industry, and
 Pipe Line Industry.
 OCLC # 4341127
- Harvard University. Laboratory for Computer Graphics, 48 Quincy St.,
EP

Cambridge, Mass. 02138
The Harvard Library of Computer Graphics Mapping Collection.
 (send for the 16-page blurb that describes in detail this 11-volume
 work.)

- Mapco Diversified, Inc.
Oil and gas development maps of Colorado. Denver : Mapco, 1979.
ML I, II p., 56 : illus., maps ; 43 x 28 cm.
- Map Librarian in the Modern World. Essays in honour of Walter W. Ristow.
Edited by Helen Wallis. Presented by the IFLA Section Geography and
EP Map Libraries. K. G. Saur Publishing, 1979.
\$26.00 list (\$22.62 from some approval programs) ISBN 3-7940-7077-1
- NALCO Environmental Sciences for U.S. Biological Services Program, Fish
and Wildlife Service.
LC Atlas of western surface-mined lands: coal, uranium, and phosphate.
Springfield, VA, National Technical Information Service, 1978.
28 x 22 cm. GPO depository item / SuDocs I49.2:Su7 NTIS PB-287 846

In spite of the term "atlas" in the title, this is much more a gazetteer to such mines, and an exemplary gazetteer at that. All listings are by region, then state. Geographic location is provided by state, county, latitude/longitude (in degrees), township and range, and USGS quadrangle. Also for each mine, there is a description of areal surface conditions, both before mining and current, acreage involved, owners name, and contacts for further information. A series of seven key maps are in an appendix.

Not every map collection will want a copy, but, for surface mines information, it is well worth referring to. Since it was sent to all depository libraries, there is probably a copy in most western libraries.
- New Mexico in Maps / edited by Jerry L. Williams and Paul E. McAllister.
Albuquerque, N. M. : Technology Application Center, 1979.
PI 177 p. : ill. ; 29 cm.
RM "Selected references": p. 169-174.
EP \$9.50 Technology Application Center, University of New Mexico,
Albuquerque, NM
OCLC # 6306956
- Nickle Map Service Ltd.
Petroleum & Natural Gas Map of Canada / compliments of the Oil and
ML Gas Dept. of Toronto Dominion. 1979 ed. Calgary : The Service,
1979.
col. map 68 x 105 cm. Scale ca. 1:2,500,000. Includes list of "Oil and Gas areas in Western Canada" and insets of "Southwestern Ontario" and "Production, consumption and distribution of Canadian oil and gas."
OCLC # 6020127
- Oklahoma Oil Maps, Oklahoma City. [County lease and ownership maps]
Oklahoma City : Oklahoma Oil Maps, c1977.
ML maps ; on sheets 212 x 155 cm. or smaller. Scale ca. 1:50,000.
Photocopy; blue line print. Relief shown by hachures. Cadastral map showing oil and gas wells.
- Oregon. State University, Corvallis.
Atlas of the Pacific Northwest. Edited by Richard M. Highsmith.
EP 6th ed. Corvallis, 1979.
ISBN 0-87071-409-0 \$20.00 list; \$17.40 from some dealers.

- Powell, Lawrence Clark
 MB Where water flows: the rivers of Arizona. Photographs by Michael Collier, with a Foreword by Bruce Babbitt. Flagstaff, AZ., Northland Press, May 1980.
 25 x 20 cm. 120 p. 25 color plates LC 79-57396 ISBN 0-87358-222-5
 \$25.00 Northland Press, P.O. Box N, Flagstaff, AZ 86002

Along with photographer Michael Collier and pilot Christopher Condit, Powell made aerial surveys in a Cessna 170 to gain a better perspective of the contours of Arizona's river valleys. The twenty-five color photographs provide an unusual map-like overview of dams, canyons, reservoirs, and the rivers themselves. As Powell says, "From the air, history looks far different that from the library."

Powell is the University Librarian Emeritus of UCLA.

- Saskatchewan. Dept. of Mineral Resources.
 ML Mineral development map of Southern Saskatchewan : showing designated oil and gas pools, well spacing areas, commercial potash areas, oil and gas pipe lines, refineries, potash mines, sodium sulphate plants and deposits, and salt plants / prepared by Department of Mineral Resources, Province of Saskatchewan. Rev. to Dec. 31, 1978. Saskatoon? : The Department, 1979.
 1 map : col. ; 94 x 66 cm. Scale 1:1,000,000.

_____ . (another edition) (same data as above except:)
 1 map : col : 37 x 26 cm. Scale 1:2,600,000.

- Serial Publications in Geography. Number 5. 1979. John D. Stephens, Ed.
 EP An annual publication of the Department of Geography of Virginia Polytechnic Institute and State University. It is a bibliographic guide to the geography serials collection of the Carol M. Newman Library. Issues also contain bibliographic information for new acquisitions and reviews of selected geographical serials.
 Copies of this publication are available from: Department of Geography, 243 Henderson Hall, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061. US ISSN 0163-7711

- Simpson, Lewis, Wendy [et al.]
 RM Canada's special resource lands. Ottawa, Canada Lands Directorate, 1979.
 atlas, 232 p. 41 x 31 cm.
 \$14.40 Canadian Government Publishing Centre. Supply and Services Canada, Hull, Quebec, Canada K1A 0S9
 Lands Directorate Map Folio No. 4. 88 color maps on the following topics: agriculture-30, outdoor recreation-17, wildlife-19, forestry-8, urban development-7, energy development-7.

- Special Collections / a subject-oriented quarterly review of books, maps, prints, and other materials in library and private collections of the United States and Canada. Editor-in-Chief: Lee Ash.
 JP Volume 1, No. 1, Fall 1980. Quarterly. \$36.00 yr. Haworth Press, 149 Fifth Avenue, New York, NY 10010.

- The Switzerland Trail of America : The Denver, Boulder and Western Railroad. Boulder, Colo. : Boulder County Historical Society, 1979.
ML 1 vol. (unpaged) ; ill., map (1 fold. in pocket), 22 cm.
 Accompanied by map: Drumm, Henry A. Drumm's pocket map of Boulder County, Colorado. 52 x 73 cm.
 \$1.50
 OCLC # 48411101

- United Nations. Economic and Social Council. First regular session of 1980. Document E/1980/8 31 January 1980
LC International co-operation in cartography / Second United Nations Regional Cartographic Conference for the Americas / Report of the Secretary-General. 4 p. English edition.

- United Nations. General Assembly. Committee on the Peaceful Uses of Outer Space. Document A/AC/105/257/Add.1 14 January 1980
LC Report of the United Nations expert on space applications to the Scientific and Technical Sub-Committee / Addendum / List of remote sensing applications in developing countries. English ed.

This Committee is producing a large number of "mimeographed" documents regarding remote sensing, including legal issues, reports and seminar syllabuses from training sessions, data tables showing which countries are using remote sensing for what purposes, etc.

"Mimeographed" UN documents are preliminary to "published" documents, but in many cases - this one included - the documents will never appear other than in the "mimeo" form. Documents are serially produced, so they must be reviewed as they come in to establish the value of their contents. Most are useful, some are valuable. All UN documents collections accessing the "mimeographed" documents will have these.

- United States. Dept. of Energy. Resource Division. Grand Junction Office. Areas in which potential uranium resources have been estimated / effective date: 1-1-79. Grand Junction, Colo. : The Dept., 1979.
ML 1 map ; 74 x 98 cm. Preliminary map - U.S. Department of Energy, Resource Division, Grand Junction Office ; no. 29.
 Scale 1:5,000,000. Includes inset of Alaska. Transfer line print.
 "This map, at a smaller scale, is included as Plate 1 in the Report National Uranium Resource Evaluation, Interim Report, GJO-111(79)..."
 OCLC # 6318517

- Varney, Philip
MB Arizona's best ghost towns: a practical guide. Preface by Byrd Howell Granger. Flagstaff, AZ., Northland Press, April 1980.
 152 p. 16 col. plates, 110 b&w 22 x 28 cm. LC 79-91724
 ISBN 0-87358-218-7 softcover \$10.95; 0-87358-217-9 hardcover \$19.95

The book covers more than eighty sites in eleven geographic areas across the state. Included are directions to all sites, combinations of towns into logical trips, and points of specific interest. Appendixes on reading topographic maps, a glossary of frequently-used mining terms, and a guide to the pronunciation of unusual-sounding place names appear, along with a ghost town bibliography.

- Viele, George W.
 Cross section of the eastern Quachita Mountains, Arkansas. Boulder, Colorado, Geological Society of America, 1979.
JC map 65 x 112 cm. 1:250,000 Contains map, cross section, legend, references, and location map. Geological Society of America.
 Map and Chart Series MC 28F.
 (not free) Geological Society of America, 3300 Penrose Place, Boulder, CO 80301.
- Wilson, Eldred D.
 Gold placers and placering in Arizona. Tucson, Arizona, Bureau of Geology and Mineral Technology, 1978.
MB Arizona Bureau of Geology and Mineral Technology, Geological Survey Branch. Bulletin 168. Reprinted 1978.
 \$2.00 Bureau ... 845 North Park Ave., Tucson, AZ 85719
 Includes index map showing location of Arizona gold placer districts, and a general history of gold placer mining in the state of Arizona.

ADDENDUM

- Oregon. State Map Advisory Committee.
 Available maps & aerial photos (of Oregon). (Salem, OR., Apr. 1980.)
EP 1 leaflet, 23 x 41 cm. folded to 23 x 10 cm.
 Compiled by Susan Trevitt-Clark of the Map Room, University of Oregon, Eugene, OR 97401, this is a listing of State, Federal, and University agencies and facilities. It gives addresses, telephone numbers, and indicates the types of materials available at each, and whether the materials are available for sale or for reference only.
- Landmark Enterprises / Books, Maps, Land Surveys. Roy Minnick (owner)
 10324 Newton Way, Rancho Cordova, CA 95670
EP

The above firm publishes original works, and reprints classics, and is a dealer for various materials related to surveying; some typical titles are:

Hoffman, Odgen
 Hoffman's Reports on the Land Cases. Reprint edition of 500 copies.
 San Leandro, California, Yosemite Collection, 1980? \$18.95

Robinson, W. W.
 Land in California / the story of mission lands, Ranchos, squatters, mining claims, railroad grants, land scrip, homesteads. Reprint edition by University of California Press, 1980. \$4.95 paperback

Hodgman, Francis
 A manual of land surveying / and a treatise upon the survey of public and private lands. Original published 1913. \$12.95

Smart, Charles
 Makers of surveying instruments in America since 1700. \$35.00

ATTENDANCE
 Joint Conference of the
 WESTERN ASSOCIATION OF MAP LIBRARIES
 MAP SOCIETY OF CALIFORNIA

University of California - Davis

April 24 & 25, 1980

Tau Rho Alpha
 U. S. Geological Survey
 Menlo Park

Janet Collins
 Western Washington University
 Bellingham

Mary Ansari
 Mines Library
 Univ. of Nevada-Reno

Darrel Condra
 Solano County Library
 Vallejo

Stuart Auchincloss
 Map Society of Calif.
 Redwood City

Carol Coon
 Bay Area Reference Center
 San Francisco Public Library

Ellen Bailey
 Geology Dept.
 Univ. of Calif.-Davis

Barbara Cox
 Marriott Library
 University of Utah- Salt Lake City

Kenneth O. Baldwin
 Div. of Library Science
 San Jose State University

John A. Creaser
 University Library
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Sandra E. Belanger
 University Library
 San Jose State University

David T. Cross
 Mill Valley, California

Elisabeth W. Bruno
 Government Publications Sect.
 California State Library
 Sacramento

Larry Cruse
 University Library
 Univ. of Calif.-San Diego
 La Jolla

Larry Carver
 Map & Imagery Library
 Univ. of Calif.-Santa Barbara

Jerome DeGraaff
 Portland State University

Tony Cimolino
 Graduate Student-Geography
 Univ. of Calif.-Los Angeles

Noel L. Diaz
 Dept. of Geography
 Univ. of Calif.-Los Angeles

Donald T. Clark
 University Librarian Emeritus
 Univ. of Calif.-Santa Cruz

Thomas M. Fante
 Sacramento, California

John Fetros
 San Francisco Public Library

Myrna D. Fleming
University Library
University of Southern California
Los Angeles

Herbert S. Fox
University Library
Calif. State Univ.-Fresno

Sharon B. Gibson
Univ. Library
San Francisco State Univ.

Stuart Guedon
Fremont, CA

Dennis Hagen
Government Publications Sect.
California State Library
Sacramento

Wendell P. Hammon
Sacramento, CA

Marjorie R. Henry
History Dept.
Seattle Public Library

Steven Z. Hiller
University Library
Univ. of Washington-Seattle

Phil Hoehn
Univ. Library/Bancroft Library
Univ. of Calif.-Berkeley

Susan Hutchinson
Branner Earth Sciences Library
Stanford University

LaVonne Jacobsen
University Library
San Francisco State Univ.

Larry Jenkins
California Computer Products, Inc.
Anaheim, Calif.

Ed Jestes
Univ. Library
Univ. of Calif.-Davis

David R. Jones
U.S. Geological Survey
Menlo Park

Gladys Krohn
Carmichael, California

Sandra J. Lamprecht
University Library
Calif. State Univ.-Long Beach

Louis W. Lewis
New Albion Island Classics
Diablo, California

Sally Lewis
New Albion Island Classics
Diablo, California

Beatrice Lukens
Earth Sciences Library
Univ. of Calif.-Berkeley

Eric McGuire
Corte Madera, California

Adelaide Mastin
San Anselmo, California

Charles Mastin
College of Marin Library
Kentfield, California

Dorothy R. Mewshaw
History Dept.
Los Angeles Public Library

Rosanna Miller
Map Service - University Library
Arizona State University-Tempe

Riley Moffat
Brigham Young University
Provo, Utah

Jennings B. Morton
Dept. of Transportation
San Diego County
San Diego, California

Steve Mullin
Univ. Library, Map Room
Univ. of Calif.-Berkeley

Diane M. T. North
Woodside, California

Harold Otness
Southern Oregon State College
Ashland

Carter Roberts
Berkeley, California

Janet Rudd
Santa Barbara, California

Fred Sandrock
Larkspur, California

Robert Sathrum
University Library
Humboldt State University
Arcata, California

David W. Schacht
Map Library
Oregon State University
Corvallis

Paul Simonds
Western Economic Research Co.
Sherman Oaks, California

Peter L. Stark
Central Washington State Univ.
Ellensburg, WA

Dale Steele
Nevada State Library
Carson City

Stanley D. Stevens
University Library
Univ. of Calif.-Santa Cruz

Muriel Strickland
University Library, Government Publi-
cations/Map Collection
San Diego State University
San Diego, California

Edward P. Thatcher
University Library Map Room
University of Oregon
Eugene

Norman J. W. Thrower
Dept. of Geography
Univ. of Calif.-Los Angeles

Karyl Tonge
Central Map Collection
Stanford University

Andrea Tuttle
Institute of Urban & Regional Develop-
ment
Univ. of Calif.-Berkeley

Celine Walker
Stanford University

Sylvia B. Warren
Map Acquisitions
Central University Library
Univ. of Calif.-San Diego
La Jolla

Ronald Whistance-Smith
University of Alberta
Edmonton

Maureen Wilson
Map Division, University Library
Univ. of British Columbia
Vancouver

Joey S. Wong
Dept. of Water Resources
State of California
Sacramento

Frances Woodward
Special Collections, University Library
Univ. of British Columbia
Vancouver

Edward G. Zimmerman
Calif. State Lands Commission
Sacramento

GUEST SPEAKERS (not listed above)

Wilbur Conklin, Bureau of Land Manage.
William Gray, CA. State Railroad Muse.
Pete Hunter, Univ. of Calif.-Davis
William Kahl, CA. Water Atlas
E. Dean MacCannell, Univ. of Calif.-Davis
Marguerite Pappaioanou, Univ. Calif.-Davis
David Snyder, Calif. State Archives
Francois Uzes, CA State Lands Commission

DUPLICATES AVAILABLE

The University of California, Davis, Library Map Collection is offering free the following maps. Preference will be given to those enclosing a self-addressed mailing label. Send requests to:

David Lundquist
Map Collection
Shields Library
University of California
Davis, California 95616

National Geographic. Middle East. 1978. 1:6,700,000.

Africa. 1975. 1:14,380,000. 2 copies.

U. S. Bureau of Land Management. Arizona - surface-minerals management status. Sanders sheet. 1:100,000.

INIGM. Mapa metalogénico de Colombia. 1976. 1:5,000,000.

U. S. Geological Survey. Topographic map of Manua Islands, American Samoa. 1963. 1:24,000.

State of New York. shaded relief. 1967. 1:500,000.

Maryland and Delaware. shaded relief. 1950. 1:500,000.

U.S. 1:250,000.: Augusta, Ga. =57 lim rev =66.

Baker, Oregon. =55 lim rev =63.

Chicago, Ill. =53 lim rev =64.

The Dalles, Oregon. =53 lim rev =64. 2c.

Dyersburg, Tenn. =56 lim rev =64.

Eagle Pass, Texas. =65

Goldfield, Nevada. 1953.

Las Vegas, Nevada. =54 lim rev =62.

Marble Canyon, Arizona. =56 lim rev =63.

Millett, Nevada. =55 lim rev =62.

Tucson, Arizona. =56 rev. =69.

Texas. Transportation Planning Div. Texas county outline map. ca. 1965. 1:1,300,000.

Guyana. Lands Dept., Cartographic Division. Map of Guyana. 1971. 1:1,500,000. 2c.

France. Institut Géographique National. Plan de Fort-Lamy. 1965. 1:10,000.

Division of National Mapping. Australia (relief). 1975. 1:5,000,000.

U. S. Forest Service. Lake Tahoe Basin land suitability. 1972. 1:24,000.

U. S. Bureau of Reclamation. Region 2 - Cal-Nev-Oregon. 1970. 1:4,000,000.

- France. Institut Geographique National. Ciudad de Guatemala. 2d ed. 1970. 1:12,500.
- Geokarta. Sev-Amerika politicka podela. 4 sheets. 1951. 1:20,500,000.
- U. S. Bureau of Land Management. California federal public lands responsibility map. 1978. 1:750,000.
- California desert vehicle program. 1977. ca. 1:960,000.
- Australia. State Rivers & Water Supply Commission. Victoria. 1977. 1:1,000,000.
- U. S. Bureau of Reclamation. Principal power facilities western United States. 1975. 1:5,000,000.
- Perskor Boeke Tekenkantoor. Black homelands of Republic of South Africa. n.d. 1:2,000,000.
- Westermann. Mitteleurope (physical). 1952. 1:900,000. 6 sheets. 2 copies.
- American Geographic Society. Kingdom of Serbs, Croats & Slovenes. 1925. 1:3,750,000.
- Edgar Ford. Australia Aboriginal Languages. 1974. 1:12,000,000. 4 copies.
- Australia, distribution of Aborigines & Torres Strait Islanders. 1971. 1:13,500,000. 4 copies.
- Australia, aboriginal reserves & lands trust areas. 1974. 1:13,500,000. 4 copies.
- Northern Territory [Australia] location & approximate size of aboriginal groups. 1973. 1:6,000,000. 4 copies.
- Geological Survey of Wisconsin. 1877. Vegetation, topography, etc. 13 sheets. 2 copies.
- U. S. Dept. of Interior. National park system, regions, regional offices, & areas. 1977.
- CSAA. Highway map of State of California. 1930. 1:1,350,000.
- Alameda County, Calif., Board of Supervisors. Official map of Alameda County, Calif. 1874. 1:31,680. 4 sheets.
- Pianta del Territoria del Comune di Firenze. 1:12,500. 2 sheets. ca 1970.
- Environment Canada. Forest regions of Canada. ca. 1970. 1:8,000,000.
- Australia, Div. National Mapping. Australia (relief). 1975. 1:5,000,000.
- U. S. Army Map Service. Central & North Pacific. 1st ed. 1944. 1:6,336,000.
- Fundação IBGE. Brazil - vegetation. 1970. 1:5,000,000.

DUPLICATES:

United States. Geological Survey. Topographic map of Mesa Verde National Park, Montezuma County, Colorado. 1:31,250 Surveyed 1910-11. 1915 edition.

United States. Geological Survey. South Carolina, Topography. (7.5 minute quads) 1:21,120 Surveyed in 1918 in cooperation with the War Department. Edition of 1919. Sheets: Bulls Island; Capers Island; Charleston; Fort Moultrie; James Island; Johns Island; Kiawah Island; Ladson; Legareville; Melgrove; Sewee Bay; Wando.

United States. Geological Survey. Bitterroot Forest Reserve, showing land classification, by J. B. Leiber, 1898. ca. 1:250,000.
(from USGS 20th Annual Report, Part V, plate CXIV)

Ireland, J. B. (compiler). Group map of Tintic Mining District, Juab and Utah Counties, Utah. Compiled by J. B. Ireland, Office of A. G. Burritt, engineer and geologist, Dooly Block, Salt Lake City, Utah. (Copyright No. 36249, Aug. 23, 1920) Have sheets 1 & 2 only of 4 sheets. Shows land owners.

Salt Lake City. City Engineer. W. D. Beers, City Engineer.
Map of Salt Lake City. n.d. ca. 1:20,500. (2 copies)

United States. Coast and Geodetic Survey. (Nautical Charts)
No. 6303 Port Angeles, Washington 1:10,000 (1893) Edition of 1909.
No. 650 Port Gamble, Washington Ter. 1:20,000 (1885) Edition of 1889.
No. 6399 Semiamoo Bay, Washington 1:30,000 (1858) Edition of 1909.
No. 6377 Anacortes Harbor, Washington 1:40,000 Edition of 1902.
No. 6378 Bellingham Bay, Washington 1:40,000 (1893) 1906.
No. 6405 Port Townsend, Washington 1:20,000 (1892) Edition of 1895.

(All of these charts are on heavy, rag content, chart paper, but are dirty. Chart No. 6405 is torn at bottom, but not repaired.)

United States. Coast Survey. (Nautical Charts)
Coast Chart No. 10 Cape Cod Bay 1:80,000 1872.
Coast Chart No. 5 From Penobscot Bay to Kennebec Entrance. 1:80,000 1873.
Coast Chart No. 55 Coast of South Carolina and Georgia from Hunting Island to Ossabaw Island including Port Royal Sound and Savannah River 1:80,000 1873.
Beaufort River; Station Creek Story and Harbor Rivers, forming inside passage between Port Royal and St. Helena Sounds, South Carolina 1:40,000 1873.
Naragansett Bay 1:40,000 1873 (2 sheets, north & south)
Damariscotta and Medomak Rivers, Maine 1:40,000 1872.
Sketch of Indian River Inlet, Florida. Surveyed in 1861 by C. Ferguson. 1:40,000.
South West Harbor and Somes Sound, Maine 1:40,000 1872.
Entrance to Bull and Combahee Rivers, South Carolina 1:40,000 1871.

Great Britain. War Office. General Staff. Geographical Section.
Burma and Thailand 1:253,440 London, War Office, 1941-
 AMS U541 (GSGS 4218) set includes various issues of some sheets, AMS,
 GSGS, India command (HIND 1001). some sheets cover parts of Malaya,
 China, Tibet, India. 58 x 88 cm. or smaller
 Set complete in about 180 sheets; have only 61 sheets. LC Map 47-235

United States. Army Map Service.
Poland 1:100,000. First Edition -AMS 2. Prepared under the direction of
 the Chief of Engineers, U. S. Army by the Army Map Service (SN), Wash-
 ington, D.C., 1944. AMS M651 (GSGS 4416)
 HAVE AVAILABLE: Sheet G 15; H 15-17; J 12,13,15-17; K 12-18; L 12-18;
 M 11-18; N 11-18; P 11-18; Q 13-18; R 13-18; S 13-18; T 13-18; U 13-18;
 V 17-18.

United States. Army Map Service.
Germany 1:100,000. First Edition -AMS 2. AMS M641 (GSGS 4416) 1948-
 HAVE AVAILABLE: Sheet J 3,11,14; K 5-6, 9-11; L 4, 9-11; M 2,5-6, 9-10;
 N 1-2, 9-10; P 3, 9-10; Q 6, 9-12; R 9-12; S 9-12; T 3-7; U 3-7; V 1-3,
 5-7; W 3-7; X 3-7; Y 3-7; Z 3-7.

For the aforementioned WANTED & DUPLICATES, contact: Stanley D. Stevens
 Map Collection
 University Library
 University of California
 Santa Cruz, CA 95064
 Preference will go to those able to offer the
 WANTED items, but we are also anxious to place
 the DUPLICATES with libraries wanting to fill sets.

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LETTER TO THE EDITOR

(EDITOR'S NOTE: From time-to-time unsolicited manuscripts arrive across the desk of an editor. I recently heard a publisher remark that he receives about 100 each week. Fortunately that is not my situation. I receive far too few. The following authoritative report, by a Mr. Schooner, or perhaps it's a Ms., was one of those unsolicited "letters" that is hard to turn down. It is my fervent hope that Prair E. Schooner, the author of this contribution, wasn't in the vicinity of Mount St. Helens when it blew - for we wouldn't want to lose the possibility of future cornucopian episodes.)

" Dear Charlie:

Your recent inquiries into the size of domestic map collections set me to thinking about my current predicament. Due to a momentary loss of power on our Demonic 8400 computer, we recently received the entire print-run of the new photorevised topo- ortho- hydro- Cythera 7.51' quadrangle (metric). Due apparently, to a machismo/sympatico parallel glitch - we recently found out that our "Demo 84" has been moonlighting as a national network - it got a Byte from a defective diode in Reston, VA, and has become the root cause for a number of toaster/blender foul-ups all along Sunrise Valley Parkway - the main

U.S.G.S. central processing unit hiccupped out 700,000 copies, all addressed to us.

We realized the mistake right away, but the lead driver of the Mayflower caravan refused to take them back, as did the other 16 10-wheeler drivers. The total freight bill is in six figures, not to mention the fact they broke our freeway offramp and we are now unable to leave work.

Anyway, at least technically, we are now the largest map collection in the U.S., a responsibility for leadership we don't take lightly, and, as I said at the outset, it has gotten me thinking. What with data base networking, cooperative cataloging, telefacsimile transmission and the large cost of us shipping these maps back, wouldn't it make more sense if every map library in the country simply took the full press run for one -- and one only -- quadrangle?

Think of the elegance--no more rooting around to discover if you have a map, or don't have it, when a patron comes to call--you'll know right away. Also, theft will be no bother: with 700,000 copies of the same quad, who could ever steal them all? Fact is, the only quads we've ever lost have been ones of the local area. If follows, since we never lose ones from far away, that if we each take that quadrangle of land farthest away from us, there probably won't be any loss at all.

Of course the next step is to set up a new map library every time a new quadrangle is published, so there will be one for each quad. Then it will be a simple matter to publish guides to map collections at the same time the topo indexes are published. In fact, since everyone already knows where places, such as New York City, Chicago, Los Angeles, et al., are, in their places the topo indexes could show what topo quad/map library is located at that place. For instance, if New York Public has the Pismo Beach quad, then the New York topo index could register "Pismo Beach" on Manhattan Island and we here in Lodi could sleep easier knowing the map collection in Lewiston, Maine, had 700,000 copies of our local area, all safe and sound.

I hope you will consider these ideas as seriously as they are proposed - believe me, this is the wave of the future - and get back to me with your wise counsel during this lifetime.

Yours indefinitely,

Prair E. Schooner "

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(as of June 1, 1980)

Arizona State Univ.
Library Acquisitions
TEMPE, AZ 85281

Boise State Univ.
Library
1910 University Dr.
BOISE, ID 83725

Library
Special Collections
Calif. State Univ.
P.O. Box 4150
FULLERTON, CA 92634

Dept. of Geography
Map Library
Michael Swift, Curator
Calif. State Univ.
18111 Nordhoff St.
NORTHRIDGE, CA 91330

San Diego State Univ.
Social Sci. Research
Laboratory
SAN DIEGO, CA 92182

Serials Dept.
General Library
Univ. of Calif.
BERKELEY, CA 94720

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Univ. of Calif.
Santa Cruz, CA 95064

Richard Fitch
Old Maps & Prints
2324 Calle Halcon
SANTA FE, NM 87501

Glenbow-Alberta Inst.
Library
Glenbow Centre
9th Ave. & 1st St. SE
CALGARY, Alberta
CANADA T2G 0P3

Central Serials Records
Univ. of Kentucky Libraries
Lexington, KY 40506

Microchart Systems, Inc.
Charles J. Barkee
819 A Street No. 30
SAN RAFAEL, CA 94901

Minerals Exploration Co.
Attn: Elizabeth A. Watson
P.O. Box 54945
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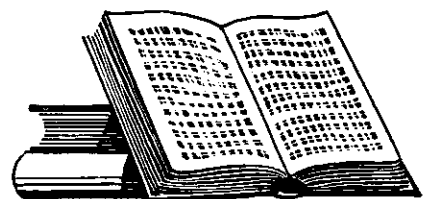
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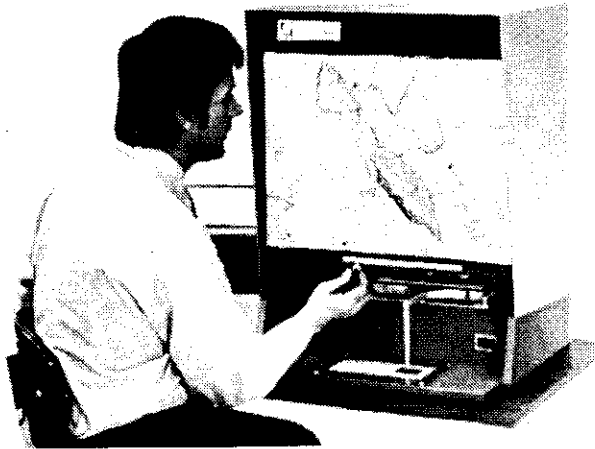
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