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information Bulletin



WESTERN ASSOCIATION OF MAP LIBRARIES

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

The Information Bulletin is published three-times-per-year by the Western Association of Map Libraries, but opinions expressed herein do not necessarily reflect an official position of the Association.

Membership in WAML is open to any individual, institution, or business interested in furthering the Purpose of the Association, which is "to encourage high standards in every phase of the organization and administration of map libraries".

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Santa Cruz, CA 95064

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Nautical Charts on Vellum

in the Library of Congress

NAUTICAL CHARTS ON VELLUM IN THE LIBRARY OF CONGRESS. Compiled by Walter W. Ristow and R. A. Skelton. Washington: Library of Congress, 1977. CIP, LC 76-6923, ISBN 0-8444-0181-1, GPO \$6.00, stock no. 030-004-00016-7.

This compilation is significant, it is the collaboration of the heads of two great national cartographical collections of English speaking countries on either side of the Atlantic Ocean. It was started in 1961 by Skelton, known affectionately as "Peter," then superintendent of the Map Room, British Museum, and after his untimely death in 1970, was completed, added to and edited by Dr. Ristow.

This title is the latest addition to the invaluable scholarly works, describing the cartographical collections of the Library, coming, over the years, from the Geography and Map Division, from Philip Lee Phillips, first chief of the Map Department, at the turn of the century, to the present head of the Division, Dr. Walter W. Ristow.

The work describes a small but important segment of the Library's cartographical collection, containing some treasures:

"The Library's most distinctive and ornamental vellum item [is] the Agnese atlas, ca. 1544." (There is a full page color reproduction of the world map.)

The chart of the NE Coast of North America, 1607 by Samuel de Champlain. "This map, personally executed by Champlain, ranks as one of the great cartographical treasures of America." (There is a full page reproduction in color.)

The 32 items are presented chronologically, from 1367 to 1770. Each is fully described, with provenance and references. Included are portolan, portolan type and other nautical charts, original or facsimile.

There are 5 atlases containing a total of 34 charts, and 28 separate charts, a grand total of 62 charts. All are in manuscript except for one which is engraved, that of Pieter Goos, *Europe and North Atlantic*, ca. 1660. About 14 charts relate to the Western Hemisphere.

The book is a relief from the usual government style. The printing is superior, there are 11 reproductions of charts, five of which are in color. It is oblong, 24 x 29cm, bound in rough textured cream cloth, gold lettered.

A must for every library, map collection, and everyone interested in old maps. The price of \$6.00 is a bargain.

Roy V. Boswell



THE CIRCUM-PACIFIC MAP PROJECT:^{*}
an Introduction and Review



by

Stanley D. Stevens

The American Association of Petroleum Geologists has just published, on behalf of the Circum-Pacific Council for Energy and Mineral Resources, the first four maps in a new mapping project that is the most extensive earth-science investigation to date of the "Pacific Hemisphere".

WHAT IS THE CIRCUM-PACIFIC MAP PROJECT?

The Circum-Pacific Map Project is an international cooperative effort by earth scientists concerned with the Pacific region. The Project will compile, interpret, and illustrate cartographically all available geological and resources information for the Pacific seafloor and adjacent land areas.

The Project is under the direction of General Chairman John A. Reinemund [Chief, Office of International Geology, USGS, Reston].

The Project was initiated in February 1973 as a byproduct of planning for the first Circum-Pacific Conference on Energy and Mineral Resources, which was held in Honolulu during August 1974. The Conference was sponsored by the American Association of Petroleum Geologists, the Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas, and the Pacific Science Association. The Project's ultimate goal is the same as that of the Conference: to advance the exploration and development of the entire energy and mineral resources of the Pacific region and to insure their compatibility with the environment.

The Project's goal is expected to be achieved by (1) bringing together in an integrated series of maps the latest geological, energy, and mineral information to depict the gross resource distribution in the Pacific Basin; (2) by illustrating the relationship between known resources and major geologic features as a guide and stimulant to exploration; and, (3) by helping focus attention on the status of, and gaps in, the geological knowledge of the Pacific Basin.

COORDINATION WITH OTHER PROGRAMS

International cooperation on a project of this magnitude is a high priority, as is evidenced by the list of Special Consultants (and the organizations from which they emanate): [personal names omitted here]

Commission for the Geological Map of the World
International Decade of Ocean Exploration
International Program for Ocean Drilling

* The reviewer is indebted to John C. Maher, Vice Chairman, Circum-Pacific Council, for information used as background material regarding the Council and the Map Project; and, G. D. Howell, Science Director, AAPG, for review copy and distribution information.

The Map Project is also coordinated with the United Nations Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas (CCOP), and the Economic and Social Council for Asia and the Pacific (ESCAP).

Institutions that provide Consultants include: Scripps Institution of Oceanography; Hawaii Institute of Geophysics; Lamont-Doherty Geological Observatory; School of Oceanography, Oregon State University; and the All Union Geological Institute of the U.S.S.R.

SPONSORSHIP OF THE CIRCUM-PACIFIC MAP PROJECT

The Map Project is one of the international activities of the Circum-Pacific Council for Energy and Mineral Resources. The Council is under the Chairmanship of Michel T. Halbouty, a prominent petroleum engineer [see *Who's Who in America*, 1976/77 edition], and John C. Maher, Vice Chairman [Office of International Geology, USGS, Menlo Park]. The remainder of the Council is:

C. Y. Li, Chairman, Northwest Region (Thailand)
David McGarry, Chairman, Southwest Region (Australia)
Guillermo P. Salas, Chairman, Northeast Region (Chile)
Roland W. Force, International Coordinator (U.S.)

K. H. Crandall	(U.S.)	John A. Katili	(Indonesia)
E. W. Ellsworth	(U.S.)	Isamu Kobayashi	(Japan)
Donald A. Henriksen	(U.S.)	Harold M. Lian	(U.S.)

Conferences and workshops are also part of the Council's activities, which are designed as continuing education for geologists, scientists, economists, and decision-makers in the fields of energy and mineral exploration. The Second Circum-Pacific Energy and Mineral Resources Conference is to be held in Honolulu July 30th - August 4th, 1978. [Additional details regarding this Conference appears elsewhere in this issue of the Information Bulletin.]

The Map Project, the Council, and the Conference may be addressed in-care-of the American Association of Petroleum Geologists, P.O. Box 979, Tulsa, Oklahoma, U.S.A. 74101.

THE FIRST MAPS ARE NOW AVAILABLE

Copies of the first four maps are now being distributed by the American Association of Petroleum Geologists:

Map Number One: Geographic Map of the Circum-Pacific Region, Northeast Quadrant, Tulsa, Oklahoma, AAPG, 1977.
Compiled by the U.S. Geological Survey. Printed by the Williams & Heintz Map Corporation.
Scale 1:10,000,000.
Lambert Azimuthal Equal Area Projection.
Colored map, 97cm x 128cm on sheet 102cm x 133cm.

Map Number One: Base Map of the Circum-Pacific Region.
[supplement] Northeast Quadrant.

[same description as above; for details
see Characteristics of the Various Series]

Map Number Two: Geographic Map of the Circum-Pacific Region.
Northwest Quadrant.

[same description as Map Number One]

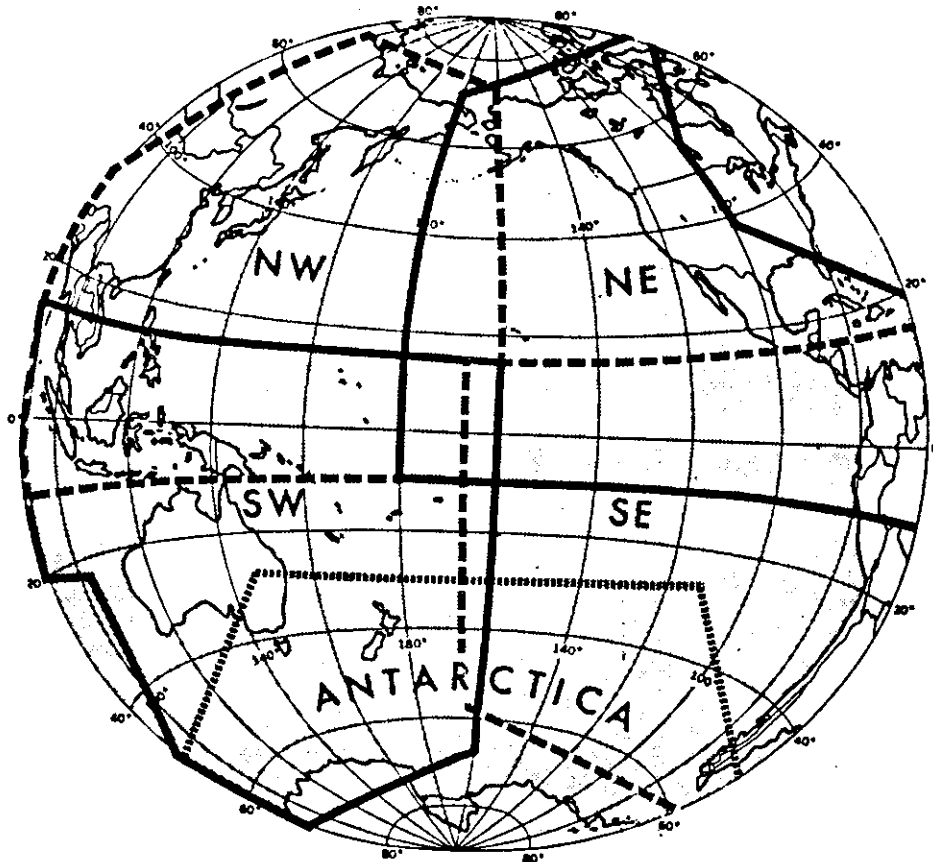
Map Number Two: Base Map of the Circum-Pacific Region.
[supplement] Northwest Quadrant.

The Geographic Maps, Maps Number One and Two, are available for \$20.00 each, and the Base Maps [supplements] are available for \$6.00 each. Prices for the other sheets to be published have not been announced. Ordering information will appear at the end of this article.

WHAT MAPS WILL FOLLOW?

The Map Project intends to compile Geographic, Base, Geologic, Tectonic, Energy, and Mineral Resources maps at a scale of 1:10-million for the five areas shown on the index map below.

A Tectonic-Resources map, and a Geographic base-map, of the entire Pacific Basin at a scale of 1:20-million will also be prepared. These will synthesize the information depicted on the other five maps.



CHARACTERISTICS OF THE VARIOUS SERIES

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The Geographic map series, or quadrant maps, are new bathymetric-topographic maps designed for geologic and other compilations. Their characteristics are as follows:

- a.) Scale: 1:10,000,000
- b.) Projection: Lambert Azimuthal Equal Area, with the center for each quadrant map to be near the geographic center of each quadrant.
- c.) Area of coverage and center point of each map:

	<u>Boundaries</u>				<u>Center Point</u>
	<u>W</u>	<u>E</u>	<u>N</u>	<u>S</u>	
Northwest Quad	95°E	160°W	70°N	10°S	35°N x 150°E
*Northeast Quad	180°W	75°W	70°N	10°S	35°N x 135°W
Southwest Quad	95°E	160°W	15°N	70°S	40°S x 150°E
Southeast Quad	165°W	35°W	15°N	70°S	40°S x 100°W

[*NOTE: The Northeast Quadrant includes the Caribbean Sea and the Gulf of Mexico.]

- d.) The quadrant maps have a 20° overlap East and West (North of the Equator, a 5° East and West (South of the Equator), and a 25° overlap North and South. Boundaries have been selected so as to include significant geologic, geographic, and political units - to make each map of maximum use, even without reference to the adjoining sheets.
- e.) Bathymetric contours with depth values are printed in five tints of blue. Topographic values appear in six color-tints. A legend indicates the elevation values.
- f.) Metric values are used throughout, spot heights are indicated for mountain peaks. [no bathymetric spot depths]
- g.) Latitude and longitude grid is marked every ten degrees.
- h.) Text in English, with notes regarding sources of bathymetry and topography, with a graphic index keyed to the sources, and a Glossary of terms (e.g., Japanese and Russian terms for island, gulf, etc., are translated into English).
- i.) The Index to the Quadrants is reproduced on each sheet.
- j.) A bar-graph in kilometers and miles is graduated in increments of 50 and 250 for each unit of measure.
- k.) The editors responsible for compilation of each sheet; i.e., Chairman of the Panel for each Quadrant; and, other authorities involved in the compilation and publication of the quadrant.

Base Maps

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Published in tandem with the Geographic map sheets is a series of base maps, printed in two colors. The sheet size, projection, and scale are the same as the Geographic maps. There are no geographic names or political boundaries; the land-mass outline and major drainage features are printed in black. All bathymetric contours with depth values are printed in blue. The principal difference between the Geographic and Base sheets, except for what has already been noted, is that the latitude/longitude grid is lined in two-degree increments on the Base maps. This series is specifically intended as a plotting base.

Pacific Antarctic Maps

The Pacific Antarctic series will cover the extreme southern part of the Pacific Basin and include all of Antarctica. These maps will extend in an arc from central Australia to southern South America and will cover all of the Scotia Arc. Limits of these sheets are shown on the map attached to the end of this article.

The Map Project plans to issue a base map, a geologic/tectonic map, and a resources map in this series. These maps will be on the Lambert Equal Area projection, at a scale of 1:10,000,000.

Pacific Basin Maps

The Pacific Basin map series will include sheets that cover all of the Pacific Basin and the fringing continental areas on a single sheet, at the scale of 1:20-million.

The basic objective of this series is to integrate the major geographic, oceanographic, and geologic features that will appear on the quadrant and Antarctic maps. Map sheets in this series that have been announced to date include the Geographic map and the Base map. A tectonic map is considered important for this scale, and other special subject maps are under consideration.

The Pacific Basin geographic maps will be centered at 160°W longitude, and the Equator in mid-Pacific. The area of coverage will be:

90° E longitude	-	to 50° W longitude
67° N latitude	-	to 67° S latitude

The Pacific Basin base-map will be printed in black, blue, and brown, and include the following characteristics:

- | | |
|----------------------------------|---|
| a.) geodetic grid | e.) land drainage |
| b.) country boundaries and names | f.) bathymetry in meters |
| c.) major cities | g.) names of principal trenches, rises, seamounts, and seabottom features |
| d.) land-sea boundaries | |

CHARACTERISTICS OF THE THEMATIC MAPS

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Geologic Maps

The geologic maps are to show geologic units required as background information for energy and minerals maps. They are to emphasize the geologic and stratigraphic similarities between the continental areas bordering the Pacific. Significant unconformities having a bearing on the distribution of energy and mineral resources will be depicted. Sediment accumulations and exposed bedrock units on the seafloor will be shown, with emphasis on the correlation of the geology from the continents to the ocean basin.

Compilations of the land areas will follow standard geologic compilation techniques. Compilations of the seabed has required considerable experimentation with the interpretation and representation of data from oceanographic research, deep sea drilling, and other programs.

The geologic maps will be overprinted in colors on a gray base, with the following characteristics:

- a.) generalized geologic units, including Quaternary, structural features to the extent feasible on land and seabed, names;
- b.) geophysical anomalies on seafloor to the extent pertinent for tectonic interpretation, but restricted to areas not covered by substantial thicknesses of sediments;
- c.) seabed sediment thickness and characteristics, including shelf carbonates, deltas, slope deposits, slump areas, volcanogenic deposits;
- d.) ages of oldest rocks in sedimentary sequence of seabed where known;
- e.) volcanoes; and,
- f.) seabed drill-hole locations and indexed drill logs showing age of rocks penetrated.

Tectonic Maps

The tectonic maps, which also will provide background data for the energy and minerals maps, will emphasize mappable structural elements of the earth's crust and show such geophysical data as magnetic anomalies, seismic epicenters, and heat flow. Because there is an abundance of structural and geophysical information available, decisions on which contribute most to the map project had to be made. Of particular concern is the depiction and interpretation of structural features across the continental margins, which are significant in relation to the interaction between the ocean basin and surrounding continents. Seismic epicenters, first-motion solutions, and heat flow values are being compiled for each map.

The tectonic maps, like the geologic maps, will appear on a gray base with color-tints overprinted. Characteristics are as follows:

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- a.) major faults, fault zones, trenches, basin areas, and other structural elements;
- b.) generalized geologic units classified by age and genesis, not including Quaternary deposits;
- c.) geochronologic determinations;
- d.) volcanoes, heat flow anomalies, and thermal springs;
- e.) geophysical anomalies on seafloor to the extent pertinent for tectonic interpretation;
- f.) seismic epicenters classified in three depth intervals and two or three levels of magnitude; and,
- g.) seabed drill hole locations and indexed drill logs showing age of rocks penetrated.

Energy Resources Maps

The energy maps are to show the distribution of solid, liquid, and gaseous deposits that are, or may become, sources of energy raw materials, and their relationship to geologic features.

The energy resources maps will be colored overprints on a gray base, and include the following characteristics:

- a.) selected sedimentary basins showing general age and isopach lines showing thickness of contained sedimentary rocks (including deep sea stratified deposits);
- b.) selected major tectonic elements; e.g., faults, and anticlinal axes;
- c.) generalized geologic units;
- d.) oil and gas fields and petroleum possibilities;
- e.) oil seeps, oil shale, tar sands, and asphalt deposits;
- f.) coal fields classified by rank and quality;
- g.) volcanoes, areas of thermal activity, heat flow anomalies, and areas of geothermal potential; and,
- h.) radioactive mineral deposits.

Mineral Resources Maps

The objective of the minerals maps is to show in as much detail as possible the distribution of the principal types of mineral deposits and mineral provinces and their relationship to major geologic elements. There is to be a geologic-structural background for the mineral data.

Mineral maps will show the following data: (overprint in colors on gray base)

- a.) major tectonic and metallogenic elements including batholiths and volcanic units;
- b.) mineral districts or provinces; major deposits where feasible;
- c.) metallic deposits classified as to mineral content, form of ore body, geologic environment, and size of deposit;
- d.) major coastal and offshore placer accumulations; and,
- e.) distribution of manganese nodules, metal concentrations, and metallic content of sediments.

COMMENTS ON THE MAPS THAT HAVE BEEN PUBLISHED TO DATE

The topographical detail is sufficient for locational purposes, and political boundaries and place names have been added for reference. Place names are those approved by the U.S. Board on Geographic Names and the members of each Quadrant Panel of experts. Major cities have been identified by population size symbols.

The bathymetric data clearly depicts the major trenches, basins, seamounts, and rises. Island groups, both above the sea surface and below (seamounts), have been named, and the continental shelf is easily identified by the un-tinted white area of the map.

The graphic design of the maps meet the standards we have come to expect of USGS products: the quality of a technical document that is consistently accurate from one map sheet of the series to the next.

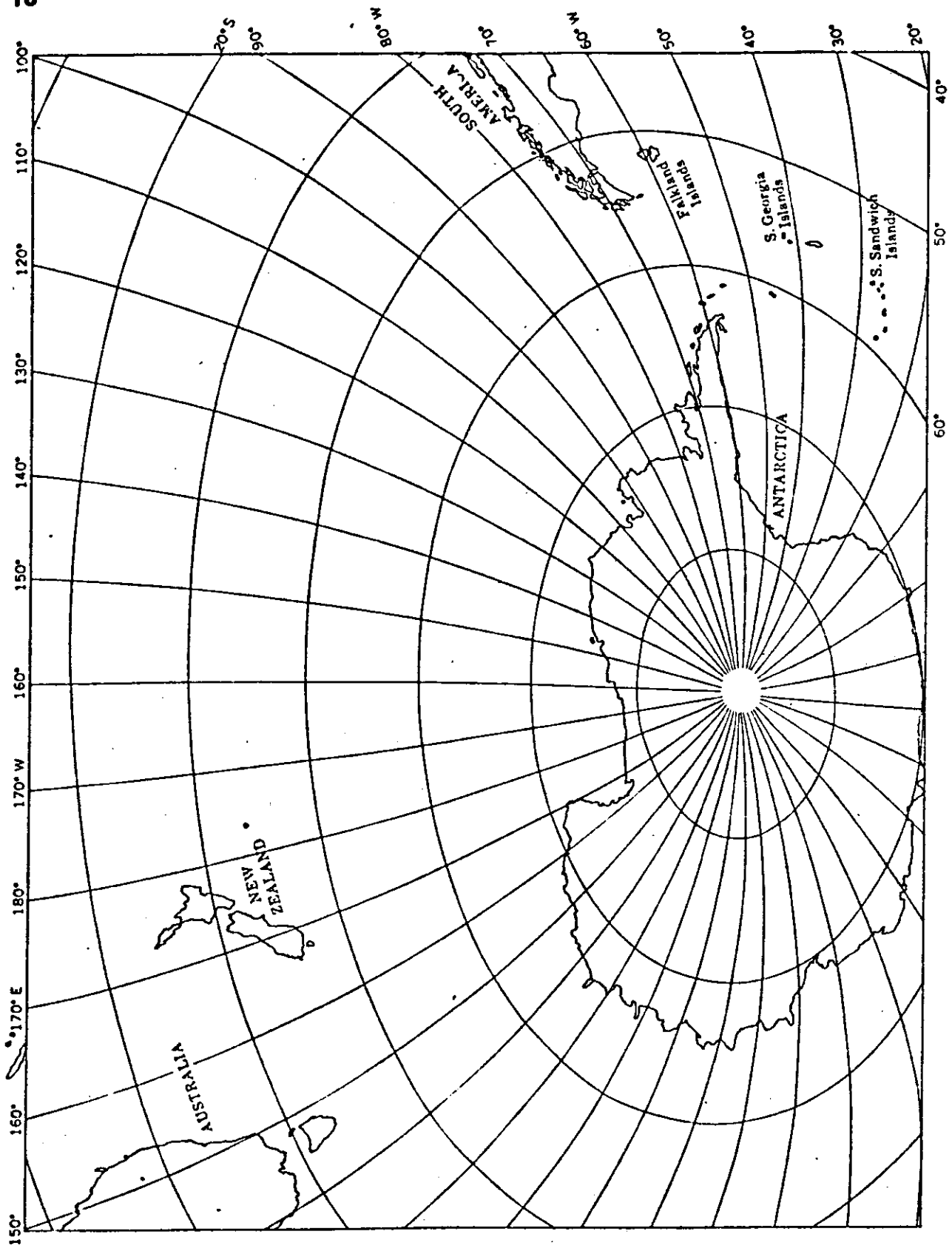
It is no doubt that the Project designers have in mind the needs of classroom teachers, as well as the scientist or cartographer who requires a base map. Any one of the Quadrant maps would suffice for a classroom-mounted map, suitable for illustrating a lecture. The single-sheet map of the entire Pacific region, to be published at 1:20-million, will also serve well to fill the gap in availability of a well-designed, up-to-date Pacific Hemisphere wall-map. Certainly the base-map function is easily accomplished with the two-color Base map series. They are up-to-date, easy to interpret, and detailed enough that additional reference points are not required. The addition of the two-degree grid enhances its utility.

FUTURE OF THE MAP SERIES AND ORDERING INFORMATION

The American Association of Petroleum Geologists, with a loan from the Michel T. Halbouty Fund of the AAPG, has scheduled the publication of the Geographic series and the Base map series. Hopefully, if the sales go well, the AAPG will find it feasible to publish the thematic maps. The Information Bulletin will report future releases in these series.

Standing orders for the entire series, both Geographic and Base maps, all four quadrant areas, the Antarctic quadrant, and the entire-region map, are being accepted by AAPG.

Payment in advance is required for all orders of \$50. or less, and a \$3. postage and handling charge is added to all orders.



INDEX MAP OF THE ANTARCTIC REGION

ACQUISITIONS ROUND-TABLE

[The Acquisitions Round-Table is an informal exchange of bits and tidbits that hopefully will add to our knowledge of how to deal with the mysterious world of cartographic-materials acquisitions. Into this category will enter citations of services, dealers in specialized materials, changes of address for services, how and who to contact for types of materials, and other miscellany; the result, we hope, will be input from you - in the form of useful contributions that will further our common cause. All contributions, unless submitted anonymously, will bear a credit-line identifying the source of the information; therefore, contributors may wish to cross-check the information submitted for publication. The Editor will accept responsibility for all items not otherwise identified.]

- #1 Avon Fine Prints Ltd., 202 Hereford St., Christchurch 1, New Zealand, a publisher of facsimiles of early Australia-New Zealand-Pacific area charts and views, on September 30, 1977 sold its entire remaining stock to a framing wholesaler. The framing wholesaler (whose name was not supplied with the announcement by Avon) will continue to supply these limited editions in framed form only.

Can the name of the new dealer be supplied by any reader of the I.B.?

- #2 Information Resources Press, 2100 M Street, N.W., Suite 316, Washington, D.C. 20037, a division of Herner and Company, on July 11, 1977 announced a new service and publication: EIS: Key to Environmental Impact Statements. EIS, begun in January 1977, converts all federally sponsored environmental impact statements into 300-500 word articles. These are arranged in eleven topical chapters which are indexed by subject, geographic area, and originating agency.

In addition to this monthly periodical, IRP will provide microfiche and hard copies of full statements, and computer-searchable magnetic tapes of EIS; it hopes to have the data base searchable via on-line commercial information services in the near future.

Twelve monthly issues of EIS, plus cumulative annual indexes) are available for \$200. domestic USA, and \$225. foreign. The microfiche sub (archival-quality, NMA standard fiche) of all impact statements covered in EIS is \$2,376. per year (\$1.80 per statement); microfiche copies of individual statements are \$5. per statement for up to five fiche (490 pages) and \$1.50 for each additional fiche. The computer tapes are \$975. per year.

- #3 Edward Thatcher, Map Librarian, University of Oregon, shares with us the names of current staff members at Edward Stanford Ltd., London, England:
"Miss Valda McSorley, and for 2nd Land Utilization Survey - Eric Watson, Aeronautical Dept."

- #4 UNIPUB, Box 433, Murray Hill Station, New York, NY 10016, has been appointed the exclusive United States distributor for the publications of IUCN (International Union for Conservation of Nature and Natural Resources) which is based in Morges, Switzerland. UNIPUB has a catalog available of IUCN pubs.

- #5 B. Arbit Books, 3134 North Downer Avenue, Milwaukee, Wisconsin 53211, has been appointed U.S. Distributors of all maps and atlases published by the Department of Surveys, Government of Israel.

Under the agreement with the Department of Surveys, it is B. Arbit's obligation to sell these maps at the same price as offered by the Israeli Government. For an example: The Atlas of Israel (second english edition) is offered by B. Arbit at the price of \$60.00 (for a limited time only - announcement dated July 26, 1977) whereas the list price in Books in Print has been \$188.50, according to Arbit.

Maps may be purchased flat or folded, orders should specify. All shipments are sent via U.P.S. unless otherwise requested. Both Hebrew and English editions are available for most items; some items are both E & H. Prices on an available order form do not include packing and postage; an additional \$2.50 per order for flat maps, \$1.50 for folded maps, should be added to each order, and prepay all orders under \$15.00

- #6 U.S. Geological Survey topographic quads 15-minute; several years ago the Survey announced that they would no longer reprint 15' quads where coverage of the same area was available at the standard 7½' quad. Although we know of USGS roll-microfilm (in black & white) that will become available shortly, map librarians have been devising some unique methods for conserving what they believe to be an endangered species; here are some recent examples:

Edward Thatcher, Map Librarian, University of Oregon:

"Several years ago, with the knowledge that USGS would soon cease to publish 15' quads for the conterminous states, we bought one each of all possible for Oregon only. These have been held pristine in a non-circulatable collection, to be consulted only in dire need by professional geographers. When all but one copy of 15' quads has been used up by backpackers we can at some expense have chronoflex copies made. These chronoflex permit black & white production of duplicates in any quantity desired for very small cost."

"By mail, we solicited major city libraries of Oregon, to all private college libraries, and by announcements in series from Oregon Library Assoc. We secured from several other libraries their archival collections of USGS sheets for our storage, which those libraries found difficulty storing and were apparently happy to withdraw for gift to us."

David A. Cobb, Map and Geography Library, University of Illinois:

"Due to the U.S.G.S. policy to discontinue this series, we have reluctantly decided to make this segment of our collection non-circulating. Although this may cause a small furor (as it already has), we have been losing too many of these maps which we can no longer replace. In addition, many of the maps were being used for field work and would be returned in a variety of unbelievable conditions. We will continue to check these maps out for xeroxing so that our patrons can procure copies for their use."

p. 19, Biblio, Number 3, 1977

Larry Cruse, Map Section, University Library, University of California-San Diego, La Jolla, CA 92093, in response to a request addressed to U.S. Geological Survey for a copy of an Open-File Report, was provided a list of reproduction firms from whom copies of the publication and/or maps could be obtained. The firm obtains the reproducible material from USGS, makes copies as you wish, and bills you direct; therefore, for Open-File Reports, contact the firm directly; the firms listed are accustomed to dealing with the USGS on this type of transaction:

NOTE: Work must be done by firms in the cities where U.S. Geological Survey office holds the reproducible copy; holdings locations are noted in the USGS New Publications monthly lists.

Menlo Park - Palo Alto area

1. Baker Graphics, Inc.
441 Emerson
Palo Alto, CA 94301
Tel. (415) 323-2416
2. Campus Copy
3461 Hoover St.
Redwood City, CA 94063
Tel. (415) 366-1632
3. California Reprographics
1033 Howard Ave.
San Carlos, CA 94070
Tel. (415) 592-4660

Los Angeles area

1. Continental Graphics
2828 No. Figueroa St.
Los Angeles, CA 90065
Tel. (213) 334-4513
2. Continental Graphics
101 S. La Brea
Los Angeles, CA 90036
Tel. (213) 938-2511
3. Pacific Blueprint
3419 West 6th
Los Angeles, CA 90005
Tel. (213) 387-6904
4. Southern California Blueprint
114½ West 3rd
Los Angeles, CA 90013
Tel. (213) 626-7681

[continued on next page]

San Francisco area

1. Blue Print Service Co.
48 Gold Street
San Francisco, CA 94133
Tel. (415) 433-3421
2. Ellinwood Reprographics
250 Broadway
San Francisco, CA 94111
Tel. (415) 421-0587

Reno area

1. Reno Blueprint
875 So. Wells Ave.
Reno, NV 89502

Salt Lake City area

1. Knight-Condley
256 E. 2nd South
Salt Lake City, UT 84111
2. Photo Blue
123 E. 2nd South
Salt Lake City, UT 84111

Denver area

1. Speedy Copy
2014 Welton
Denver, CO 80205
Tel. (303) 222-9746

Olympia area

1. Ibor McCray Copy Center
121 West Legion
Olympia, WA 98501
Tel. (206) 357-6707

#7

[continued from pre. p.] [Reprographics firms for USGS Open-File Reports]

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Spokane area

1. Abadan Reprographics
West 415 - 1st Avenue
Spokane, WA 99204
Tel. (509) MA4-0116
2. Standard Blueprint
West 425 Sprague
Spokane, WA 99204
Tel. (509) MA4-2985

[Prices range from 10¢ to 15¢
per page, plus min. charge
fees of \$2.50 to \$3.50 and/or
messenger fees for pickup of
reproducible material from USGS.]

Reston area

1. Reston Reference Service
11205 Hunting Horn Lane
Reston, VA 22091
Tel. (703) 860-0765
2. Photo Science, Inc.
7840 Airpark Road
Gaithersburg, MD 20760
Tel. (301) 948-8550
3. Cooper-Trent
Div. of Keuffel & Esser Co.
1521 N. Danville St.
Arlington, VA 22201
Tel. (703) 524-9000

#8

Two French companies, dealers in world-wide coverage, have recently come to attention and the following is submitted for your attention:

BLONDEL LA ROUGERY, 7 rue Saint Lazare, 75009 PARIS, FRANCE: books and maps about France (metropolitan area), aeronautical department, nautical department, globes, special maps.

ASTROLABE, 46 rue de Provence, 75009 PARIS, FRANCE: books and maps about foreign countries and overseas French territories, antiquariat, old and rare editions, reprints.

Raymond Chabaud, General Manager, Blondel la Rougery, writes that "we could supply you about any map or atlas published throughout the world".

They do not have a general catalog, because the updating is too difficult, but they publish separate sheets for each portion of a country, or an entire country; these sheets are sent free upon request. "For instance, you can ask for our catalog sheets about Mexico and Central America."

#9 Australian acquisitions should be made considerably easier with the use of the Second Edition of the Directory of map collections in Australia. Titles are sometimes misleading, but in this case one gets just what the title claims - and something much more: Map Publishers in Australia - government mapping agencies (federal and State), and commercial map publishers.

The front matter describes the "Principal Mapping Authorities in Australia", the "Arrangement and Content of Entries", and the compilers' "Introduction". One-hundred pages of very useful data, compacted between a very attractive cover, and a professional type-set and litho printing job make this presentation a dramatic contribution to the literature of map librarianship. Congratulations to Nancy Rauchle and Patricia Alonso, compilers and editors, and to the National Library of Australia for a welcome *nonpareil*. [Rauchle, Nancy Myrtle. Directory of map collections in Australia / compiled and edited by N.M. Rauchle and P.A.G. Alonso.- Canberra : National Library of Australia, 1977.- 2nd ed. ISBN 0-642-99098-0 \$4.50 Aust. / Sales & Subscription Unit, National Library of Australia, Canberra, A.C.T. 2600.

REFERENCE ROUND-TABLE

15

[Reference Round-Table is a sharing of our collective knowledge. With this issue we begin a new reference service. Questions frequently or seldom asked for which there are no easy or apparent answers available - answers developed as a result of tough research - this is the scope of Reference Round-Table. Some questions may appear, to the more sophisticated, to be frivolous; however, some of us have few or inadequate reference tools, some of us have unique reference works, some have never been asked for certain types of information, some are asked often and know where to look for certain types of answers, and others of us wish to share what we've learned. The purpose of Reference Round-Table is to promote a sharing. You pose the questions, or, you provide the answers. Send questions and answers direct to the Editor.

No gimmicks, no free trips, no prizes. Everyone can enter. No Purchase is Necessary!! Yet, everybody wins.]

- #1 Can you name any women that have made notable contributions to the field of cartography?

Gwendolyn R. (Penny) Barckley, Reference & Map Librarian, The Library, State University Agricultural and Technical College at Farmingdale, New York, and Alice C. Hudson, Map Division, New York Public Library, are jointly compiling a book (tentatively titled) "Women in Cartography: A Study of Notable Achievements".

Penny writes that they are searching for any names or material on this subject, and that the working definition of "cartography" has the broadest possible sense and has no limiting dates. They have already checked the following sources: Map Collectors Circle, Lister, and Bagrow-Skelton.

- #2 I have often wondered why the U.S. Board on Geographic Names does not publish a gazetteer for the U.S. similar to those it has published for other countries?

Herbert S. Fox, Map Librarian, University Library, California State University, Fresno, directed this question to Donald J. Orth, Executive Secretary, Domestic Geographic Names, U.S. Board on Geographic Names. The response was very informative: "In recent years ... gazetteers of Alaska and Delaware have been published. Computer produced gazetteers of Massachusetts and Rhode Island are available and work is being done on several other states. In fact, a pilot project is presently underway to compile all the names in Kansas and Colorado in order to determine costs for a National gazetteer program. Perhaps we will have a ... gazetteer of the United States in a few years.

Robert P. Markham, Coordinator, Micrographics Laboratory, University of Northern Colorado, Greeley, Colorado, reported to the WAML Membership meeting in La Jolla (October 7th) that he has available on microfiche a comprehensive list of 10,000 names which appear on topographical maps of Colorado. (see Minutes of that meeting elsewhere in this issue). This "Colorado Physical Features Index" is available for the cost of reproduction of microfiche; inquiries should be directed to Mr. Markham.

- 16 #2 (continued) Herb Fox states that he refers patrons to the Times' Index-gazetteer of the world, the Columbia Lippincott gazetteer of the world (now seriously dated), and the gazetteer section of the National atlas of the United States of America.

Proposed answer: I find the Rand McNally Commercial Atlas and Marketing Guide the best source for contemporary place names of U.S. states. Some of the places listed (each state has its separate listing of towns and cities, and a less complete list of physical features) are very small places - some of which are not inhabited, usually only a mail point. sds

- #3 Have there been later cumulations of the Board on Geographic Names decisions, such as that included in the Sixth report of the U.S. Geographic Board, 1933, or must we rely on the many separate issues of Decisions on geographic names in the United States?

Answer from Donald J. Orth, Executive Secretary, Domestic Geographic Names: "There has been no cumulative listing of the Board on Geographic Names' domestic decisions since the Sixth Report in 1932. " ... we are presently putting the Board's decisions in machine readable form and hopefully, by the end of this year (1977) or early next year, a cumulative list should be available."

- #4 With many areas of the western United States experiencing water shortages and rationing programs during the past two years, our consciousness about water-use has been raised and new questions with it. What is the per capita use of water per day throughout the U.S.?

Answer: C. Richard Murray and E. Bodette Reeves have provided the answers to this and just-about-everything-you-ever-wanted-to-know about water use in USGS Circular 765, entitled "Estimated Use of Water in the United States in 1975". It may be obtained free on request to the Branch of Distribution U.S. Geological Survey, 1200 S. Eads St., Arlington, VA 22202.

" ... about 1,900 gallons per capita per day" Use varies greatly from state to state, ranging from 160 gpcd in Rhode Island to 21,000 gpcd in Idaho. High per capita values are characteristic of thinly populated states having large acreages of irrigated land. "Per capita use of public water supplies (168 gpcd for the U.S., Puerto Rico, and the Virgin Islands)"

[This space reserved for your contributions.]

Please refer to Item Number when responding to previous material that has appeared.

Answers offered herein are not necessarily the only answers, or the best answers - let's hear your's!

- The publication EP Microform, of Wakefield (West Yorkshire) England, has announced its forthcoming microfilm of "American Manuscript Maps in British Repositories". The first phase of the project will focus on maps in the Public Record Office in London concerning the Revolutionary era. These microfilms are to be published next Spring (1978) and the price will be approximately \$50. A descriptive booklet will be available separately, price to be announced. Later in 1978 EP Microform will be publishing further collections of maps covering different years and drawn from different collections.

Contributed by Jeremiah B. Post, Cartographic Information Specialist, The Free Library of Philadelphia, Logan Square, Philadelphia, Pennsylvania 19103.

- A very attractive topographic map of Skaergaarden, East Greenland, 1:20,000, 1975, has been prepared and published by Geodaetisk Institut, Copenhagen, Denmark, in cooperation with the University of Oregon. It is available from Geodaetisk Institut, and from Dr. Alexander R. McBirney, Center for Volcanology, University of Oregon, Eugene, OR 97403. The coordinates of the area covered by this sheet are 68° 5' to 68° 15', and 31° 30' to 31° 50'. A geologic map of the area is planned.

Contributed by Edward P. Thatcher, Map Librarian, University of Oregon, Eugene.

- The Metropolitan Council of St. Paul, Minnesota, and the Metropolitan Health Board have published five 17 x 22 maps full of health information. Single copies of each of the maps are available free of charge as a public service by the Council and the Health Board.

Hospitals and Long-Term Care Facilities in the Twin Cities Metropolitan Area. August 1977. The map shows the location and size of hospitals and the location, type and telephone number of long-term care facilities.

Facilities Serving the Developmentally Disabled in the Twin Cities Metropolitan Area. June 1977. The map shows the location, type and telephone number of the various facilities serving this population group.

Primary Emergency Ambulance Coverage in the Twin Cities Area. August 1977. The map shows ambulance services, telephone numbers and areas covered.

Unscheduled Emergency Room Visits March 8-22, 1976 Per 1000 Population by Health Planning Neighborhood. August 1977.

Health Planning Areas, Twin Cities Metropolitan Area. March 1977. The map shows the areas in the region for which the Metropolitan Health Board is assembling health related data.

Metropolitan Council, 300 Metro Square Bldg., St. Paul, MN 55101

Contributed by Larry Cruse, Map Section, University Library, University of California, San Diego, La Jolla, CA 92093.

- The Washington Post of May 24, 1977 reported the following "Correction":

A map of Saudi Arabia that ran in Sunday's editions incorrectly placed Riyadh, the capital of the country, about 500 miles south-east of its actual location.

- The Baltimore Sun, May 22, 1977 (p. D3), reports on the publication in March 1977 of a pictorial map of Baltimore by Archar, Inc. of Toronto, Ontario.

The Baltimore fun map is one of a series of dozens prepared since 1972 for American cities by Archar. According to the article, fifty-five maps have been produced including Boston, New Orleans and Cincinnati. In various stages of compilation are views of Los Angeles, San Francisco, and New York.

The maps are color-lithographs, 29" x 29", and sell from \$3 to \$5, depending on seller's markup. They include several hundred local landmarks, and advertising. The map is promoted among businesses, therefore contains promotional material. Placemat versions are also available.

The citations from The Washington Post and The Baltimore Sun have been contributed by John G. Fetros, Head of Acquisitions, San Francisco Public Library, Order Department, 251 McAllister Street, San Francisco, California 94102

- The New York Times, August 15, 1977, p. 47, contains a report entitled "Cartographers' Parley Debates Authenticity of Yale Vinland Map". This is a reference to the Seventh International Conference on the History of Cartography [reported elsewhere in this issue of the Information Bulletin] and the talk by Smithsonian Institution staff members Kenneth Towe and Jacqueline S. Olin entitled: *The Vinland Map--Chemical Analysis of the Ink and Interpretations of the Analyses*.

The New York Times, September 1, 1977, contains a report by David A. Andelman, reporting from Bangkok, Thailand, entitled: "1909 Map May Hold Part of Key to Thai-Cambodian Border Clashes". The story, which itself contains a map, focuses on a map created as a result of a border agreement in 1907 between King Chulalongkorn of Thailand and the French Government. "The map is understood to show somewhat different boundaries from the 1954 American military field map that in the Thai view is the generally accepted basis of the border between Thailand and Cambodia," reports Andelman.

The citations from The New York Times were provided by Margaret Sowers, Santa Cruz, California.

- Application for License to Reproduce Copyrighted Map is the title of the form published on the following page. It was executed by WAML President Harold Otness in conjunction with the WAML Meeting in March 1977 in San Jose/Santa Clara. Required by the California State Automobile Association, it may be a typical release form used by a score of map producers; however, have you ever seen one?

The date of the form, January 1976, appears at the foot of the form; this is emphasized because with the new Copyright Law which becomes effective on Jan. 1, 1978, this form does not necessarily conform to the provisions of the new law. It may, or may not; it is not the intent of the Information Bulletin, by reproducing the form here, to advise anyone that the content of the form complies with either the new or the old Copyright Law. We offer it only as an example of the method used in December 1976 by this map producer to secure copyright compliance.

Contributed by Harold Otness, Southern Oregon State College Library, Ashland, Oregon, 97520.

APPLICATION FOR LICENSE TO REPRODUCE COPYRIGHTED MAP

To be submitted in triplicate to: CALIFORNIA STATE AUTOMOBILE ASSOCIATION
150 Van Ness Avenue, San Francisco, Ca 94101

The undersigned makes application to the California State Automobile Association for permission to reproduce the copyrighted map (material) or portion of map (material) described below under the conditions set forth as follows:

(1) Description of map (material) to be reproduced Portion of San Jose - Santa Clara street map

TITLE <u>Greater San Jose - Northern and Southern Area</u>	FORM NO.
---	----------

(2) Specific purpose of reproduction: to advertise a meeting of the Western Association of Map Libraries, to be held March 24th and 25th and San Jose State University and the University of Santa Clara

(3) The name, if any, of the publication in which said material will be reproduced <u>none</u>	NAME OF PUBLICATION	PUBLISHER'S NAME	APPROXIMATE DATE OF ISSUE
--	---------------------	------------------	---------------------------

(4) If said map (material) is to be reproduced in pamphlet form or in any manner other than as provided in paragraph (3), describe in detail: for mailing out with announcements of the meeting to the membership and to potential map exhibitors (see sample enclosed)

(5) It is understood that, if granted, permission to reproduce as covered by this application will expire upon a single printing of not to exceed 200 copies of said copyrighted map (material), or one year from the date of granting this license, whichever shall first occur.

(6) Applicant will deliver to California State Automobile Association at least two copies of the publication in which the reproduced map (material) appears.

(7) The publication in which the reproduction of this map (material) will appear will not contain advertising, be used in connection with any profit making venture nor offered for sale except as follows: (If none, state "NONE") none

(8) Each copy of said reproduction will contain the following statement:
"Basic map (material) reproduced by permission of the California State Automobile Association, copyright owner."

(9) It is further understood that if this application is granted, applicant shall have no authority to, and will not, grant a license or permission to any other person, corporation or other legal entity to reproduce said map (material) nor will applicant knowingly permit any other person to reproduce same.

Western Association of Map Libraries - Harold M. Otness, Program Chairman and President Elect

DATE <u>12/3/76</u>	PRINT OR TYPE NAME <u>Harold M. Otness</u>
------------------------	---

SIGNATURE <u>[Signature]</u>	TITLE <u>Program Chairman and President-Elect</u>
---------------------------------	--

ORGANIZATION
Western Association of Map Libraries

STREET
Southern Oregon State College Library

CITY <u>Ashland</u>	STATE <u>Oregon</u>	ZIP CODE <u>97520</u>
------------------------	------------------------	--------------------------

License to reproduce the copyrighted map (material) is granted to the extent and upon the conditions set forth in the foregoing application.

CALIFORNIA STATE AUTOMOBILE ASSOCIATION
By:

Date: 12/6/76

Robert W. Graver
Assistant Vice President, Public Services

PRESIDENT'S MESSAGE

20

MEMBERSHIP - HOSPITALITY COMMITTEE

Our profession is mobile and ever-changing. New people are hired in the map libraries of our region who may not know of the existence of WAML. For some time we have recognized the need to identify these people and invite them to join our organization and participate in our activities.

At present WAML is ill-equipped to make special efforts to contact individuals who may need to know about us. There is a brochure that describes our activities and invites memberships, but it is in need of updating. The larger problem is that of discovering the people who work with maps in the libraries of the West. A committee with a good geographical representation could assist the organization greatly in this matter. Its members could individually contact prospective map library employees and encourage them to join WAML. Thus, a member in Idaho, working through the Idaho Library Association or other group, for example, could make it a point to watch for new map people in their state and let them know about our activities.

When newcomers to the organization attend our meetings, this committee could be charged with the responsibility for making these people welcome by introducing them to the rest of the group and generally making them feel at home. The committee could also help to plan and carry-out the social activities at these meetings such as the cocktail-hours and meals. Hosting a meeting is quite a task, and if help could be given with the social arrangements, the local hosts could concentrate more on the speakers' needs and facilities.

If the membership in attendance at the Seattle meeting expresses its approval, WAML will establish a Membership-Hospitality Committee which will consist of six members, appointed for three years at a time, to fulfill the duties outlined above.

Harold Otness, WAML President



1977/78 WAML Officers

PRESIDENT

Harold M. Otness
Library
Southern Oregon State College
Ashland, Oregon 97520

VICE-PRESIDENT/PRESIDENT ELECT

Frances Woodward
Special Collections Division
University Library
University of British Columbia
Vancouver, B.C. V6T 1W5, Canada

SECRETARY

Paul R. Martinez-Perry
P.O. Box 966
Cupertino, CA 95014

TREASURER

Stanley D. Stevens
University Library
University of California
Santa Cruz, CA 95064

PAST-PRESIDENT

R. Philip Hoehn, The Bancroft Library, University of California,
Berkeley, CA 94720

Minutes
Western Association of Map Libraries (WAML)
Fall Meeting, October 6-7, 1977
University of California-San Diego (UCSD)

21

The meeting was called to order by WAML President Harold Otness (Librarian, Southern Oregon State College, Ashland, Oregon) at 1:30 p.m., Thursday, October 6, 1977 in conference room 111A, Mathews Campus, UCSD. Host Larry Cruse introduced John Haak, Associate University Librarian, UCSD, who welcomed WAML members to UCSD. President Otness then asked members to stand and introduce themselves.

Following this, President Otness called the Business Meeting to order at which time the Treasurer, Stanley Stevens, presented the WAML Financial Report whose highlights were: Net balance this year is \$1,372.77. In 1975-76 the expenses per member were \$9.47, while for 1976-77 they were lowered to \$6.88. Occasional Paper No. 2 requires the selling of about 180 copies to break even out of 400 copies printed. Occasional Paper No. 3 is at the printer now and is the Union List of Sanborn Fire Insurance Maps ..., Volume 2, by WAML Members William S. Peterson-Hunt and Evelyn L. Woodruff, with a Supplement to Volume 1 by R. Philip Hoehn. The Income and Expense Report for 1976-77 will be presented by the Treasurer in the next WAML Information Bulletin.

President Otness continued the meeting after the Treasurer's report, providing the following information: Ed Thatcher has proposed a "Union list of major topographic map series in map libraries"; Larry Cruse may compile an occasional paper on "Maps in microformat"; and, Stanley Stevens proposed the compilation of a "List of Fairchild aerial photographs". There was a discussion of a proposal that members of the Special Libraries Association's Geography & Map Division and members of WAML have considered merging together to form a new and stronger organization. Discussion included the view that in that circumstance the two publications of both groups might cease and a new, more comprehensive, and probably more expensive bulletin would emerge, resulting in the net loss of one journal in the map librarianship field. A variant of the proposal might be a national organization with three regional sub-units. These novel possibilities will be discussed for at least one-hour at the Spring 1978 WAML Meeting at the University of Washington in Seattle. Members will receive a questionnaire in the near future with additional information. It was emphasized that neither the WAML Executive nor the G&M Division has taken a position on these proposals. However, the WAML Executive has agreed to poll its Membership for guidance.

The schedule of future meetings is as follows:

Spring 1978 University of Washington, Seattle
Fall 1978 University of Nevada, Reno
Spring (Summer) 1979 Honolulu, Hawaii

Ms. Anna Chiong of the University of Washington, Seattle stated that the theme of the Spring 1978 Meeting would probably be "Computer Mapping for Third World Libraries." Ms. Mary Ansari requested that anyone with suggestions for the Fall 1978 Meeting or who wished to make a presentation contact her at the Mines Library, University of Nevada, Reno, Nevada 89557. Mr. Phil Hoehn stated that the University of California Libraries were currently debating whether to select the BALLOTS or OCLC systems for cataloging and that the BALLOTS system does not encompass maps. Vice President Frances Woodward stated that in June 1978 the Canadian Cartographic Association would meet in Vancouver, British Columbia. The business meeting was closed by president Harold Otness after mentioning that a social hour would take place at the home of San Diego State University Map Librarian Muriel Strickland at 6:00 p.m. and dinner at La Jolla Village Inn at 7:30 p.m. The meeting then adjourned for a coffee break.

At 3:15 p.m. the meeting reconvened. President Otness made some introductory statements on microcartography and then introduced treasurer Stanley Stevens who spoke on standards for cartographic microforms.

At 3:40 p.m. Mr. Lee W. Aggers, Chief, National Cartographic Information Center-West (NCIC-W), Menlo Park, California spoke about the organization and services provided by the center. He emphasized that in the near future NCIC would promote its products and services actively to the public. This would include making known to the public the large number of aerial photographs available in the various government organizations and perhaps even "advertising in the telephone directory and yellow pages."

At 4:00 p.m. the WAML participants followed Ms. Barbara Tillett, Head Technical Services Librarian, Scripps Institution of Oceanography to the Ohio College Library Center (OCLC) terminals on the 2nd level of the Central Library UCSD for a workshop on the use and handling of the same terminals. This concluded the official program for the day and the participants recessed for the evening at their leisure.

At 9:10 a.m. on Friday, October 7 president Harold Otness called the meeting to order and gave an overview of microcartography.

At 9:25 a.m. president Otness introduced Mr. Carl Lundquist, Bureau of Engineering, City of Los Angeles who spoke about 35 mm. microfilming of maps for aperture card application.

At 10:05 a.m. Mr. William R. Latady, President, Latady Instrument Company and arctic explorer spoke about the company's micro-cartographic equipment and products, principally a hand-held microfilm storage/film reader; NOAA charts from Maine-Texas are microfilmed and placed in strips containing 10 charts each which

are used primarily for navigational purposes (microfilm strips of NOAA charts from Washington-California are in progress). 23

At 11:05 a.m. Mr. Charles Taylor, Assistant Director, Cartographic Archives Division, National Archives and Records Service, Washington D.C. was introduced. Some of the numerous points discussed: Before 1840 there was excellent rag paper, after this time the poor quality, highly acid cellulose paper makes possible the loss of large numbers of documents unless they can be microfilmed; there is a pilot study to microfilm maps; only 13 percent of which require 2 reductions; polyester jackets are very troublesome.

At 11:55 a.m. Mr. Robert P. Markham, Coordinator, Micrographics Laboratory, University of Northern Colorado, Greeley, Colorado began discussing topographic maps on microfiche. Some of the many points discussed: Access to Colorado topographic maps via "Colorado Physical Features Index" which includes 10,000 names, towns, mountains, passes, rivers; it costs \$90.00 in fiche and \$2,500.00 in paper to have total map coverage of Colorado; conclusion: 1. people prefer paper, 2. computers are quicker, 3. color is essential (almost). At 12:30 p.m. president Otness recessed the meeting for lunch.

The meeting was called to order by president Harold Otness at 2:00 p.m. and he introduced Mr. Gilles Langelier, Head, Internal and External Services, National Map Collection, Public Archives of Canada, Ottawa. Mr. Langelier spoke about the 105 mm. photography project of the National Map Collection.

At 2:30 p.m. Mr. Jerry Greenburg, Chief, Data Acquisitions, National Cartographic Information Center (NCIC) Menlo Park, California began his extensive and well documented lecture on microcartography at the U. S. Geological Survey. From the numerous data presented the following is noted: NCIC at Menlo Park has fiche for sale and a catalog for the same (updated twice yearly) is for sale for \$1.00; when requesting information on or near the eastern seaboard call Mr. Paul Stone, Mr. Tom Burger, or Mr. Rodney Brown for special help at: USGS, National Center, Reston, Virginia (703) 860-6059.

Ms. Bernice Kimball, Chairman, Bureau Historical Committee, Bureau of Engineering, City of Los Angeles was introduced by president Harold Otness at 3:15 p.m. This talk was on the historical collection in aperture cards and methods and equipment used in its collection; there are 600 maps in the collection with no jackets. A coffee break was called at 3:40 p.m.

The meeting was reconvened at 4:05 p.m. with Ms. Gail S. Georgenson, Librarian, Space Imagery Center, University of Arizona, Tucson speaking on the large and growing collection at the Space Imagery Center: A multiformat collection with a computer linked microfiche retrieval system.

Mr. Bill Talbot, San Diego Blueprint Company explained his company's reprographics and services beginning at 4:25 p.m.

The 1977 Fall WAML Meeting was closed and concluded at 5:00 p.m. Friday, October 7 by president Harold Otness as he thanked all participants for their help and cooperation.

Paul R. Martinez-Perry
WAML Secretary



R E S O L U T I O N

WHEREAS many map libraries in the West would be greatly benefited by the inclusion of map records and cataloging capability in Stanford University's BALLOTS System,

BE IT THEREFORE RESOLVED that the Western Association of Map Libraries strongly urges the BALLOTS project to incorporate map records at the earliest possible date,

AND BE IT FURTHER RESOLVED that copies of this resolution to be sent to the California Library Association, the Western Interstate Library Commission, the California Library Authority for Systems and Services, the University of California Library Council, and to other appropriate organizations.

Unanimously adopted at membership meeting October 6, 1977.

(One response received was from Ronald F. Miller, Executive Director, CLASS, 1415 Koll Circle, Suite 101, San Jose, CA 95112:)

October 18, 1977

*Western Association of Map Libraries
To Whom it May Concern:*

"I received the Resolution adopted unanimously by the membership of the Association on October 6, 1977.

As a member of the BALLOTS Advisory Board, I will reinforce the sentiment of the Association at the next meeting of the group, which is scheduled for the end of October."

.....

La Jolla, October 6-7, 1977

A T T E N D A N C E

Lee W. Aggers	U.S. Geological Survey NCIC-W, Menlo Park
Mary Ansari	University of Nevada Mines Lib., Reno
Roy V. Boswell	Calif. State Univ. Fullerton, Col. Hist. Cart.
L. T. Campbell	Calif. State Univ. San Diego
Anna Chiong	University of Washington, Seattle
Kathrin Cipcich	Univ. of Calif. Los Angeles, Map Library
Cheryl Coumans	Univ. of Arizona, Tucson, Map Collection
Larry Cruse	Univ. of Calif. San Diego, Map Collection
David Deckelbaum	Univ. of Calif. Los Angeles, Map Library
John Fetros	San Francisco Public Library, Acquisitions
Myrna D. Fleming	Univ. of Southern California
Herbert S. Fox	Calif. State Univ. Fresno, Map Collection
Gail Georgenson	Univ. of Arizona, Tucson, Space Imagery Center
Gerry Greenberg	U.S. Geological Survey NCIC-W, Menlo Park
John Haak	Univ. of Calif. San Diego, University Library
Nathan Hamonds Jr.	City of Los Angeles, Bureau of Engineering
E. Douglas Hinkle	Phoenix Public Library
R. Philip Hoehn	Univ. of Calif. Berkeley, Bancroft Library
Leslie Jordan	Univ. of Calif. Los Angeles, Map Library
Harrison Kimball	Los Angeles
Bernice Kimball	City of Los Angeles, Bureau of Engineering
Sandra Lamprecht	Calif. State Univ. Long Beach, Univ. Library
Gilles Langelier	National Map Collection, Ottawa, Canada
William R. Latady	Latady Instrument Company, Hingham, Massachusetts
Paul M. Leverenz	Scripps Institution of Oceanography, La Jolla
Beatrice Lukens	Univ. of Calif. Berkeley, Earth Sci. Library
Carl Lundquist	City of Los Angeles, Bureau of Engineering
George Margiott	Eastman Kodak Co., San Francisco
Robert P. Markham	Univ. Northern Colorado, Greeley, Micro. Lab.
Paul R. Martinez P.	P.O. Box 966, Cupertino, CA 95014
Sharon McClure	Univ. of Calif. San Diego, Univ. Library, La Jolla

Dorothy Mewshaw	Los Angeles Public Library
Rosanna Miller	Arizona State University, Phoenix
Dale Newhouse	Scripps Inst. Oceanography, Geological Data Cont.
Harold Otness	Southern Oregon State College, Ashland
Nancy J. Pruitt	Univ. of Calif. Los Angeles, Geology Library
Janet Rudd	Univ. of Calif. Berkeley, Central Map Collection
Paul Simonds	Western Economic Research Co., Los Angeles
Pat Simpson	University of Washington, Seattle
Stuart M. Smith	Scripps Inst. Oceanography, Geological Data Cont.
Stanley D. Stevens	Univ. of Calif. Santa Cruz, Map Collection
Muriel Strickland	Calif. State Univ. San Diego, Soc. Sci. Res. Cent.
Bill Talbot	San Diego Blue Print Co.
Charles E. Taylor	U.S. National Archives & Records Serv., Washington
Barbara Tillett	Univ. of Calif. San Diego, La Jolla, Univ. Lib.
Stephanie Weiner	United States International Univ., San Diego
Maureen Wilson	Univ. of British Columbia, Vancouver, Map Coll.
Ron Whistance-Smith	Univ. of Alberta, Edmonton, Map Collection
Frances Woodward	Univ. of British Columbia, Vancouver, Spec. Coll.

BENCH MARKS!

Mary Larsgaard, former President of WAML, currently a graduate student in Geography at the University of Oregon, on leave from her position at Central Washington State College, Ellensburg, has accepted Nomination as President-Elect of the Geography and Map Division, Special Libraries Association. If elected at the Kansas City meeting of SLA in June 1978, Mary will be organizing the program for the 1979 Annual Meeting of the Division in Honolulu.

Harold Otness, current President of WAML, Librarian at Southern Oregon State College, Ashland, has an article in the current issue of The Journal of Library History (Vol. 12, No. 3, pp. 222-234) entitled "Baedeker's One-Star American Libraries". It concerns libraries in this country as described and evaluated in the American Baedeker guidebooks around the turn-of-the-century.

John R. Schroeder, Associate Member WAML, formerly with the Library, USGS, Reston, is now Head, Cataloging Unit, Geography and Map Division, The Library of Congress.

Stanley Stevens, WAML Treasurer/Editor of Publications, Map Librarian, University of California, Santa Cruz, was promoted from Library Assistant IV, a non-academic Staff position, to the rank of Assistant Librarian, in the academic Librarian series.

WAML ELECTION RESULTS

c/o The Bancroft Library **27**
University of California
Berkeley, California 94720

June 22, 1977

TO: The Membership
FROM: Phil Hoehn
RE: Election Results

Forty-nine ballots received, tallied as follows:

Vice-President:

Frances Woodward 49

Secretary:

Paul R. Martinez-Perry 47

Mary Guedon (write-in) 1

LaVonne Jacobsen (write-in) 1

Treasurer:

Stanley D. Stevens 49

The ballots have been turned over to Janet Rudd for preservation in the WAML Archives.

Congratulations to the new officers and best of luck for a successful year. My sincere thanks to this past year's officers for a great job. Special thanks go to Harold Otness who worked very hard on and made possible for us a highly successful Spring Meeting.

APPOINTMENTS TO THE PUBLICATIONS ADVISORY COMMITTEE

President Harold Otness has announced the following Appointments to the WAML Publications Advisory Committee:

R. Philip Hoehn, Map & Atlas Librarian, The Bancroft Library, UC Berkeley
Ronald Whistance-Smith, Map Librarian, University of Alberta, Edmonton

The two new appointees join the incumbent, Edward Thatcher, Map Librarian, University of Oregon, Eugene.

A meeting of the new membership will be held in conjunction with the meeting in Seattle.

Several publishing projects are being considered by the Committee, and President Otness urges the WAML membership to communicate with him, or members of the PAC, if there are any projects that are desirable or preferred. Members are urged to read the Minutes of the La Jolla meeting (elsewhere in this issue) for a report on ideas for publishing projects.

TENTATIVE PROGRAM

COME TO WAML: SEATTLE

University of Washington Libraries
& the Department of Geography

March 23-24, 1977

Thursday, March 23

1:00 - 5:00 p.m.

Registration 4th floor, Smith Hall

Program still being arranged

(NOAA & NCIC representatives
follow-up of Fall Meeting, but
related to the Northwest)

6:30 or 7:00

Dinner at a restaurant in Seattle's
International District

Friday, March 24

All meetings to be in and near
Suzzallo (main library)
Lectures will be in the 4th floor
Conference Room

There will be exhibits of maps and books
from Special Collections. This was spec-
ially requested to coincide with our meet-
ing dates, although the exhibit of old maps
will go on for another month after.

Arrangements have been made to bring in
speakers from the City of Seattle Engineer-
ing and Planning departments. There will
be some representatives from Kroll Map Co.
and possibly from Metsker as well.

FORMAT - to follow the La Jolla meeting
with the usual coffee breaks, etc.

WESTERN ASSOCIATION OF MAP LIBRARIES

INCOME-EXPENSE REPORT

For Period Fiscal Year July 1, 1976 thru June 30, 1977

Date July 18, 1977 **29**

and Volume 8 year of the Information Bulletin

Previous Balance . . .

625.	33
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A

Accrued INCOME		AMOUNT		
Source	Memberships: 115 Principal Region Individual; 66 Associate Individual; 29 Institutional	1,630 00	- 75/76 Income Due - Not Collectable: \$ 111.00 = \$ 514.33 Adjusted Previous Balance +add \$15.00 76/77 Prepaid	
Dues	Subscriptions to Information Bulletin: 173	865 00		
	Sale of Back Issues of Information Bulletin	270 00		
	Sale of Occasional Paper No. 1 = 13 (incl. Tax)	52 96		
	Sale of Occasional Paper No. 2 = 103 (incl. Tax)	521 60		
Other Income	Postage Collected on Back Issues, OP's, etc.	65 67		
	Miscellaneous Income	73 07		
TOTAL INCOME		\$ 3,478 30		\$ 4,007 63 B
Accrued				

EXPENSE		AMOUNT		
	Treasurer's Expenses: Invoices, Postage, Printing, etc.	116 17		
	WAML Meeting Expenses: Eugene/Corvallis & San Jose/ Santa Clara	219 18		
	Reprinting of Information Bulletin (Back Issues Sales)	96 18		
	Information Bulletin Production Expense (incl. postage)	2,061 27		
	General Postage	110 17		
	California Sales Tax (collected on sales of OP's 1 & 2)	6 06		
	Production Expense for Occasional Paper No. 3	25 83		
TOTAL EXPENSE		\$ 2,634 86		\$ 2,634 86 C

NOTE: Further details of income or expense items may be listed on a separate sheet

Submitted by Stanley D. Stevens
 Approved by Stanley D. Stevens, Treasurer & Editor of Publications

NET BALANCE (A+B-C)

\$ 1,372	77
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Disposition of Net Balance:
 Deduct Income Due 1976/77 -351. 26
 Add Prepayments for 77/78 +254. 27
 Cash on Hand 7/1/77 \$ 1,275. 78

Comments or Recommendations: _____

Accounts Payable:
 Sales Tax collected on Occasional Papers during Calendar 1977

Accounting is maintained on an Accrual Method. The IRS defines this method as "all items of income are included in gross income when earned, even though payment may be received in another tax year." Therefore, itemized above is a deduction from the Previous Balance for \$111.00 determined to be uncollectable. This is a combination of Members and Subscribers retained on the mailing list in the hope that they will renew sometime during the year. In the future, an earlier cut-off date will be exercised in an attempt to reduce the expense of sending the Information Bulletin after renewals have lapsed.

WAML Treasurer's Income & Expense Report 1976/77

Vol. # / Year	Members	Inst. Mem.	Subs.	% Increase	Income	Expense	I.B. Prod. Exp.	% Increase (- decrease)	Cost Per Member
1975/76 V. 7	104+62	31	151	20.83%	3089.17	3295.95	2077.30	38.15%	9.47
1976/77 V. 8	115+66	29	173	10.06%	3478.30	2634.86	2061.27	(-.0077)	6.88

NOTES: Please refer to page 2 of the 1975/76 Report for comparative costs & income for 1967 - 1975.

COMMENTS: As noted in Comments for last year, "printing costs have increased". This year's I.B. Production Expense was held down by adopting the suggestion to cut the number of copies printed to 400 for each issue. Although this method was successful, the small decrease of \$16.03 in Expenses must be understood in light of the trade-off; i.e., whereas we had 425 to 450 copies of each issue printed during the Volume 7 year, we had only 400 copies printed this year - therefore, our back-file of issues-on-hand-for-sale is considerably smaller; future reprinting costs will reflect this situation.

On page 3 of last year's Report, the NOTE at the bottom of the Inventory proposed that Reprint costs be reduced by Xeroxing those issues "out-of-stock" as orders were received. This method was used and reduced our Reprint Expense from \$229.26 in 75/76 to \$96.18 this year. This method makes the "profit" in Sale of Back Issues less, but holds our working capital at a higher level.

All categories of Expense, with the exception of General Postage (increase of \$29.48), were lower this year. It is true that we did not have the production expense of an Occasional Paper; however, a careful watch on expenses (a reduction of 20%) and an increase in income (better than 12%) has left WAML in a much better position to finance the production of Occasional Paper No. 3 during 1977/78.

Production of Occasional Papers remains as a principal concern for future planning. The sales of previous issues are as follows:

	#	Printed
Occasional Paper No. 1	=	162
Occasional Paper No. 2	=	127
		Published April 1973
		700
		Published 1976
		400

It was carefully planned to protect the future sales of OP #1 by not including any material in OP #2 that appeared in OP #1. OP #3 will also be completely unique, so that a complete set will be necessary for adequate bibliographic reference.



ASSIGNMENT OF COPYRIGHT



The Western Association of Map Libraries is pleased to have the opportunity and privilege of publishing your contribution in its

INFORMATION BULLETIN : Volume __, No. __ (_____) date

As a condition of publication it is essential that you grant us the copyright to your contribution. After publication of the Issue or Issues in which your contribution appears, and upon your written request, the Association will grant you permission to republish your contribution subject only to your giving proper credit to prior publication in the Information Bulletin.

The following terms of publication are accordingly submitted for your consideration.

Consent to Publish and Warranty

Whereas the Western Association of Map Libraries is undertaking to publish its Information Bulletin, of which the undersigned is Author of one or more parts, the Author transfers and assigns exclusively to the Western Association of Map Libraries the copyright therein and all rights protected by copyright for the term of the copyright in the United States and elsewhere and any renewals or extensions thereof.

The Author warrants that his/her contribution is original and that he/she is the sole author and owner of the contribution and has full power to make this grant.

Previous Publication

The Author guarantees that none of the material included in his/her contribution has been previously published or, if it has been previously published in whole or in part, that he/she has obtained an assignment of copyright in the name of the Western Association of Map Libraries.

Compensation

The Author will receive no royalty or other monetary return from the Western Association of Map Libraries for the use of his/her material, but in lieu thereof he/she will receive two (2) free copies of the published Information Bulletin in which the contribution appears.

2

If the foregoing terms are satisfactory to you, please sign and date this agreement and return one copy to the Association at the address cited below. The second copy is for your own files. Thank you.

Author's signature Date

For the Western Association
of Map Libraries:

Name and Address to which future
correspondence is to be sent:

(please print)

Stanley D. Stevens Date
Editor of Publications

c/o University Library
University of California
Santa Cruz, CA 95064

Name

Address

W.A.M.L.

ASSIGNMENT OF COPYRIGHT



EDITOR'S NOTE: The WAML Executive Committee decided at its meeting on October 7, 1977 at La Jolla that each issue of the Information Bulletin should be copyrighted.

The Executive Committee is considering adopting the above form for securing copyright release from each contributor to the Information Bulletin.

The Executive Committee welcomes comment on the content of the form. Please address your comments to the WAML Executive Committee, c/o President Harold Otness, Southern Oregon State College, Library, Ashland, Oregon 97520.



by

Anna F. Blustein
 Associate Librarian (Cataloger)
 University Research Library
 University of California, Los Angeles

[EDITOR'S NOTE: Selections for this feature are made from copy submitted by Ms. Blustein. The copy submitted includes all atlases recently cataloged by her for the various collections at UCLA. Because of space limitations, and a belief that readers prefer to see items that are recently published (for acquisitions purposes), the following additional criteria are used in the selection process: (1) atlases published from 1970- ; (2) cataloged in the Roman alphabet (including transliterations). The principal exception is that if atlases of States or Provinces (or portions thereof) within the WAML Principal Region have recently been cataloged, regardless of publishing date, they will be cited. Another exception is that atlases that have recently been completed (typically a multi-volume or multi-sheet atlas) will be included. THE EDITOR WELCOMES COMMENT ON THIS SELECTION POLICY.]

- G Atlas for Jamaica and the western Caribbean.
 1019 -- 1st ed. -- [London] : Collins-Longman Atlases, 1971.
 A8812 57 p. : chiefly col. ill., col. maps ; 27 cm.
 1971 1. Atlases, British. 2. Jamaica - Maps. 3. Caribbean area - Maps.
- G The Times atlas of the world / Times Books in collaboration with
 1019 John Bartholomew & Son Limited. -- Comprehensive ed. -- London :
 T48ac Times Books, 1977.
 1977 xl, 224 p., 123 leaves of col. plates : col. ill., col. maps ; 47 cm.
 "Fifth edition 1975, reprinted with revisions 1977."
 "Maps prepared by John Bartholomew & Son Limited, Edinburgh."
 Legend sheet laid in.
 1. Atlases, British. I. Bartholomew (John) and Son, ltd. II. Times
 Books, London.
- G Atlas zur Geschichte. [Redaktionskommission: Lothar Berthold (Leiter)
 1030 et al. Kartenautoren: Gert Audring et al. Herausgeber: Zentralinsti-
 A8815 tut für Geschichte der Akademie der Wissenschaften der DDR und VEB
 1973 Hermann Haack, Geographisch-Kartographische Anstalt Gotha/Leipzig.
 1 Aufl.] Gotha, H. Haack, Geographisch-Kartographische Anstalt,
 1973-1975.
 2 v. col. maps. 29 cm. LC 74-650102 29.00M per vol.
 CONTENTS: Bd. 1. Von den Anfängen der menschlichen Gesellschaft bis
 zum Vorabend der Grossen Sozialistischen Oktoberrevolution 1917.
 Bd. 2. Von der Grossen Sozialistischen Oktoberrevolution 1917 bis
 1972.
 1. Geography, Historical-Maps. I. Berthold, Lothar, ed. II. Akademe-
 ie der Wissenschaften der DDR. Zentralinstitut für Geschichte.
 III. Haack (Hermann) Geographisch-Kartographische Anstalt Gotha, VEB.

- 34 G Young, Peter, 1915-
 1038 Atlas of the Second World War / edited by Brigadier Peter Young,
 Y86a cartography by Richard Natkiel. -- London : Weidenfeld and Nicolson,
 1973 1973
 288 p. : ill., col. maps ; 29 cm.
 1. World War, 1939-1945 - Maps. I. Natkiel, Richard. II. Title.
- G Littell, Franklin Hamlin
 1046 The Macmillan atlas history of Christianity / by Franklin H. Littell
 E42L71 ; cartography by Emanuel Hausman ; prepared by Carta, Jerusalem. --
 1976 New York : Macmillan ; London : Collier Macmillan, 1976.
 [x], 176 p. : ill., col. maps ; 30 cm.
 1. Ecclesiastical geography - Maps. 2. Geography, Historical - Maps.
 3. Church history. 4. Civilization, Christian. I. Hausman, Emanuel.
 II. Carta, Jerusalem. III. Title. IV. Title: Atlas history of Chris-
 tianity.
- G World atlas of agriculture; under the aegis of the International As-
 1046 sociation of Agricultural Economists. Monographs edited by the Com-
 J1W89 mittee for the World Atlas of Agriculture. Novara, Istituto Geo-
 1969 grafico De Agostini [1969-76]
 4 v. illus. 36 cm. and portfolio (62 plates) 49 cm. MARC 77-653907
 Contents.- v.1. Europe, U.S.S.R., Asia Minor.-
 v.2. South and East Asia, Oceania.-
 v.3. Americas.-
 v.4. Africa.
 "Land utilization maps and relief maps prepared by the Committee
 for the World Atlas of Agriculture."
 Includes bibliographies.
 1. Agriculture. 2. Agriculture - Maps. 3. Land - Classification -
 Maps. I. International Association of Agricultural Economists.
 II. Committee for the World Atlas of Agriculture. III. Istituto
 geografico De Agostini, Novara.
- G Canada. Statistics Canada. Census Field.
 1116 Thematic maps of 1971 census data = Cartes thématiques des données
 E1C16 du recensement de 1971 / produced by Census Field, Statistics Can-
 1971 ada, 1973.
 [iv], 14 leaves of plates : 14 maps (11 fold.) ; 29 cm.
 English and French. At head of title: Statistics Canada, Census
 Division. Cover title.
 1. Canada - Census, 1971 - Maps. I. Canada. Census Division.
 II. Title. III. Title: Cartes thématiques des données du recense-
 ment de 1971.
- G Atlas de l'Acadie : Petit atlas des francophones des maritimes /
 1120 Samuel P. Arseneault ... [et al.]. -- [Moncton, New Brunswick?] :
 A881 Editions d'Acadie, [1976].
 1976 [vii] p., 31 [i.e. 33] fold. leaves of plates, [2] p. : 33 maps ;
 46 x 34 cm. Text for each map printed on verso of preceding map.
 On cover: PROFAT, projet des francophones de l'Atlantique.
 Bibliography: p. [vi].
 1. Maritime Provinces, Can. - Maps. I. Arseneault, Samuel P.
 II. Title: Petit atlas des francophones des maritimes. III. Title:
 PROFAT.

- G
1201
E4G2
1976
Gaustad, Edwin Scott
Historical atlas of religion in America / Edwin Scott Gaustad.
- Rev. ed. - New York : Harper & Row, c1976.
xii, 189 p. : ill., maps (2 fold. in pocket) ; 32 cm. MARC 76-25947
Includes bibliographies and indexes. ISBN 0-06-063089-2 \$20.00
1. Ecclesiastical geography - United States - Maps. 2. United States - Church history. I. Title. II. Title: Religion in America.
- G
1395
S662m
1977
Smith, Thomas H , 1936-
The mapping of Ohio / Thomas H. Smith. -- [Kent, Ohio] : Kent State University Press, 1977.
xiii, 252 p. : ill., maps ; 31 cm. ISBN 0-87338-054-1
"Manuscript maps, printed maps, and plats, sketches and plans from original map makers with a narrative ... " Bibliography: p. [230]-248.
1. Ohio - Maps. 2. Ohio - Historical geography - Maps. 3. Cartography - Ohio. I. Title.
- G
1444
A1N81c
1975
North Dakota. State Highway Dept. Transportation Services Division.
City atlas / prepared by North Dakota State Highway Department, Transportation Services Division, in cooperation with U.S. Department of Transportation, Federal Highway Administration. -- [Rev. ed.]. -- [Bismarck] : The Division, 1975.
vii, 357 leaves : maps ; 22 x 34 cm. Aerial photograph of each city on verso of preceding map. Cover title: North Dakota city atlas of incorporated cities, bicentennial edition, 1975.
1970 ed. prepared by North Dakota State Highway Dept., Planning and Research Div.
1. Cities and towns - North Dakota - Maps. I. United States. Federal Highway Administration. II. Title. III. Title: North Dakota city atlas of incorporated cities.
- G
1490
L956a
1976
Loy, William G
Atlas of Oregon / director and cartographer, William G. Loy ; associate director, Stuart Allan ; text author, Clyde P. Patton.
- Eugene: University of Oregon, 1976. MARC 76-13964
vii, 215 p. : col. ill., col. maps ; 31 x 39 cm. ISBN 0-87114-076-4
"University of Oregon books." CONTENTS: Human geography. - Economic systems. - Natural environment. - Facts, figures, and place names. Includes bibliographies.
1. Oregon - Maps. I. Allan, Stuart. II. Patton, Clyde Perry, 1923- III. Title.
- G
1526
C88M61
1973
Miller, John Frederick, 1928-
Precipitation-frequency atlas of the Western United States : Volume XI, California / J. F. Miller, R. H. Frederick, and R. J. Tracey ; prepared for U.S. Dept. of Agriculture, Soil Conservation Service, Engineering Division. -- Silver Spring, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Weather Service : for sale by the Supt. of Docs., U.S. Govt. Print. Off., Washington, 1973.
iv, 71 p. : ill., maps (some col.) ; 40 x 55 cm. -- (NOAA Atlas ; 2)
Scale of maps 1:2,000,000. Bibliography: p. 19.
1. Precipitation (Meteorology) - California - Charts, diagrams, etc.
...

- G United States. Bureau of the Census.
 36 1527 Urban atlas, tract data for standard metropolitan statistical areas
 L89E25 : Los Angeles-Long Beach, California / U.S. Dept. of Commerce,
 U58 Bureau of the Census, U.S. Dept. of Labor, Manpower Administration.
 1974 -- Washington : The Bureau : for sale by the Supt. of Docs., U.S.
 Govt. Print. Off., 1974.
 [32] p. : chiefly maps (chiefly col.) ; 44 x 56 cm. Cover title.
 "Selected census tract statistics as reported in the 1970 Census of
 Population and Housing, enumerated as of April 1, 1970."
 1. Census districts - California - Los Angeles - Maps. 2. Census
 districts - California - Long Beach - Maps. 3. Los Angeles, Calif. -
 Census - Maps. 4. Long Beach, Calif. - Census - Maps.

[Many other SMSA's are covered by Urban Atlases, pagination differs slightly,
 all 1974 imprint; e.g., "San Bernardino-Riverside-Ontario, California";
 "San Diego, California"; etc. See Monthly Catalog, Supt. of Docs.]

- G Rueger, Henry
 1529 Atlas of the city of Los Angeles / [Henry Rueger]. -- [Los Angeles?]
 L8R83a : Pacific Publishing Co., [1902?]
 1902 [1], 71, [3] leaves of plates : 75 maps ; 46 x 71 cm. Cover title.
 Date from "Henry Rueger, map publisher" labels on inside front cover:
 [Spec. "posted to Mch 10th 1902," and "posted to Dec. 16th 1902."
 Coll.] Miscellaneous maps and other information attached to inside front
 cover and verso of some maps. Relevant additions and/or corrections
 pasted over sections of maps.
 1. Real property - Los Angeles - Maps. 2. Los Angeles - Maps.
 I. Title.

[Special Collections also has other editions of the Rueger atlases of the City
 and the City and County of Los Angeles; e.g., 1903, 1904, 1906, 1913.]

- G Realty Map and Ownership Service Company, Los Angeles.
 1529 The new Los Angeles plat book, including Los Angeles proper, Holly-
 L8 wood, Beverly Hills, Sherman, Venice, San Pedro, Wilmington, sub-
 R229n divided portions in the San Fernando Valley and subdivided portions
 1935 in the county of Los Angeles : compiled from the official records /
 by the Realty Map and Ownership Service Co. -- Los Angeles : The
 [Spec. Company, c1935.
 Coll.] ca. 870 p. : chiefly maps ; 66 x 45 cm. Cover title: The new Los
 Angeles plat book, including restrictions.
 1. Real property - Los Angeles region - Maps. 2. Los Angeles re-
 gion - Maps. I. Title: The new Los Angeles plat book, including
 Los Angeles proper, Holywood, Beverly Hills ...

[Special Collections also has other editions of the Realty Map ... Company
 atlases; e.g., San Fernando Valley ed., 1945 & 1953.]

- G
1605
A881
1970
Atlas nacional de Cuba, en el décimo aniversario de la Revolución.
[Elaborado por el Instituto de Geografía de la Academia de Ciencias de Cuba y el Instituto de Geografía de la Academia de Ciencias de la URSS]. La Habana, 1970.
[101, 132, [11] p. (chiefly col. maps) 49 cm. LC 72-654620
Russian ed. published under title: Național'nyĭ atlas Kuby.
1. Cuba - Maps. I. Academia de Ciencias de Cuba. Instituto de Geografía. II. Akademiia nauk SSSR. Institut geografii. III. Title: Național'nyĭ atlas Kuby.
- G
1701
C8A88
1975
Atlas climático de América del Sur = Climatic atlas of South America / preparados bajo la dirección del profesor José A. J. Hoffmann. — Ginebra : OMM, WMO ; Paris : Unesco ; Budapest : Cartographia, 1975-
v. : chiefly fold. col. maps ; 60x43 cm. English, French, Portuguese, and Spanish. "Jointly sponsored by Unesco and WMO."
[Map Lib. has v.1 only]
1. South America - Climate - Maps. 2. Meteorology - South America - Charts, diagrams, etc. I. Hoffmann, José A. J. II. World Meteorological Organization. III. United Nations Educational, Scientific and Cultural Organization. IV. Title: Climatic atlas of South America.
CONTENTS: 1. Mapas de temperaturas y precipitaciones medias : Maps of mean temperature and precipitation.
- G
5321
D2
1975
B638m
Bolivia. Ministerio de Asuntos Campesinos y Agropecuarios. División Suelos Riegos e Ingeniería.
Mapa ecológico de Bolivia, compilado en base al sistema de clasificación de zonas de vida del Dr. Leslie R. Holdridge / Ministerio de Asuntos Campesinos y Agropecuarios, División Suelos Riegos e Ingeniería, con la colaboración de la Organización de los Estados Americanos ; levantaron, Joseph Tosi, Jr., Orlando Unzueta Q., Leslie R. Holdridge, Ascensión Gonzales E. -- La Paz : The Ministry, 1975.
2 v. : ill., maps (some fold. col.) ; 27-29 cm.
The map, in a box, consists of 9 colored sheets (70 x 52 - 70 x 55 cm. fold. to 26 x 18 - 28 x 18 cm.). Scale 1:1,000,000.
CONTENTS: v. 1. Maps.--v. 2. Text (Memoria explicativa), by Orlando Unzueta Q.
1. Botany - Bolivia - Maps. 2. Botany - Ecology - Maps. 3. Life zones - Bolivia - Maps. I. Holdridge, Leslie R., 1907- II. Tosi, Joseph A., Jr. III. Unzueta Q., Orlando. IV. Organization of American States. V. Title.
- G
1842
E13A84
1970
Association pour l'Atlas de la France de l'Est.
Atlas de l'Est, préparé par l'Association pour l'Atlas de la France de l'Est. Strasbourg, Istra, 1970-
1 v. (loose-leaf) maps. (part col.) 38 x 41 cm. LC 72-650068
Continues the association's earlier work: Atlas de la France de l'Est.
1. France - Economic conditions - Maps. 2. France - Social conditions - Maps. I. Title. II. Title: Atlas de la France de l'Est.
- G
1843
A45E3
M364a
1971
Martin, Jean Baptiste
Atlas linguistique et ethnographique du Jura et des Alpes du Nord (Francoprovençal Central) / par Jean-Baptiste Martin et Gaston Tuaille. -- Paris : Editions du Centre National de la Recherche Scientifique, 1971-
[citation continued on next p.]

v. : ill., maps ; 50 cm. -- (Atlas linguistiques de la France par régions). On spine: ALJA.

1. French language - Dialects - Alps, French - Maps. 2. Franco-Provençal dialects - Alps, French - Maps. 3. French language - Maps. I. Tuailon, Gaston. II. Title. III. Series: Atlas linguistiques de la France par régions.

G Potte, Jean Claude

1843 Atlas linguistique et ethnographique de l'Auvergne et du Limousin /
A94E3 par Jean-Claude Potte. -- Paris : Editions du Centre National de la
P85a Recherche Scientifique, 1975-

1975 v. : maps ; 50 cm. -- (Atlas linguistiques de la France par régions). On spine, v.1: ALAL. CONTENTS: v.1. La nature.

1. French language - Dialects - Auvergne - Maps. 2. French language - Dialects - Limousin - Maps. 3. French language - Maps. I. Title. II. Series: Atlas linguistiques de la France par régions.

G Guillaume, Gabriel

1843 Atlas linguistique et ethnographique de la Bretagne romane de l'Anjou
B77E3 et du Maine : atlas linguistique armoricain roman / par Gabriel Guil-
G945a laume et Jean-Paul Chauveau, avec la collaboration de Renée Lagrange-
1975 Barreteau. -- Paris : Editions du Centre National de la Recherche
Scientifique, 1975-

v. : maps ; 50 cm. -- (Atlas linguistiques de la France par régions). On spine, v.1: ALBRAM. CONTENTS: v.1. La flore.

1. French language - Dialects - Anjou - Maps. 2 French language - Dialects - Brittany - Maps. 3. French language - Dialects - Maine, France - Maps. 4. French language - Maps. I. Chauveau, Jean Paul. II. Lagrange-Barreteau, Renée. III. Title. IV. Title: Atlas linguistique armoricain roman. V. Series: Atlas linguistiques de la France par régions.

G Taverdet, Gérard

1843 Atlas linguistique et ethnographique de Bourgogne / par Gérard Tav-
B91E3 erdet. -- Paris : Editions du Centre National de la Recherche Scien-
T198a tifique, 1975-

1975 v. : maps ; 50 cm. -- (Atlas linguistiques de la France par régions). On spine, v.1: ALB. CONTENTS: v.1. Le temps, la terre, les végétaux.

1. French language - Dialects - Burgundy - Maps. 2. French language - Maps. I. Title. II. Series: Atlas linguistiques de la France par régions.

G Simoni-Aurembou, Marie Rose

1843 Atlas linguistique et ethnographique de l'Ile-de-France et de
I3E3 l'Orléanais : Ile-de-France, Orléanais, Perche, Touraine / par
S599a Marie-Rose Simoni-Aurembou. -- Paris : Editions du Centre National
1973 de la Recherche Scientifique, 1973-

v. : ill., maps ; 50 cm. -- (Atlas linguistiques de la France par régions). On spine, v.1: ALIFO.

1. French language - Dialects - Ile de France (Province) - Maps. 2. French language - Dialects - Orléanais, France - Maps. 3. French language - Dialects - Perche, France - Maps. 4. French language - Dialects - Touraine - Maps. 5. French language - Maps. I. Title. II. Series: Atlas linguistiques de la France par régions.

- G
1843
P94E3
B669a
1975
- Bouvier, Jean Claude
Atlas linguistique et ethnographique de la Provence / par Jean-Claude Bouvier et Claude Martel, préf. de Charles Rostaing. -- Paris : Centre National de la Recherche Scientifique, 1975-
v. : ill., maps ; 46 cm. -- (Atlas linguistiques de la France par régions). On spine, v.1: ALP. Errata tipped in: v.1.
1. French language - Dialects - Provence - Maps. 2. Provençal language, Modern - Dialects - Provence - Maps. 3. Franco-Provençal dialects - Provence - Maps. 4. French language - Maps. I. Martel, Claude. II. Title. III. Series: Atlas linguistiques de la France par régions.
- G
1966
E27A88
1972
- Atlas de la emigración España, 1972. -- [Madrid] : Ministerio de Trabajo, Instituto Español de Emigración, Oficina de Estadística, 1973.
92 p. in various pagings : col. maps ; 30 x 34 cm.
1. Spain - Emigration and immigration - Maps. 2. Spaniards in Europe - Maps. I. Spain. Instituto Español de Emigración. Oficina de Estadística.
- G
2055
T628
1976
- Topografisk atlas Danmark : 82 kortudsnit med beskrivelse : English summary / redigeret af Ruth Helkiaer Jensen og Kr. Marius Jensen. -- København : Udg. af det Kongelige Danske Geografiske Selskab, i kommission hos C. A. Reitzels, 1976.
192 p. : ill., maps (chiefly col.) ; 34 cm. -- (Atlas over Danmark, serie II, bind 2). English "summaries": p. 182-190. Bibliography: p. 178-179.
1. Denmark - Maps, Topographic. 2. Faroe Islands - Maps, Topographic. 3. Greenland - Maps, Topographic. I. Danske Geografiske Selskab, Copenhagen. II. Jensen, Kr. Marius. III. Jensen, Ruth Helkiaer. IV. Series.
- G
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- Census of India, 1961 : Volume 1, India, Part 9, Census atlas / P. Sen Gupta, map officer ; general direction, A. Mitra. -- [New Delhi : A. Chandra Sekhar], Registrar General & Ex-Officio Census Commissioner of India, [1970?]
xiii, 423 p. : 191 maps (chiefly col.) ; 52 x 41 cm.
Descriptive text for each map on facing leaf. Includes bibliographies.
1. India - Census, 1961 - Maps. 2. India - Maps. I. India (Republic). Office of the Registrar General. II. Mitra, Asok, 1917- III. Sen Gupta, Phularani, d. 1968. IV. Title: Census atlas.
- G
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- Kokudo Chiriin.
The national atlas of Japan / Geographical Survey Institute. -- Tokyo : Japan Map Center, 1977.
[x], 366 p. : chiefly col. maps ; 61 x 43 cm. & 3 overlays (in pocket). "Published both in English and Japanese." A 15-page explanatory pamphlet in Japanese, with title Nihon kokusei chizuchō, is tipped in. Scale of maps varies.
1. Japan - Maps. 2. Japan - Economic conditions - Maps. I. Title. II. Title: Nihon kokusei chizuchō.

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Freeman-Grenville, Greville Stewart Parker
A modern atlas of African history / G.S.P. Freeman-Grenville ;
cartography, E. Hausman. -- London : R. Collings, 1976.
[vii], 63 p. : chiefly col. maps ; 25 cm.
Bibliography: p. 52. ISBN 0860 36 0113 (Hardback)
I. Africa - Historical geography - Maps. I. Title. II. Title:
African history.

G
2770
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Queensland resources atlas / Atlas Steering Committee ; maps prepared
by the Lithographic Section of the Cartographic Branch, Dept. of
Mapping and Surveying. -- Brisbane : State Public Relations Bureau,
Premier's Dept., 1976. ISBN 0 7232 0261 7.
120 p. : ill. (some col.), col. maps : 33 cm. -- (A Queensland
government publication). Steering Committee chairman: E.E. Schaefer.
I. Queensland - Maps. I. Schaefer, E. E. II. Queensland. Department
of Mapping and Surveying. Cartographic Branch. Lithographic Section.
III. Queensland. State Public Relations Bureau.

C.R. "Bob" Krieger, WAML Member, California Department of Transportation,
P.O. Box 1499, Sacramento, CA 95807 has announced the availability of
surplus issues of the following serial title:

California Highways and Public Works

[Sacramento, Division of Highways, 1924-1967.
Title varies. Frequency varies - Bimonthly
from 1947.]

[The following issues are available, many in multiple copies, others are
available in one copy only. CAL TRANS is willing to share these with
libraries to complete their sets. When these are gone, no others will
be available. The title has not been reprinted.]

1931: [monthly] all except Sept.	1951: Jan-Feb/Mar-Apr/Nov-Dec.
1932: [monthly] all except Nov.	1952: Sep-Oct.
1933: [varies] Jan-Feb; Apr; May-Jun; Dec.	1954: Jul-Aug.
1935: [monthly] Jan; May; Jun; Aug thru Nov.	1956: all ex: Jan-Feb/Nov-Dec.
1936: [monthly] all except Apr.	1957: all ex: May-Jun/Nov-Dec.
1937: [monthly] all except Jan.	1958: Jan-Feb/Jul-Aug/Nov-Dec.
1938: [monthly] all except Apr.	1959: all ex: May-Jun/Sep-Oct.
1939: [monthly] all except Sep. & Oct.	1960: all ex: Jul-Aug.
1940: [monthly] Feb; Aug thru Dec.	1961: all issues available
1941: [monthly] Jul; Aug; Oct; Dec.	1962: all issues available
1947: Jan-Feb.	1963: all issues available
1948: Mar-Apr.	1964: all issues available
1949: Mar-Apr, May-Jun; Jul-Aug; Nov-Dec.	1965: all issues available
	1966: all ex: Jan-Feb.
	1967: Jan-Feb.

PLEASE RESPOND PROMPTLY

U U.S. Geological Survey. Geologic Folios.

The University of Oregon Map Library has a large collection of USGS Atlas Folios which were issued from Washington, D.C. from 1894 to 1946, Nos. 1 - 227. We would like to donate these for cost of shipping-postage. Condition is poor (but readable) to good. Paper is deteriorating, but maps are in good condition. A list of those available will be sent on request. Many are in several copies. Must move or dump by June 1978.

Edward Thatcher
Map Librarian
Condon Hall
University of Oregon
Eugene, OR 97403

A South Appalachian Region

I will send upon request, copies of:

The South Appalachian region, by J. A. Maher & Co., comp. from the maps of the U.S.G.S. and other authentic sources. 5 miles to 1 inch. 1890.

David Lundquist
Map Librarian
University Library
University of California
Davis, CA 95616

S Sanborn Fire Insurance Maps

The following duplicates are by courtesy of the UCLA Map Library, and are available to Institutions (as first priority) that presently have partial holdings, or where these will complement holdings; requests should cite justification:

CONNECTICUT: Meriden, Feb. 1917, pp. 55 & 56 Add'l. Sheets.
Waterbury, Apr. 1921, p. 79 New Sheet.

~~INDIANA: Carthage, Mar. 1916, pp. 3, 4, 5. !Claimed-Not Available!~~

NEBRASKA: Grand Island, Dec. 1924, pp. 26 thru 31.

NEW MEXICO: Deming, Mar. 1917, pp. 6, 7, 8.

NEW YORK: Boro' of Queens, Vol. 8 (1923), pp. 69 thru 72, 79, 80.
(These are "skeleton", uncolored base maps.)

OHIO: Dayton, Dec. 1916, Vol. 2, Add'l. Sheet #100.
Hudson, Nov. 1916, pp. 4 thru 7.

OKLAHOMA: Miami, Jul. 1924, pp. 7 thru 17.

SOUTH CAROLINA: Georgetown, Dec. 1924(c1925), Index sheet.

TENNESSEE: Nashville, May 1921, Vol. 4, New Sheets & Add'l. Sheets:
553(87); 558(93); 562; 564 thru 580.

Contact: Stanley D. Stevens
Map Librarian

University Library, University of California, Santa Cruz, CA 95064.

EXHIBITIONS OF CARTOGRAPHY

AOTEAROA TAKES SHAPE: An exhibition of maps and charts from the collection of the Alexander Turnbull Library illustrating the supposed great southern continent and the destruction of this myth and the emergence and mapping of New Zealand.

Alexander Turnbull Library (National Library of New Zealand) Wellington
March through to May 1977

[A mimeographed catalogue, describing thirty-four maps and charts, by P. L. Barton, Map Librarian, Alexander Turnbull Library.]

[From the Introduction:]

"Greek geographers thought that there must be a large continent in the southern hemisphere to counterbalance the land masses of Europe, Asia, and Africa in the northern hemisphere. This southern land mass appears on the world map of Claudius Ptolemy (fl.87-150 A.D.) and the theory persisted. The invention of printing spread the concept and the continent became widely accepted and appeared on world maps. A misinterpretation of the published accounts of the travels of Marco Polo gave additional credence to the theory.

Improvements in sailing vessels, seamanship and navigation in Europe coupled with a thirst for geographical knowledge created the right conditions for exploration of the globe. The discoveries of Dias, Magellan, Tasman and Cook disproved the theory of the great southern continent. New Zealand was (first discovered by Polynesians) rediscovered by Tasman, mapped by Cook and finally assumed its present form on the world map. This discovery was made as part of the search for the great southern continent.

The exhibition of maps from the map collection of the Alexander Turnbull Library endeavours to convey these geographical concepts and New Zealand's birth.

Acknowledgement is made to the Wellington Harbour Board Museum for the loan of instruments. The exhibition and the text of this catalogue are the work of the Map Librarian, Mr. P.L. Barton.

J.E. Traue
 Chief Librarian."

MAPS: THEIR SCIENCE AND THEIR ART.

An exhibition in Gallery 77 of the Museum of Natural History, New York City, June, July, to August 6, 1977.

Many delegates to the Annual Meeting of Special Libraries Association, Geography and Map Division, in June, delighted in viewing this fine exhibit. An isometric map of central Manhattan, created by Anderson Isometric Maps, New York, was one of many maps depicting New York City from earliest times. The Anderson map depicts each building, drawn at the same theoretical distance, in the style of Bollmann.

A beautiful exhibition, created by the museum's director of exhibitions and graphics George Gardner, for which no catalog was available during the time of our visit. If any reader knows of one, please report via The Editor and it will be reported in Reference Round-Table.

Thanks to Larry Cruse, Univ. of Calif. San Diego, for citations above.

TAKING THE MEASURE OF THE LAND: CARTOGRAPHIC IMAGES OF THE UNITED STATES,
1769 TO THE PRESENT

43

U.S. National Archives and Records Service, Washington, D.C.
August 8 through November 30, 1977.

Historic maps and other cartographic materials produced by Americans who charted the expanse of the present-day United States were displayed at the National Archives.

Twenty-two maps representing explorations by Zebulon Pike, John Fremont, William Tucumseh Sherman, and others; 20 photographs, including examples by the renowned Timothy F. O'Sullivan and William H. Jackson; 9 sketches and finished drawings from Western geological surveys; and several historic documents and artifacts were exhibited.

The exhibit honors the 7th International Conference on the History of Cartography which took place in Washington August 7-11. The Archives sponsored the conference with the Library of Congress, Smithsonian Institution, and the Folger Shakespeare Library.

The work of soldiers, explorers, and scientists of government-sponsored expeditions, the maps in the Archives display range from renderings based on sparse information to precise topographic charts obtained through modern technology. The following are some of them:

- An 11-foot ink-and-watercolor rendering of the area north of St. Louis produced by Zebulon Pike's 1805-6 exploration.*
- An 1818 representation of Western America by Surveyor William Rector and topographer Isaac Roberdeau. Omissions include the Great Salt Lake Desert.*
- West Point-trained Stephen Long's widely used map of the High Plains of what are now Nebraska and Colorado. Long based it on his 1819 travels, which led him to describe the region as a great, uninhabitable desert.*
- The report by soldier-explorer John C. Fremont of his travels in the West in the 1840s. His romantic portrayals served to draw masses of people to the West.*
- William Tucumseh Sherman's small hand-drawn maps of the newly discovered goldfields of California in 1848, where he was stationed with the Army.*
- Army Lt. G.K. Warren's proposed rail route to the Pacific. Map historians recognize this 1857 work as the first accurate rendering of the Western United States.*
- Photographs by Timothy H. O'Sullivan and William H. Jackson made during the course of the four major federal government geological surveys of the West following the Civil War.*
- Artifacts include a surveyor's field notebook from the famous Powell Survey of 1869-78, a theodolite for computing latitude and longitude, and a 19th century dry-plate camera.*

The exhibition was organized by the Cartographic Archives Division, NARS, and the Office of Educational Programs.

44 MAPS FOR AN EMERGING NATION: COMMERCIAL CARTOGRAPHY IN NINETEENTH-CENTURY AMERICA.

An exhibition at the U.S. Library of Congress, Washington, D.C., Lower Level Gallery and Ground Floor Corridors, August 8 - October 30, 1977.

This exhibition was held in conjunction with the 7th International Conference on the History of Cartography which convened in Washington, D.C. August 7 through 11.

The exhibition was organized by the Library of Congress Geography and Map Division and the Exhibits Office.

A 72-page catalog, by the name of the exhibition titled above, with 21 black-and-white illustrations, is available for \$5.00. Written by the Chief of the G&M Division, Walter W. Ristow, the catalog itemizes the 112 items in the collection which traces the growth of the United States through the maps, charts, and atlases that were published in the 19th century.

The expansion, settlement and development of the United States from about 1785 to 1900 is depicted through maps, atlases, and globes. Produced by private and commercial cartographers, engravers, and publishers, and later by Federal surveyors and mapping agencies, these maps were used to survey new territories, determine state boundaries, and construct a transportation network of canals, railways, and turnpikes to strengthen commercial and political ties and encourage settlement.

The exhibition also illustrates the changing techniques of American map making and production. Until 1830 maps were produced by copper engravings, a slow and costly process that required highly skilled craftsmen. The invention of lithography during the industrial revolution drastically changed map production by reducing costs and making maps available in large quantities. After the Civil War other technologies like cerography and chromolithography provided inexpensive methods for printing maps and atlases--making them readily available to the average citizen.

The exhibition consisted of 112 items, including early maps of the United States, state maps and atlases, American-made globes, early road maps and guides, canal, turnpike and railroad maps, coastal and navigation charts, town, country and city maps, geology and mining maps, real estate and insurance maps and atlases, panoramic views of American cities, thematic maps, and bicycle maps and guides.

Among the many rare and important maps on display will be William McMurray's 1784 map of the United States, one of the earliest published in the new nation; Christopher Colles' 1789 Survey of the Roads of the United States of America, the first road atlas; John Melish' 1816 Map of the United States, the first large wall map that showed the full expanse of the country from the Atlantic to the Pacific; and a set of celestial and terrestrial globes produced by James Wilson, America's first globe maker.

The exhibit items were selected from the Library's cartographic collection, the largest and most comprehensive in the world, consisting of 3.5 million maps, more than 35,000 atlases, and over 200 globes.

An exhibition created by the National Map Collection, Public Archives of Canada, Ottawa.

"... it is our intention to extend the exposure and enjoyment of the visual heritage entrusted to the Public Archives of Canada. By creating an exhibition of carefully reproduced facsimiles we hope to convey the richness and significance of the originals, while avoiding the inherent risks of displaying originals.

We hope that Arctic Images will reach much broader audiences by travelling to many smaller museums, galleries and community halls. The exhibit is available in three compact and portable parts, each with its own catalogue, and may be booked separately or together as follows:

1. Arctic Images: The Dawn of Arctic Cartography, Fourth Century to 1822.
2. Arctic Images: Pictorial Witnesses, 1819-1854.
3. Arctic Images: The Frontier Photographed, 1860-1911.

I wish to thank Betty Kidd and Lawrence Earl of the National Map Collection, ... for their contributions to the exhibit."

Hugh A. Taylor
Archives Branch
Public Archives

A catalogue, with seven maps in black & white as illustrations, by the above title, written by Kidd and Earl, is available from the Minister of Supply and Services Canada, Cat. No.: SA2-92/1-1977 (ISBN 0-662-00810-3).

The exhibit contains 32 maps, and "copies of most of the maps described in this catalogue are available from the: National Map Collection, Public Archives of Canada, 395 Wellington Street, Ottawa, Ontario, K1A 0N3. If the original is noted to be in another institution, copies should be requested from that institution." A sampling of the exhibit follows:

Aurelius Macrobius: [Hemispherical climatic map of the world, 4th century]
Original: Walters Art Gallery, Baltimore, U.S.A.

Nicolo & Antonio Zeno: Carta da navegar de Nicolo et Antonio Zeni furono in Tramontana Iano. M.CCC.LXXX. (1380)

Johannes Ruysch: Universalior cogniti orbis tabula ex recentibus confecta observationibus, 1508

Bolognino Zaltieri: Il disegno del discoperto della Nova Franza ... Anno M.D.LXVI (1566)

Abraham Ortelius: Typus orbis terrarum, 1570

Gerard Mercator: Septentrionalium terrarum descriptio. Per Gerardum Mercatorem cum privilegio, 1595

John Dee: [A general map of the Arctic regions showing parts of North America, 1582] *Original: Free Library of Philadelphia*

George Beste: [World map showing Frobisher's straits and the Northwest Passage, 1578]

Cornelius Wytfiet; Hessel Gerritsz; William Baffin; Jens Munck; Henry Briggs; Luke Foxe; Thomas James; Robert Dudley; Moses Pitt; Louis Renard; and many others

*Collection for
The History of Cartography*

The French Origin
of the Americas
Maps & Charts
1590 - 1898



An Exhibition - October 24, 1977

Sponsored by

The Patrons of the Library
California State University, Fullerton

THE FRENCH ORIGIN OF THE AMERICAS

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THE PREDOMINANT CULTURES of the Americas originated from the European peoples who discovered, explored and colonized the Western Hemisphere. South America is Spanish and Portuguese, North America is Spanish, French, and English.

The present exhibition, "The French Origin of the Americas," is the last in a series of three exhibitions of maps and charts illustrating the origin of the cultures of the New World. The first exhibition, "The Iberian Origin of the Americas," was held on April 15, 1974 and the second, "The English Origin of the Americas," was held on October 25, 1976.

FRENCH EXPLORATION

In 1524, just two years after Magellan's men completed their famous voyage round the world, Giovanni da Verrazano, an Italian by birth but sailing under the flag of France, sought unsuccessfully a route to Asia through the New World. He followed the coast of North America from what is now North Carolina to Newfoundland.

The interior of North America was extensively explored by Frenchmen, including:

JACQUES CARTIER, beginning in 1534, ten years after Verrazano, explored the Gulf of St. Lawrence and up the St. Lawrence River to an Indian village the site of the present Montreal; he is known as the discoverer of the mighty St. Lawrence;

SAMUEL DE CHAMPLAIN, beginning in 1603, spent years in exploration; in 1603 he founded Quebec, the first permanent French settlement in America; in 1609 with Quebec as a base he explored northern New York down to the lake that bears his name;

FR. JACQUES MARQUETTE, with Louis Joliet, in 1673, floated down the Wisconsin and Mississippi Rivers to the mouth of the Arkansas River and back to Lake Michigan via the Illinois River;

RENÉ ROBERT CAVALIER, Sieur de la Salle, traveled from the mouth of the St. Lawrence River to the mouth of the Mississippi River and reached the Gulf of Mexico on April 9, 1682.

It had become the rule of exploration that new land belonged to the European country whose explorers were the first to see it. When Cartier discovered the St. Lawrence he took possession in the name of Francis I of France and likewise La Salle took possession of the Mississippi Valley in the name of Louis XV of France.

Thus France owned an immense territory in North America. It stretched across much of what is now Canada and down the Mississippi River to the Gulf of Mexico. This territory was called New France, as the territory of Spain was called New Spain and the settlements of the English were called New England.

While the English settlers along the Atlantic coast were building towns and clearing the land, the French were still fur trading and exploring the interior. Thus, although New France was huge, only a few settlements were made. Quebec and Montreal were the only towns worthy of the name; the other settlements were tiny forts along the St. Lawrence River, the Great Lakes and the Mississippi River. By 1750 there was a population of only 80,000 in New France, while in the English colonies there were 1,500,000 people.

FRANCE LOSES NEW FRANCE

Whenever England and France went to war in Europe, their colonists went to war in America. In America, the first three of these wars were named for the king or queen who ruled England at the time. They were King William's War, 1689-1697, Queen Anne's War, 1702-1713, and King George's War, 1744-1748. These wars between the colonists accomplished little.

The fourth war, the French and Indian War, 1754-1763, began in North America. It started because both the French and the English wished to control the rich lands along the Ohio River. The French wanted the land so that they could build a line of forts and trading posts to connect their settlements on the lower Mississippi River with the rest of New France, the English because they did not wish to be hemmed in along the Atlantic coast.

The chief French forts in America were Quebec, built upon rocky bluffs high above the St. Lawrence River, and the great fortress of Louisbourg on Cape Breton Island.

The French and Indian War began May 28, 1754, when George Washington with a group of soldiers attempted to seize the French fort, Fort Duquesne at the fork where two streams join to form the Ohio River; it ended with the Treaty of Paris, February 10, 1763.

By this treaty, France ceded to Great Britain: Canada and all her territory east of the Mississippi River except Isle d'Orleans; Spain which had sided with France in the war, ceded Florida to England; France, to repay Spain for her loss, gave to Spain: New Orleans and the French claims west of the Mississippi River. Thus, France gave up her vast territory in North America, all except her island possessions. 49

On October 1, 1800, by the Treaty of San Ildefonso, Spain, after having held the territory for 38 years, retroceded to France, New Orleans and Louisiana west of the Mississippi River. The exact text of this treaty was unknown until 1820.

LOUISIANA PURCHASE

In the absence of roads, the Mississippi River as a water highway was important to the United States, but it did not own the west bank, nor did it own the important port at the mouth of the river, New Orleans.

In 1803 President Thomas Jefferson purchased from Napoleon, for 60,000,000 francs, New Orleans and the French claims west of the Mississippi River. The United States took possession on December 20, 1803, doubling the area of the country. The Louisiana Purchase, after establishment of the northern boundary with Great Britain on October 20, 1818, and the western boundary with Spain by treaty of February 22, 1819, is shown on Exhibit no. 34.

In 1804 the Territory of Orleans was formed from the southern part of the Louisiana Purchase, and on April 8, 1812 this territory was admitted to the Union as the state of Louisiana, the eighteenth state.

FRENCH INFLUENCE

French customs, language, religion and place-names endure to this day. They are strongest in Canada, in the province of Quebec, and in the United States, in the state of Louisiana.

QUEBEC. Many of the descendents of the original French settlers still live there carrying on the colorful customs and traditions of their ancestors. Five million of the six million residents speak French. On August 26, 1977, the Quebec legislature mandated French as the official language of education, business and government.

STATE OF LOUISIANA. "Louisiana" means the "land of Louis." The French language has been used without interruption to this day. Louisiana law is based on French law. The names of its counties are the names of the parishes originally set up by the French church. New Orleans is known the world over for its Mardi Gras, a French carnival. There is also French influence in northern New York.

PLACE-NAMES. The large territory once held by France is remembered in many French place-names: in the United States especially in the states of the upper Mississippi Valley, Lake Champlain, and in Illinois, the cities of Joliet and La Salle named for the famous French explorers; Vermont is a French word meaning "green mountain."

MAPS AND CHARTS

The exhibits are cartographical illustrations to this text. There are twenty-one maps and charts of all or part of New France by some seventeen different map makers.

R.V.B.

E X H I B I T S

FRANCE

- 1 - Ortelius, Abraham, 1527-1598. "Gallia Vetvs ad Iulij Caesaris commentaria, ex conatibus geographicis Abrah. Ortelij, 1590." (From: *Additamentum IV, Theatri Orbis Terrarum*, Antverpiae: ex Officina Plantiniana, 1590.)
- 2 - Hondius, Henricus, 1597-1651. "Galliae supra omnes in hac forma editiones locu pletissima et exactissima descriptio." Auctore Henrico Hondio. (Amstelodami, apud H. Hondium anno 1631. From: Gerardi Mercatoris et I. Hondii, *Atlas ou Representation du Monde Universel*, Amsterdam: chez Henry Hondius, 1633.) There is considerable detail with many place-names.
- 3 - Visscher, Nicolas II, 1649-1792. *Galliae seu Franciae Tabula*, . . . Per Nicolaum Visscher, O. El [Ellinger] invent., G. v. de Gouwen fe. Cum privilegio ordin: general: Belgii Foederati. Since privilege was received by Visscher in 1682 it is concluded that this map was published either in that year or shortly thereafter. ([Amsterdam: Nicolas Visscher II, ca. 1682.]

- 4 - *Plan Panorama de la ville de Paris ou guide des ètrangers garanti complet.* (Paris: I. Allemand, 1845.) A folding pocket map, here unfolded, worn from considerable use.

NEW FRANCE

- 5 - Coronelli, Vincenzo Maria, 1650-1718. *Partie Occidentale du Canada ou de la Nouvelle France . . . avec la Louisiane nouvellement decouverte etc.* Par le P. Coronelli cosmographe de la serme. Repub. de Venise. Corrigée et augumentée par le Sr. Tillemon . . . (Paris: chez J. B. Nolin . . . Avec privilege du roy, 1688.) There are many text inscriptions including notes as to the explorations of Marquette and Joliet and La Salle.
- 6 - Mortier, Pieter, 1661-1711. "Le Canada ou partie de la Nouvelle France, contenant la terre de Labrador, la Nouvelle France, les isles de Terre Neuve, de Nostre Dame &c." (Amsterdam, chez Pierre Mortier, avec privilege [1692]. From: *Atlas Nouveau* par Sr. Sanson. Paris: chez Hubert Jaillot, vol. 2, 1692.) This map is a copy by Pieter Mortier of a Sanson map; it was engraved and published in Amsterdam, "Paris" on the title page of the *Atlas* was only for sales promotion.
- 7 - Vooght, Claes Janzoon, died 1696. "Pas-kaart vande Zee-Kusten van Terra Nova met de byleggende Zee-Kusten van Francia Nova Canada en Accadie van C. de Sables tot de mond vande Straad Davids toe Door Vooght geometra." (Amsterdam: Johannes van Keulen, from: *De Niewe Grootte Lightende Zee-Fakkell*, part IV, 1702.)

Shows Terra Nova (Newfoundland) and the fishing banks. France, by the Treaty of Paris 1763, retained fishing rights and two small islands just south of Newfoundland, St. Pierre and Miquelon.
- 8 - Delisle, Guillaume, 1675-1726. *Carte du Canada ou de la Nouvelle France et des Decouvertes qui y ont été faites . . .* Par Guillaume Delisle. (Paris: chez l'auteur sur le Quay de l'Horloge a l'Aigle d'Or. avec privilege . . . 1703.) Third state of the plate. The first printed map to show Detroit, only two years after the founding of that village by Cadillac. Based on the work of Franquelin Joliet and the Jesuits.
- 9 - Delisle, Guillaume, 1675-1726. *Carte de la Louisiane et du Cours du Mississipi.* Dressée sur un grand nombre de memoires entrauu tres sur ceux de Mr. Le Maire par Guillaume Delisle . . . (Paris: chez l'auteur le Sr. Delisle sur le Quay de l'Horloge avec privilege du roy, Juin 1718.) Inset: "Carte Particuliere des Embouchures de la Rivie S. Louis et de la Mobile."

The first detailed map of the Gulf region and the Mississippi, the first to show the land routes of the earlier centuries - De Soto in 1539 and 1540 and his successor Moscoso in 1542, Cavalier in 1687, Tonty in 1702 and the routes of Denis in 1713 and 1716.

"One of the most important mother maps of the North American continent." William P. Cumming.

This map had political implications outraging the English by laying claim to Carolina, [translated] "so named in honour of Charles 9th by the French who discovered it and took possession, and established themselves in 15.. ." and, as a further insult, "Charles Town [Carolina] named by the French Charlefort."

- 10 - Châtelain, Henry Abraham, 1684-1743. "Carte de la Nouvelle France, où se voit le cours des Grandes Rivieres de S. Laurens and de Mississipi adjourd'hui S. Louis." (From: *Atlas Historique* par Mr. C. [anonymous], vol. 6. Amsterdam: chez l'Honoré and Châtelain, 1719.) There are three insets: "Les costes de la Louisiane . . ." [upper left]; "Les environs de Quebec . . ." and "Veue de Quebec." [lower right].
- 11 - Moll, Herman, died 1732. *A New Map of the North Parts of America claimed by France under ye names of Louisiana, Mississippi, Canada and New France with ye adjoining territories of England and Spain.* By H. Moll Geographer, 1720. ([London:] Sold by H. Moll . . . Tho. Bowles . . . John King. . . and John Bowles. . .) With insets: view "The Indian fort Sasquesahanok" and maps, "The Harbour of Annapolis Royal" and "A Map of ye Mouth of Mississippi and Mobile Rivers &c." The areas claimed by France are indicated by blue outline color.
- 12 - Senex, John, died 1740. "A map of Louisiana and of the River Mississippi." (From: John Senex, *A new general atlas.* London, 1721.)
- 13 - Delisle, Guillaume, 1675-1726. "Carte du Canada ou de la Nouvelle France et des Decouvertes qui y ont été faites . . ." Par Guillaume Delisle. (Amsterdam: chez Jean Cóvens et Corneille Mortier geographes avec privilege. [1730]. From: *Atlas Nouveau . . .* par Guillaume Del' Isle . . . Amsterdam: chez Jean Cóvens & Corneille Mortier, 1730.)
- 14 - Lotter, Tobias Conrad, 1717-1777. *Partie Orientale de la Nouvelle France ou du Canada avec l'Isle de Terre-Neuve et de Nouvelle Escosse, Acadie et Nouv. Angleterre avec Fleuve de St. Laurence, représenté par T. Conr. Lotter Graveur et Geogr. d'Augsbourg.* [ca. 1734]. Dressé par Alb. [Albrecht] Charl Seutter, Geogr., Tob. Conr. Lotter, Sc.
- 15 - Bellin, Jacques Nicolas, 1703-1772. *Carte de l'Amérique Septentrionale depuis le 28 degré de latitude jusqu'au 72.* Par M. Bellin Ingenieur de la Marine et du Dépôt des Plans, Censeur Royal de l'Académie de Marine, et de la Societé Royale de Londres. [Paris], 1755. Indicated by symbols are the French forts, the old French forts abandoned, the

English forts and the Spanish forts.

- 16 - Homann, Johann Baptist, 1664-1724. *Amplissimae Regionis Mississippi seu Provinciae Ludovicianaë à R. P. Ludovico Hennepin Francise Miss. in America Septentrionali anno 1687 . . . Nova Tabula edita à Io. Bapt. Homanno S.C.M. Geographo Norimbergae.* Inset view "Catarrhacts ad Niagaram." [1750?]
- 17 - Bellin, Jacques Nicolas, 1703-1772. *Partie Orientale de la Nouvelle France ou du Canada.* Par Mr. Bellin Ingenieur du Roy et de la Marine pour servir à l'Intelligence des affaires et de l'Etat present en Amerique, communiquée au Public par les Heritiers de Homan en l'an 1755. [Nuremberg.]
- 18 - Bellin, Jacques Nicolas, 1703-1772. *Partie Occidentale de la Nouvelle France ou du Canada* par Mr. Bellin Ingenieur du Roy et de la Marine pour servir à l'Intelligence des Affaires et de l'Etat present en Amerique, communiquée au Public par les Heritiers de Homan, en l'an 1755. [Nuremberg]. A map of the Great Lakes.
- 19 - Robert de Vaugondy, Gillis, 1688-1766. *Partie de l'Amérique Septent? [sic] qui comprend la Nouvelle France ou le Canada,* par le Sr. Robert de Vaugondy, Geog? [sic] Ordinaire du Roy. Avec privilege 1755. C. Haussard sculp. Inset map "Supplement pour les Lacs du Canada." Chicago [Chicagou] is located on the west shore of Lake Michigan.
- 20 - Jefferys, Thomas, ca. 1710-1771. *An exact chart of the River Laurence, from Fort Frontenac to the Island of Anticosti shewing the soundings, rocks, shoals, &c. with views of the lands and all necessary instructions for navigating to Quebec.* (London: Printed for Robt. Sayer, 25 May, 1775.) There are two profiles of the coasts and five inset charts, including "A continuation of the River from Quebec to Lake Ontario taken from the original publishd. at Paris by Mr. D'Anville in 1755."
- 21 - D'Anville, Jean Baptiste Bourguignon, 1697-1782. "Partie Orientale du Canada avec le Nouvelle Angleterre, l'Acadie, et la Terre-Neuve, par le S. d'Anville." (Venise, Par P. Santini [Chez M. Remondini, 1776 [i.e. 1784], From: Santini's *Atlas Universel*, 1776 [i.e. 1784]).

QUEBEC, MONTREAL AND LOUISBOURG

- 22 - Fer, Nicolas de, 1646-1720. *Quebec, Ville de l'Amérique Septentrionale dans la Nouvelle France avec Titre d'Eveché, Située sur le Fleuve de St. Laurent . . .* H. v. Loon, fecit (Paris: Chez le Sr. de Fer . . . 1705.) A plan of Sir William Phipp's unsuccessful attack upon Quebec in 1690, with references to locations in the city, and to the 34 English vessels that comprised the expedition, with the 42 boats that made the landing.

- 54 23 - *Plan of the Town and Fortifications of Montreal or Ville Marie in Canada.* ca. 1759. There are five references, including Governor Vandreuil's Palace, keyed to locations on the map. A rare English engraving issued during the French and Indian War.
- 24 - France. Dépôt des cartes et plans de la marine. "Plan de la Ville et du Port de Louisbourg levé en 1756 suivant l'original conservé au Dépôt Général des Cartes, Plans et Journaux de la Marine pour le service des vaisseaux du roi par ordre de M. de Sartine Conseiller d'Etat, Ministre et Secrétaire d'Etat au Département de la Marine. [Paris], 1779" In: *Neptune de l'Amérique Septentrionale*, a collection of French Admiralty charts issued separately assembled in a volume.
- 25 - Larue, A. *Plan of the City of Quebec, drawn and compiled from original plans by A. Larue.* (Quebec: W. Cowan & Son, 1842. Lithographed by Allan & Ferguson, for Robert Weir, wholesale stationer, Glasgow.) There are 51 references keyed to the plan. A pocket map folding into covers 10.7 x 8cm.

NEW ORLEANS

- 26 - Jefferys, Thomas, ca. 1710-1771. *Plan of New Orleans, the capital of Louisiana, with the Disposition of its Quarters and Canals as they have been traced by Mr. de la Tour in the year 1720, with two other maps on the same plate, "The Course of Mississippi River from Bayagoulas to the Sea" and "The East Mouth of the Mississippi, with the Plan of Fort la Balise, which defends the Entrance and Channel of that River."* [London: Thomas Jefferys, 1759.] The first such plan to be published in England. La Tour made this plan only two years after the first settlement by Jean Baptiste de Moyne.
- 27 - Moellhausen, Henry. *Norman's plan of New Orleans & Environs*, 1845. By Henry Moellhausen, Civil Engineer. Engd. by Shields & Hammond. ([New Orleans:] B. M. Norman, 1845.) There is a table of 80 points of interest keyed to locations on the plan. A pocket map folding into covers.

FRENCH AND INDIAN WAR

- 28 - Blodget, Samuel. "A Prospective View of the Battle fought near Lake George, on the 8th day of Sepr. 1755, between 2000 English with 250 Mohawks, under the command of Genl. Johnson & 2500 French & Indians under the command of Genl. Dieskau, in which the English were victorious" ([London: Thomas Jefferys sculp. Samuel Blodget delin, February 2, 1756, with: *The Battle near Lake George in 1755 . . . an explanation thereof.* Facsimile. London: Henry Stevens, Son & Stiles, 1911.)

OTHER FRENCH POSSESSIONS

- 29 - Buache, Philippe, 1700-1773. *Carte de l'Isle de la Martinique, colonie Françoise de l'une des Isles Antilles de l'Amérique . . .* Par Philippe Buache. Delahaye sculpsit. (Amsterdam: chez Jean Cövens et Corneille Mortier geographes [1733].)
- 30 - Chevalier de Mareéchais. *Plan of the Town of Cayenne and Fort St. Michael.* Drawn by the Chevalier de Mareechais. T. Jefferys sculp. (London: Thomas Jefferys, 1760.) The first French settlement in French Guiana was at Cayenne in 1604.

TREATY OF PARIS 1763

- 31 - Bowen, Emanuel, died 1767. *An accurate map of North America describing and distinguishing the British and Spanish Dominions on this great continent according to the Definitive Treaty concluded at Paris 10th Feby. 1763.* Also all the West India Islands belonging to and possessed by the several European Princes and States. The whole laid down according to the latest and most authentick improvements by Eman. Bowen Geogr. to His Majesty and John Gibson engraver. (London: Printed for Robert Sayer, No. 53 Fleet Street . . . 2nd July, 1772.)

The text on the map includes eight paragraphs of the Treaty (Articles IV, V, VI, VII, IX, XVII, XVIII and XX), also, "The Province of West Florida," "The Province of East Florida" and "The Province of Quebec," and other descriptions.

There are two inset maps: "A particular map of Baffin and Hudson's Bay," at the upper left and "The Passage by Land to California discovered by Father Eusebius Francis Kino a Jesuit between the years 1698 and 1701 . . ." at the lower left.

The map has been cut into sections and mounted on cloth. It folds to ca. 25 x 15cm into an open end case.

STATE OF LOUISIANA

- 32 - Colton, George Woolworth, 1827-1901. "Louisiana" [state], copyrighted 1854. (New York: J. H. Colton and Company. From: *Colton's Atlas of the World*, 1856.)

AMERICA

- 33 - Bowles and Carver (firm), fl. 1794-1798. "Bowles's new one sheet map of America divided into its kingdoms, states, governmths. and other sub-

divisions, laid down from observations of the most celebrated geographers." (London: Bowles & Carver, from: *Bowles's Universal Atlas*, ca. 1794). At the lower left there is a table listing the areas of the continent and the islands possessed by the Americans, the Natives, and the several European Powers. France's possessions in North America are fishing rights and islands and in South America Cayenne [French Guiana].

LOUISIANA PURCHASE

- 34 - "Territorial Growth of the United States." (In: Binger, Hermann, *The Louisiana Purchase and our title west of the Rocky Mountains*, Washington: Government Printing Office, 1898.)

N O T E

The above typescript, here published in *WAML Information Bulletin*, v. 9, no. 1, is the same as the text of the fine press edition which is printed on Curtis Rag paper with nine reproductions of maps exhibited.

A list of the exhibition catalogs of the COLLECTION FOR THE HISTORY OF CARTOGRAPHY, of which this is no. 6, is given on page 11, together with directions for procuring them.

COLLECTION FOR THE HISTORY OF CARTOGRAPHY, a Special Collection of the Library, had its beginning on October 22, 1971. It is a collection of pre-1901 maps and charts with support reference. Exhibitions have been held in the University, as follows:

- 1) California & Other Early Maps Illustrating the History of Cartography, 1375-1873, November 19, 1971;
- 2) Noteworthy Maps & Charts, A.D. 1513-1774, March 27, 1973;
- 3) The Iberian Origin of the Americas, Maps & Charts, A.D. 1513-1851, April 15, 1974;
- 4) British Battle Plans, Maps & Charts of the American Revolutionary War, 1775-1793, October 20, 1975;
- 5) The English Origin of the Americas, Maps & Charts 1486-1808, October 25, 1976;
- 6) The French Origin of the Americas, Maps & Charts 1590-1898, October 24, 1977.

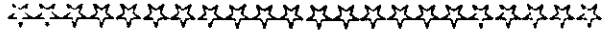
For each of these exhibitions a press printed catalog was published, sponsored by the Patrons of the Library. The first was printed by Grabhorn Hoyem of San Francisco, the fourth by Plantin Press of Los Angeles, and the others by Premier Printing Corporation/Sultana Press of Fullerton. The last three are printed on Curtis Rag paper; all are illustrated with reproductions of maps.

CHC will send, gratis, to any library making a request to the curator on its official stationery, such catalogs as are required to complete the library's holdings, the first, however, is out-of-print. CHC will also send future catalogs, as published, to any library requesting this service and supplying permanent mailing directions.

CALIFORNIA STATE UNIVERSITY, FULLERTON
COLLECTION FOR THE HISTORY OF CARTOGRAPHY
The Library, Room 531-D. P.O. Box 4150, Fullerton, Calif. 92634

Ernest W. Toy, Jr., Director of the Library
Linda E. Herman, Special Collections Librarian
Roy V. Boswell, Curator of the Collection (CHC)

EXCERPTS FROM EXCHANGE PUBLICATIONS



Australian Map Curators' Circle P.O. Box E 133, Canberra, A.C.T. 2600.

Newsletter 5, July 1977:

AMCC / NLA PUBLICATIONS

"Two works are issued this month by the National Library, on behalf of the AMCC. Orders are now being accepted, but please note that there is a different address for each of the two publications: use AMCC P.O. Box for the Proceedings and the NLA Sales and Subscription Unit for the Directory.

1973 PROCEEDINGS (REPRINT):

Proceedings of the Map Keepers' Seminar and Workshop held at the National Library of Australia, 12-13 April 1973

This was the first seminar of map curators to be held in Australia, and the proceedings include papers which discuss many of the problems fundamental to map librarianship, from cataloguing and classification, storage and conservation, to the identity and aims of the map librarian. The seminar was memorable, too, for the foundation of the Australian Map Curators Circle.

\$2.00 Aust.

Business Manager, AMCC
P.O. Box E 133
CANBERRA, A.C.T. 2600.

DIRECTORY OF MAP COLLECTIONS IN AUSTRALIA, 2nd edition.

Compiled and edited by N. M. Rauchle and P. A. G. Alonso.

Most AMCC members will be familiar with the first edition of the Directory (1974). The second edition has extended this work to include not only additional map collections but also a separate section on Australian map publishers. ...

\$4.50 Aust.

Sales and Subscription Unit
National Library of Australia
CANBERRA, A.C.T. 2600."

[A review copy has just arrived;
see comments in Acquisitions
Round Table, Item # 9, this issue.]

The SIXTH ANNUAL CONFERENCE OF THE AUSTRALIAN MAP CURATORS' CIRCLE is to be held February 15, 16, 17, 1978 at the Department of Geography, University of New England, Armidale, N.S.W.

Program: E. McLay - A system of map cataloguing suitable for smaller resource centers.

J. Cameron - Promoting the use of maps in schools.

R. Clivas - Commercial map production.

R. Boskovic - The New England Atlas.

H.P. Cornelius - Education for map librarians.

J. Fox - Maps as National images.

M. Bowen - Historical Cartography: Alexander von Humboldt and his American maps.

A.D. Jones - Technological changes in map making and the map librarian.

J. Atchison - Toponymy in Australia: a saga of lost opportunities.

This issue consists of the proceedings of the AMCC's Fifth Annual Conference held at the Department of Geography, University of Newcastle, 16-18 February 1977.

In addition to the proceedings, a complete list of members of AMCC is included. The Editors of this issue are Elizabeth Ellis and Gillian Martin.

CONTENTS: Preface; Participants 1977 AMCC conference; Opening Address, by Dr. G. Chandler.
Welcoming address: "Maps and the community" - Prof. K.W. Robinson
"The Verbiest map" - Gillian Martin
"The computer and map compilation" - J.G. Fryer
"Problems and benefits of computer mapping" - Cyril B.J. Catt
"Field excursion to the Hunter Valley" I: Audio-visual considerations of selected phenophases in 'vitis vinifera' - Graham McIntyre; II: The Hunter Valley wine industry - G.R. Kaye
"Digital mapping - a means to several ends" - R.G. Bridge
"The compilation of nautical charts of Australia - past, present and future" - B. Leonard; delivered by R. Furness
"ISBD (CM) - International Standard Bibliographic Description for Cartographic Materials" - Gillian Martin
"Mapping scenery" - W. Jonas
"Progress report on ANCIS" - Dorothy Prescott (*A brief outline of progress on the Australian National Cartographic Information System is given in the report on the Business Meeting.*)
"Report on Business Meeting, 1977 AMCC conference" - Elizabeth Ellis
"Draft constitution for Australian Map Curators Circle"
"AMCC membership 1976-1977"

Australian Map Curators Circle, P.O. Box E 133, Canberra, ACT 2600, Australia.

GEOSCIENCE INFORMATION SOCIETY GIS NEWSLETTER. Published bi-monthly. No. 48, October 1977.

This issue includes an article by Harriet E. Wallace on the history, purpose, organization, membership, publications, and future meetings of GIS.

Any person, institution, or other organization interested in the purposes of the Society and whose professional activities are related to geoscience may become a member upon payment of the dues (\$12. personal; \$25. institutional). Currently there are about two hundred members in the Society. Write to: Secretary, Geoscience Information Society, c/o American Geological Institute, 5205 Leesburg Pike, Falls Church, Virginia 22091.

ASSOCIATION OF CANADIAN MAP LIBRARIES / BULLETIN No. 24, March 1977

Frances M. Woodward has compiled a comprehensive index to the ACML Bulletin (entitled Newsletter through No. 15) covering No. 1 (1968) through No. 22 (Oct. 1976).

The lead article in this issue is "Marginal Information on Maps" by F.J. Ormeling and E.H. van de Waal, Cartographic Department, Geographical Institute, State University at Utrecht. It is primarily a statement of the need for and the standards that should be met for cartographic materials.

CZECHOSLOVAKIA. Catalogue of Cartographic Publications. Kartografie (Cartographic Publishing House.) Prague, Czechoslovakia.

The exporting of Czechoslovak map works to foreign countries is realized by means of ARTIA, Foreign Trade Corporation, Ve Smečkách 30, Prague 1, Czechoslovakia

Atlases, collection of Czech maps of foreign countries, road maps of the CSSR and neighbouring countries (English, German and French simultaneous edition) at 1:750,000 and 1:200,000, tourist maps, skiing, town plans, thematic maps (e.g., Map of Castles and Mansions in the CSSR, 1:750,000), star maps, historical maps, school maps, relief maps and globes, and a variety of classroom wall-maps are listed in this 1971 catalog (free of charge).

Except for Town Plans, where no scale is indicated, the most detailed maps are those in the Tourist Maps section; i.e., 1:100,000. Individual tourist maps cover certain parts of the Czechoslovak territory and represent both tourist points of interest, areas of regional places of interest and other tourist areas. Some local points of interest are presented in insets at larger scales.

BELGIUM. Catalogue des Cartes, Photos Aeriennes, et Publications. L'Institut Geographique National. Service de la Documentation et de Vente, Abbaye de la Cambre 3, 1050 Bruxelles. CATALOGUE 1977.

This catalogue is accompanied by a *Tableau D'Assemblage des Cartes Topographiques de la Belgique, Situation au 31-12-1976 et Previsions pour 1977*. This graphic index indicates coverage of the various topographic series @ 1:10,000 - 1:25,000 & 1:50,000.

The catalogue itemizes all of the topographic series, the "Cartes Generales", and among the "Cartes Diverses" we find *Cartes de la Forêt de Soignes, Carte géologique au 1:160,000, Cartes de l'Antarctique, Cartes de l'Afrique Centrale, and Facsimilés de cartes anciennes.*

HUNGARY. Cartographia. Catalogue, September 1977. Cartographia, P.O. Box 132, Budapest, XIV.

The preface to this catalogue, by Dr. Hegyi Gyula, emphasizes that Cartographia prints 3 to 3½ million maps each year. Five or six new maps, and 25 to 30 revised maps, are created each year. The firm is 23 years old, and in addition to the many fine cartographic products and services, Cartactual is well known to map reference librarians - published by this firm. Atlases, road maps, city maps, tourist maps, and descriptions of publications produced in cooperation with foreign firms.

BERLIN. Senator für Bau- und Wohnungswesen. Kartenverzeichnis 1976/BERLIN. Senator für Bau- und Wohnungswesen, Württembergische Strasse 6-10, 1000 Berlin 31.

The catalog is accompanied by a price change, dated January 1977, and graphic indexes for topographic maps at various scales; e.g., 1:4,000, 1:1,000, 1:10,000, 1:25,000 that have been updated to March 1977.

AUSTRIA. Freytag-Berndt u. Artaria KG Kartographische Anstalt, Schottenfeldgasse 62, 1071 Wien, Austria. Schulwandkarten, & Freytag-Berndt Gesamtverzeichnis.

These two catalog/brochures describe the entire production of F&B, but no price list was sent with them. Most of the maps are available through Geo-Center, or the wall-maps through Denoyer Geppert. The coverage, of course, is world-wide, not just of Austria.

FEDERAL REPUBLIC OF GERMANY. Falk Verlag. Burchardstrasse 8, 2 Hamburg 1, Federal Republic of Germany. (Also: Berlin, The Hague, London).

The 1977 Preisliste gives the titles, order no., scale, and omits the price. Falk plans are available via Geo-Center, and one might presume the prices are comparable.

GREAT BRITAIN. Geographers' A-Z Map Company Ltd. Vestry Road, Sevenoaks, Kent TN14 5EP, England. A-Z Catalogue, Maps Atlases, Guides.

No date appears on this catalogue, nor the accompanying price list. Street atlases, atlases of London, town maps of major towns, guides, touring maps and street plans. The "Super Scale Map of London" at a scale of 1:7,000 (approx.), is a super map of central London.

GREAT BRITAIN. George Philip & Son, 12-14 Long Acre, London WC2E 9LP, England. George Philip General Catalogue 1977. (also) George Philip Educational Catalogue 1977.

The General Catalogue, which includes prices and is accompanied by a price list correction, cites the RAC Road Maps & Atlases; Business Maps & Atlases; Continental Road Maps & Atlases; General Atlases; & Globes. The Educational Catalogue covers wall-maps and most foreign mapping.

The agents in the U.S., for wall-maps only, are Denoyer-Geppert Co. of Chicago; in Canada, for planispheres only - Planstar Company, North Vancouver, British Columbia; i.e., planispheres being star maps produced by Philips.

GREAT BRITAIN. John Bartholomew & Son Ltd.

The exclusive dealer in the U.S. for Bartholomew products is the American Map Company, Inc., 1926 Broadway, New York, NY 10023. Therefore, an inquiry to Bartholomew will bring a response from American. The Travel Map Catalog No. 603, with a Supplement No. 603-A, June 1, 1977, notes all of the Bartholomew line, as well as maps produced by PHILIPS, FAIREY, HALLWAG, FIRESTONE, PATRIA, CARTA, MAIRS, BRITISH ORDNANCE SURVEY, GOUSHA, CREATIVE MAP SALES LTD., and others.

AUSTRALIA. Gregory's Guides and Maps, 142 Clarence Street, Sydney 2000, Australia. Gregory's Catalogue / Maps Guides Directories; the official list for all Gregory's products.

Street maps, district road maps, guide books.

NEW ZEALAND. N.Z. Department of Scientific and Industrial Research, Geophysics Division. List of Gravity and magnetic maps, Wellington, September 1977. P.O. Box 1320, Wellington, New Zealand.

CZECHOSLOVAKIA. Slovenská Kartografia. Pekná Cesta 17, Bratislava, Czechoslovakia. Publishing Programme. 1975.

Slovenska Kartografia, Bratislava is a complex publishing and producing enterprise. Its main objective is to publish two-dimensional maps and atlases, and three-dimensional plastic relief maps, models, and globes, as well as other cartographic works.

Its products are exported by Slovart, Foreign Trade Corporation, Leningradska 10, Bratislava.

THE NETHERLANDS. Topografische Dienst, Catalogus van kaarten uitgegeven door-Topografische Dienst, Postbus 145, Delft, The Netherlands.

This October 1975 edition came with an April 1, 1977 price list and new, updated graphic indexes to the 1:25,000 & 1:50,000 topographical series.

In addition to coverage of The Netherlands in various scales and thematic maps, the Dutch possessions in the Caribbean and South America are listed.

GERMAN DEMOCRATIC REPUBLIC. VEB Hermann Haack, Geographisch-Kartographische Anstalt, Gotha 58, German Democratic Republic.

Wandkarten : Wall Maps : Cartes Murales : Mapas Murales. This eight-page brochure, 1977, lists the famous Haack wallmaps, which are available in the U.S. through Denoyer-Geppert Company of Chicago. The brochure notes that Haack is converting to a synthetic paper (Hekosyn) and will no longer print on paper.

A brochure describing the Atlas Deutsche Demokratische Republik, published in 1976-1978 by Haack and the Academy of Sciences of the GDR. This atlas was scheduled to be published in two parts

AUSTRIA. Verlags-Verzeichnis des Bundesamtes für Eich- und Vermessungswesen in Wien (Landesaufnahme), Krotenthallergasse 3, 1080 Wien VIII, Austria.

The 1977 edition of this catalog is accompanied with a Preisliste der Offiziellen Karten, which is essential since the catalog bears no cost information. All the topographical series are described with graphic indexes.

FEDERAL REPUBLIC OF GERMANY. BAVARIA (BAYERN). Kartenverzeichnis. 1977. Bayerisches Landesvermessungsamt, Alexandrastrasse 4, 8000 München 22.

This illustrated catalog also serves as a current price list; an accompanying graphic index cites coverage for topographical series 1:50,000, 1:25,000, 1:100,000, 1:200,000, and 1:500,000. Facsimiles of old maps are also available; e.g., München 1806 & 1812, 1826. These are offset photo-reproductions of early Bavarian cities, ranging from 1523 to 1855.

FEDERAL REPUBLIC OF GERMANY. SAAR (SAARLAND). Kartenverzeichnis. 1977. Landesvermessungsamt des Saarlandes, Neugrabenweg 2, 66 Saarbrücken 3.

Accompanying the basic catalog are updated graphic index sheets for aerial photography 1976/77, and topographical quads, Jan. 1, 1977.

CANADA. Canada Map Office. Surveys and Mapping Branch. Department of Energy, Mines and Resources. Ottawa, Canada, K1A 0E9. (615 Booth Street)
Index 1, Index 2, Index 3. National Topographic System Maps of Canada.
MCR 2035, MCR 2036, MCR 2037 respectively - all dated March 1977. *free*

The Canada Map Office has distributed its three new indexes, with the announcement that it " ... is pleased ...". Well, that might be a polite way of making the announcement, but this recipient is very much pleased. The Canada Map Office can take pride in this new product. It is proof that the managers of this program do take the user into consideration. The old set of indexes were a jumbled mess, for which one had to have a home-devised-remedy of numbered indexes, just to use the indexes. The new ones, in contrast, display all scales on one sheet. The three indexes overlap each other; the crucial #1 and #2 indexes, which cover practically all of Canada except the Northwest Territories, overlap eight-degrees. Scales of 1:1M, 1:250,000, 1:500,000, 1:50,000, and 1:25,000 are all represented with graphic indexes; lists of special purpose maps, National parks, replicas of historic Canadian maps, general maps, and ordering instructions fill-out these attractive, well-designed, and informative catalogs.

MEXICO. Instituto Panamericano de Geografia e Historia. Catalogo de Publicaciones. 1975.

MEXICO. Secretaria de Agricultura y Recursos Hidraulicos. Direccion General de Geografia Y Meteorologia. Catalogo de Publicaciones, 1976.
Av. Observatorio No. 192, Tacubaya 18, D. F., Mexico

The catalog cites the various map series, and the prices, and terms of sale; Atlas Geografico de la Republica Mexicana; Carta General de la Republica Mexicana 1:500,000; Editions 1958 & 1949, 1945; Cartas del Golfo de Mexico @ 1:100,000; Cartas Murales @ 1:2M. Also available at the Map Sales Office is the publication: "Normales Climatologicas 1941-1970", supplemented by electronic procedures (\$200. Mex.).

CHILE. Instituto Geografico Militar. Catalogo de Mapas, Cartas y Fotografias Aereas para la venta. n.d.

The topographic series @1:250,000 current price is \$3.00 U.S. each (Air Freight), and the 1:500,000 series at \$4.00 each US. (Air Freight).
PREPAY.

CALIFORNIA. Division of Mines and Geology. List of Available Publications. 1977. P.O. Box 2980, Sacramento, CA 95812 *free*

Dealers' Catalogs (next page)

BOURCY & PAULUSCH. Vienna, Austria. List 124. March 1977.

64 General works on geography, history, & history of civilization.

MONK BRETTON BOOKS. 1 Dale Ave., Toronto, Canada M4W 1K2
Catalogue Two: The New World / Books & Maps. July 1977.

This catalogue describes 414 books, pamphlets and maps published between 1528 and 1973 which relate to the Americas. Books about Canada and the West Indies predominate. Design, printing, and paper made this a splendid catalogue.

WALTER REUBEN, INC. Suite 410, American Book Tower, Austin, Texas 78701
Catalogue 26. Summer 1977. Old and Rare Maps.

OLD AUTHORS FARM. Morrisburg, Ontario, Canada K0C 1X0
List 259. Newsprint list of some Canadian facsimiles and general second-hand books; ca. 1000 items.

OLD PRINT GALLERY, INC. 1212 31st N.W., Washington, D.C. 20007
"Showcase", Sept. 1977. 54 maps, each illustrated, 1570 - 1850, chiefly sections of No. America.

W. GRAHAM ARADER III. 1000 Boxwood Ct., King of Prussia, Pennsylvania 19406
(note the new address)
Catalogue 13: Maps & Views. June 1977.

THE ARTHUR H. CLARK CO. P.O. Box 230, Glendale, California 91204 (1264 S. Central Ave.)
List 9465 (July 1977) Misc. maps, etc.

CUMMING ATLAS REPRINTS. Box 23, Stratford, Ontario Canada N5A 6S8
Historical County Atlases of Ontario (July 1977)

RICHARD "DICK" HANSEN 12410 Airport Rd., Auburn, CA 95603
California - Maps, Charts, Books (July 1977)

MIKA PUBLISHING CO. P.O. Box 536, Belleville, Ontario, Canada K8N 5B2
Catalogue 8: Canada. Local histories & atlases.

CAPT. K.S. KAPP Box 121, North Bend, Ohio 45052
Catalogue XIV: Antique & Decorative Maps.
876 items, incl. 429 of U.S. & No. America.

ELIZABETH F. DUNLAP 6063 Westminster Place, St. Louis, MO 63112
List 29-M Maps of North American interest. 296 items.

CEDRICH ROBINSON 597 Palisado Ave., Windsor, CT 06095
Catalogue 129: American Travel
Includes guides and pocket maps; 783 items.

MEXICAN BOOK SERVICE. St. Peters, PA 19470
List 377 includes novelty maps of various cities & areas in Mexico.

HISTORIC URBAN PLANS Box 276, Ithaca, New York 14850
Catalog 20: Historic City Plans and Views. 1978.

65

RUDOLF MULLER INTERNATIONAL BOOKSELLERS BV P.O. Box 9016, Amsterdam, Holland
Catalogue No. 4/77: Books on Cartography and related subjects, published
and forthcoming titles, selected stocklist, maps and atlases. (76 items)

Catalogue No. 1/77: Books on Cartography, published and forthcoming titles,
selected stocklist, maps and atlases.

LÜDER H. NIEMEYER, buch- und kunstantiquar, P.O. Box 493, D-53 Bad Godesberg,
West Germany.

Lists of various Western Hemisphere areas in facsimile and original

STANLEY GIBBONS AUCTIONS LIMITED Drury House, Russell St., London WC2B 5HD,
England

Sale Catalogue 5466: Antique Maps & Atlases of the World, for sale by
Public Auction on Wednesday 26 October 1977.

316 lots of British Isles, Europe & Middle East, The Americas, Africa,
Asia, Arctic, The World, Sea Charts, Miscellaneous Maps, Atlases, Books.
24 illustrations.

WESTERN ECONOMIC RESEARCH CO. 13437 Ventura Blvd., Sherman Oaks, CA 91423
New 1977-'78 Catalog of Maps, Census Data, Economic Information, Real
Estate Statistics, Zip Codes, Overlays, and other area analysis aids,
for the major urban centers in CALIFORNIA.

A series of six maps depict the Postal Zip Codes for all of California.
The San Francisco Bay Area (13 counties), the Los Angeles region (5 coun-
ties), and the San Diego area (entire County of San Diego) are the three
basic areas for which a series of population-data maps are available.

U.S. GEOLOGICAL SURVEY. (Available via U.S. Government Printing Office,
Washington, D.C.)
Types of Maps Published by Government Agencies.

An 8-page brochure, divided into 16 numbered panels; describes the type
of map, the publishing agency, and the source from whom the map is avail-
able. The last four panels give the publishing and distributing agency
addresses. This is the 1977 edition of a standard brochure.

THE CARTOGRAPHER (Richard B. Arkway, President) 114 East 61st St., New York,
New York 10021
Catalogue No. VII: Books, Atlases, Maps.

213 items, including a Henry Popple *Map of the British Empire in America*
... 1733. A folio atlas including the key map in color and twenty sheets
\$6500.

TRAVEL CENTERS OF THE WORLD P.O. Box 1673, Hollywood, CA 90028
10,000 Map & Travel Publications; Reference Catalog, February 1977.
(Prices effective until Feb. 1978)
The address of "6311 Yucca, Hollywood, California 90028" is also used
on one brochure.

L.S. STRAIGHT Post Office Box 106, New York, NY 10016
 Catalogue No. 317: Americana (includes Antonio Zatta's America 1778)\$250.
 Catalogue No. 320: Americana

STATE OF IDAHO. TRANSPORTATION DEPARTMENT. P.O. Box 7129, Boise, ID 83707
 Price List of State, County, and City Maps. January 1977. Compiled
 by the Planning Section. (Telephone 384-2569)

C. BROEKEMA, Antiquarian Bookseller and Publisher. 28 Titiaanstraat,
 1077 RH Amsterdam, Holland
 Catalogue 58: Old Maps and Sea Charts of various parts of the World
 (Oct. 1977)

A Peter Goos sea chart of the Pacific (showing California as an Island)
 (Amsterdam, 1668) is offered at about \$300.

WALTER REUBEN, INC. Suite 410, American Bank Tower, Austin, TX 78701
 A Catalogue of Books, Maps, and Documents relating to Texas.
 Catalogue 27. Fall 1977.

Eighty-four pages, offering 105 items. Includes a James Wyld map made
 in London, 1845-1852: "The United States & the Relative Position of
 Oregon & Texas". The Alexander von Humboldt Atlas Geographique et
 Physique du Royaume de la Nouvell Espagne, Paris, 1811-12, is offered
 for \$1250.

W. H. Sandusky's Plan of the City of Galveston Texas (New York 1845)
 is listed at \$3000. Illustrated as item 63.

Disturnell's Mapa de los Estados Unidos de Mejico, (New York, 1847 -
 Ninth Edition) is listed at \$850.

A very interesting and well-researched catalog of interest as a ref-
 erence document on Western Americana.

MAPS UNLIMITED (Edwin A. Ellis) 4-5 Limestone Plaza, Fayetteville, New York
 13066

Mr. Ellis would like the opportunity to serve many libraries, and offers
 the following note:

*"Since our chief business at this time is as a retail outlet for maps and
 related cartographic items from thruout the world, plus a world-wide
 order service and a customizing department to adapt regular maps for
 special uses, we do not issue a catalog.*

*While we do have a collection of older maps, mostly early 20th Century,
 although there are some from 1835 to 1900, it would be difficult to issue
 a catalog, since the coverage is so diverse; (everything from nautical
 charts to farm land ownership atlases)."*

LANE'S REPOSITORY (Lawrence Lane) 1187 Dakota Road, North Brunswick, NJ 08902

List No. 762: California coastal charts by U.S. Coast Survey

List No. 769: California, Nevada and Utah

Cat. No. 780: Florida

List No. 783: A selection of early maps & prints concerning Egypt

Cat. No. 790: Delaware, Maryland and Virginia

Cat. No. 802: The Carolinas and Georgia

Contributions by: MB = Mary Blakeley, Head Map Librarian, University Library, University of Arizona, Tucson, Arizona
PH = Phil Hoehn, Map Librarian, The Bancroft Library, University of California, Berkeley, CA
ET = Ed Thatcher, Map Librarian, University Library, University of Oregon, Eugene, Oregon
EP = The Editor (from material in hand & pub. blurbs)

ARIZONA MB

Arizona Geological Society

Arizona geological highway map. Geologic map, explanation and geologic history of Arizona. Compiled by M. E. Cooley. Tucson, Arizona, 1967.

Scale 1:1,000,000

\$3.00 [Reprinted 1977] Arizona Geological Society, P.O. Box 4584, Tucson, Arizona 85717, ATTN: Mrs. Helen Hauck, Secretary.

Arizona. Highways Division. Photogrammetry and Mapping Services.

Atlas of Greenlee County. Prepared by the Arizona Dept. of Transportation, Highways Division in cooperation with the U.S. Dept. of Transportation, Federal Highway Administration. Phoenix, Dept. of Transportation, 1975. Scales 1:126,720 and ca. 1:25,000.

\$8.50 Arizona Department of Transportation, Administrative Section, 206 South 17th Avenue, Room 134, Phoenix, Arizona 85007.

Brown, David Earl

Drainage map of Arizona showing perennial streams and important wet lands. Compiled by D. E. Brown, N. B. Carmony and R. M. Turner. Printed by Arizona Game and Fish Department, 1977

Scale 1:1,000,000

Free. Arizona Fish and Game Department, 415 West Congress, Tucson, AZ, 85713.

Levings, Gary W

Maps showing ground-water conditions in northern part of the Chinle area, Apache County, Arizona - 1976. Tucson, Arizona, Water Resources Division, U.S. Geological Survey in cooperation with Arizona Water Commission, 1977. (U.S. Geological Survey. Water Resources Investigations 77-35. Open File Report)

Scale 1:250,000.

Free. U.S. Geological Survey, Water Resources Division, Federal Building, 301 West Congress, Tucson, Arizona 85701.

Marirosian, Charles A

Mining districts and mineral deposits of Arizona (exclusive of oil and gas). 2nd edition. Albuquerque, New Mexico, 1977.

Scale 1:1,000,000.

\$30.00 Mineral Research Company, Box 11427, Albuquerque, New Mexico 87112.

Taylor, Richard Vern.

- 68 Hiking trails and wilderness routes of the Chiricahua Mountains, Coronado National Forest, Arizona. Tucson, Arizona, Rainbow Expeditions, c1977.

\$4.95 Rainbow Expeditions, 915 South Sherwood Village, Tucson, AZ 85710.

United States. Bureau of Land Management.

Arizona Strip District. [Washington] U.S. Govt. Print. Off., 1976.
Scale 1:350,000.

Free. U.S. Bureau of Land Management, Arizona State Office, 3022 Federal Building, Phoenix, Arizona 85028.

CALIFORNIA

California. Division of Mines and Geology.

Mines and Mineral Resources of Alpine County, California. County Report 8, by William B. Clark. With Sections on the Zaca gold-silver mine and the Leviathan sulfur mine by James R. Evans. Sacramento, 1977.

- EP Plate 1 = Geologic map of Alpine County, California showing mines and mineral deposits, compiled by William B. Clark. 1:125,000 (in pocket)

\$3.50 + tax for California addressees. CDMG, 1416 Ninth St., Room 1341, Sacramento, CA 95814.

Moore, E. S.

Birdseye view of Berkeley : Cal. 1891. -- Berkeley : Irwin & Johnson, 1891 ; [Berkeley] : Ken Stein, [1977] map ; 34 x 57 cm.

- PH Perspective map not drawn to scale. Facsimile.

\$4.00 (incl. tax, postage and handling) Ken Stein, 2103 Grant St., #1, Berkeley, CA 94703.

Schedler & Liebler

Approved & Declared to be The Official Map of the State of California, by an act of the Legislature, passed March 25th 1853. Engraved on Stone by Schedler & Liebler. [Lakewood, California, California Information Almanac, 1977?]

- PH \$11.55 (includes lamination, sales tax and shipping) California Information Almanac, Inc., P.O. Box 400, Lakewood, CA. 90714

"In order not to destroy the historical value, the map has been produced in its original size (29" x 38") on buff colored aged paper; the rich brown ink enhances its beauty even more."

Includes "Census of the State of California taken in 1852 & 1970", and the following routes: Emigrant Trail, Fremont's Route in 1845; Lake Bigler now Lake Tahoe; Lassen Route and Pass; Oregon Trail; Rail Road Line; Tejon Pass; Walker's Pass; Vegas.

U.S. Forest Service

Tahoe National Forest, California; Vehicle Off-Road Travel Plan. Washington, D.C., U.S. Govt. Print. Off., 1977.

- EP Free. U.S. Forest Service, 555 Battery St., San Francisco; or any of the Ranger District offices: Nevada City, CA; Downieville, CA; Grass Valley, CA; Foresthill, CA; Sierraville, CA; Truckee, CA.
(This Plan applies to Calendar Year 1977 only.)

U.S. Geological Survey

Imperial Beach, Calif. - Baja Calif. Norte Quadrangle. Experimental Edition. California 7.5 Minute Series (Topographic). 1967, Photorevised 1975. Denver, CO., USGS, 1977. 69

This experimental edition is a dramatic departure from the 1967 edition. One-third of the 1975 map, on the Mexican side of the border, is filled-in with topographic detail. The 1967 edition is a clean white sheet on the Mexican side.

In this new, and most welcome, edition, the Mexican portion of the map is enlarged from the topographical map produced by the Mexican Government agency CETENAL (the 1:50,000 Tijuana sheet I11C69).

Another new feature of this sheet is that the standard pink color previously used to indicate urban areas in which only landmark buildings are shown, is now a gray tint (including the Mexican area).

EP

Two observations are noted: (1) the depth curves and soundings for San Diego Bay and the Pacific Ocean area are omitted. However, this is probably not too serious an omission. The nautical charts for the area (National Ocean Survey charts 18772 & 18773) have better detail; i.e., soundings and depth curves are more frequent because the scale of the nautical charts is 1:12,000 and 1:20,000; (2) the culture symbols for the Mexican topography are out-of-proportion, compared to the culture symbols used by USGS for their portion. This is accounted for, of course, because the CETENAL sheet has been enlarged from 1:50,000 to 1:24,000. The size of the buildings appears to be about four-times larger on the Mexican side. This is simply a product of photoenlargement.

On balance, it is nice to have the Mexican topography shown; and I'd prefer seeing it (even though out-of-proportion) than white-space. The gray tint for urban areas (1967 data) is quite acceptable, and an improvement over the use of pink and purple combined - as on standard USGS topo sheets that are photorevised.

Varna Enterprises.

The Roadmap to lost mines and buried treasures of California.

Locates suggested hunting locations for 127 fascinating treasures. Condensed stories are printed on the map margins. \$4.00 folded

The roadmap to Calif's pioneer-towns, ghost-towns, and mining-camps.

EP

Over 430 old sites, present existing towns, and former historical spots, are located with an index printed on the margins. Have you ever heard of Ringonada, Squabbletown, Bogus Thunder, or Lousy Level? \$3.50 folded

Both maps are 38" x 25", scale is 1" to 20 miles. Folded. Southern and Northern California on opposite sides. Include 5% for handling, tax for California residents.

Varna Enterprises, P.O. Box 2216, Van Nuys, CA 91404

(Varna also produces maps for other areas:

"The Oregon Trail" 17" x 32" blue or black print (specify) rolled \$2.00

"Map of Pioneer Trails 1541-1867" (37" x 45") rolled \$4.50/folded \$4.00

"Roadside Geology" (a new book) (Interstate 80 from San Francisco to Salt Lake City). 8½ x 11", 46 pp., illus., maps. "Sponsored by the American Geological Institute, supported by the National Science Foundation, published and distributed by Varna Enterprises."

\$3.00 + 5% handling

Northwest Cartographics

Middle Fork Salmon River [Idaho] : Map and Guide. Eugene, Oregon, 1977.
1:62,500

Whitewater boatman's guide; contour interval, 200'. Water resistant paper.

Northwest Cartographics, 2945 Hilyard St., Eugene, OR 97405

ET

This firm has also produced the following: Rogue River Canyon, river and trail guide, 1976; also for the boatman and hiker. Santiam Pass, Recreation map and guide. 1:62,500. Contour interval, 80'; a cross-country skier and hikers' map.

Idaho Bureau of Mines and Geology

Geologic Map of Idaho. 1:500,000 Open-file, preliminary, 1977.
Compiled under the direction of John G. Bond. Moscow, Idaho, 1977.

Idaho Bureau of Mines and Geology, Morrill Hall, University of Idaho, Moscow, Idaho 83843 Ozalid prints \$6.50 each, over-the-counter; \$7.00 prepaid by mail (folded).

The first updated geologic map of Idaho in 30-years was made available to the public in July 1977 by the IBMG, as it released in "open file" a provisional map, uncolored and unedited. It is reverse drawn to a scale of 1:500,000 on the USGS 1968 state topographic map which has 500-foot contour intervals.

EP

Chief compiler was Dr. John G. Bond, UI professor of geology and IBMG senior geologist, with assistance by bureau employees and other contributors.

The announcement quotes an IBMG official: "We're making this first, compilation version available in advance of publication because of the large demand there has been for an up-to-date map. We plan to announce the availability of a much refined printed map when it is in stock, probably within one year."

In the meantime, ozalid prints may be examined at the IBMG publications office (location quoted above); or prints for sale (quoted above) on a first-come, first-served basis.

WEST COAST OF THE UNITED STATES

U.S. National Ocean Survey

Catalog of Early Nautical Charts 1776-1976. Riverdale, Maryland, 1976.

NOS has announced that the hand-pulled engraved prints described in the Catalog have been exhausted. The Bicentennial Chart Program began in July 1975 by offering a limited number of hand-pulled prints from the original copperplates. Also offered, at the same time, were lithographs of the same charts - these are still available.

EP

San Francisco Peninsula 1869; \$3.50; Suislaw River, Oregon 1909; \$3.50; Commencement Bay, Washington 1888; \$3.50; Base Map of Alaska 1895; \$3.50; San Diego Bay 1859; \$3.50; Western Coast of the United States 1853; \$3.50; Catalina Harbor, California 1852; \$3.50; Port Townsend, Washington 1858; \$3.50; False Dungeness Harbor, Washington 1853; \$3.50;

NOS, Distribution Division C-44, Riverdale, Maryland 20840

C CALIFORNIA STATE BOUNDARY DISPUTE

San Francisco, October 14, 1977 [as reported by the Associated Press]:

California got statehood 127 years ago, but there was a slight oversight - which has come down the years to haunt the movers and shakers of the biggest state in the union.

The problem, a hearing of the Assembly Committee on Resources, Land Use and Energy was reminded Thursday (October 13), involves the 1850 award to California of title to an aggregate length of 7,000 miles of wetlands, to be held in trust for the people of the state.

The committee, taking testimony on statewide boundary disputes, hosted a crowded meeting near San Francisco International Airport. About a dozen persons spoke.

Of the 7,000 miles of submerged, swamp and overflow land, both inland and on the seashore, state Lands Commission Executive Officer William Northrop said: "The precise location of this entire boundary has not been mapped, nor agreed to with abutting owners. In fact, only a small fraction of these boundaries has been precisely fixed."

Back in the Gold Rush days, said Northrop, few were concerned with fixing boundaries because land was so abundant. In disputes, matters were settled by agreement or in the courts.

One spur for the hearing, which also heard testimony on budgetary matters, was litigation in Eureka over the city's attempt to take over some waterfront property deeded over to private ownership in the 1850s. A bill is now in the Legislature for the state to assume some of the suit's financial burden.

A vigorous protest of such action, on the basis of the established property rights, came from the California Land Title Association, which is financing part of the Eureka litigation.

"If you start fooling around with basic property rights handed down from English law, we're all in trouble," said an exasperated Sean E. McCarthy, vice-president of the title group.

McCarthy's group initiated suits against the Lands Commission to prevent the agency from declaring state property to the high water marks at Lake Tahoe and Donner Lake. The suits are pending in Nevada and Placer counties.

He blamed the Lands Commission and the [attorney] general's office for having "as their ultimate goal the taking of private property, or uses long associated with property ownership, without compensation ... a real possibility exists that members of this (title insurance) industry will no longer be able to insure (or) will no longer be able to provide acceptable title insurance" for wetlands.

7 VII TH INTERNATIONAL CONFERENCE ON THE HISTORY OF CARTOGRAPHY

Washington, D.C., August 7-11, 1977 [as excerpted from the Program]

SESSION I: MAP PRODUCTION AND TRADE

Chairman: A.H. Robinson, University of Wisconsin, Madison

[continued next p.]

J.B. Harley, University of Exeter, and Gwyn Walters,
National Library of Wales
*British Map Collecting, 1790-1840: The Evidence of
Sale Catalogues*

Tony Campbell, Weinreb & Douwma, Ltd., London
*The Woodcut Map as a Physical Object: A New Look at
Erhard Etzlaub's Rom Weg Map of 1500*

David Woodward, Hermon Dunlap Smith Center for the History
of Cartography, The Newberry Library
Wax-Engraving and the American Map Trade

SESSION II: THE SCIENCE OF PRINCES

Chairman: G. Kish, University of Michigan, Ann Arbor

Norman J.W. Thrower, University of California, Los Angeles
*The Royal Patrons of the Cartography of Edmond Halley
(1656-1742)*

Richard Boulind, Providence, Rhode Island
*Patronage of Mapmakers and Topographers at the Court
of Spain*

Helen Wallis, The British Library
The Royal Map Collections of England

Mireille Pastoureau, Bibliothèque Nationale
*Nicolas Sanson D'Abbeville et son Atlas les
Cartes Générales de Toutes les Parties du Monde*

Wolfgang Scharfe, Deutsche Gesellschaft für Kartographie
Prussian Cartography in the Late 18th Century

SESSION III: SEA CHARTS

Chairman: W.A. Stanley, Jr., National Ocean Survey, Washington, D.C.

Captain J.E. Ayres, U.S. Naval Oceanographic Office
The Hydrographic Work of the United States Navy

James E. Kelley, Jr., Kelley Schwartz, Inc., Philadelphia, PA.
*Non-Mediterranean Influences that Shaped the Atlantic
in the Early Portolan Charts*

Arend Lang, Archiv für die Geschichte der deutschen Nord-
und Ostseeküste
*The Oldest Printed Sea Map of Northern Europe in Existence,
Cornelis Anthonisz' "Caerte van Oostlant" (Amsterdam, 1543)*

SESSION IV: CARTOGRAPHY OF EXPLORATION

Chairman: B.M. Kidd, Public Archives of Canada

[continued next page]

Cornelis Koeman, Geografisch Instituut der Rijksuniversiteit,
Utrecht
*Manuscript Charts of the West Coast of North America
by Gerard van Keulen, 1711-1712*

Marcel Trudel, University of Ottawa
*La Carte de Champlain en 1632: Ses Sources et Son
Originalité*

Thomas R. Smith, University of Kansas
*Cartographic Retrogression: Vaugondy and the Fonte
Fantasy, 1750-1795*

SESSION V: ASIAN CARTOGRAPHY

Mei-Ling Hsu, University of Minnesota
*The Han Maps of the Second Century B.C.: Their Quality
and Historical Importance*

Shannon McCune, University of Florida
Father Regis' Map of Korea, 1710-1736

Kazutaka Unno, Osaka University
*The Origin of the Cartographical Symbol Representing
Desert Areas*

Rachmat Kusmiadi, Geological Survey of Indonesia
*A Brief History on Cartography in Indonesia (Special
Cases: Topographic and Geologic Mapping)*

Chan Lee, Seoul National University
Two Lines of Cartographic Development on the Map of Korea

SESSION VI: AMERICAN CARTOGRAPHY

Chairman: H.R. Friis, Washington, D.C.

Louis De Vorsey, Jr., University of Georgia
American Indian Contributions to the History of Cartography

Diane T. Rose, University of California, Davis
The Maps of Herman Ehrenberg, A Pioneer of the American West

Peter J. Guthorn, M.D., Neptune City, New Jersey
The Post-War Employment of Revolutionary War Map Makers

SESSION VII: WORLD VIEW

Chairman: E.M.J. Campbell, Birkbeck College, London

O.A.W. Dilke, University of Leeds
The Original Ptolemy

M.S. Dilke and O.A.W. Dilke, University of Leeds, and
A. Brancati, Biblioteca Oliveriana, Pesaro
The Pesaro World Map

[continued on next page]

Gunter Schilder, Geografisch Instituut der Rijksuniversiteit,
Utrecht

*A Wall Map of the World by W. Jz. Blaeu-J. Hondius,
1624 (1605)*

SESSION VIII: TECHNIQUES AND SYMBOLS

Chairman: W. Washburn, Smithsonian Institution, Washington, D.C.

Thomas Wray, Department of Energy, Mines and Resources, Ottawa
The Myth of Fiorini's Projection

Denis Wood, North Carolina State University at Raleigh
*Now and Then: Comparisons of Ordinary Americans' Symbol
Conventions with those of Past Cartographers*

Jacqueline S. Olin and Kenneth Towe, Smithsonian Institution,
Washington, D.C.
*The Vinland Map--Chemical Analysis of the Ink and
Interpretations of the Analyses*

James R. Enterline, Enterline Automation and Computing, New York
A Transport Mechanism for Accidental Pigments in an Ink Line

SESSION IX: REGIONAL CARTOGRAPHY

Chairman: J.D. Black, John Carter Brown Library, Providence, Rhode Island

Saul Jarcho, M.D., New York Academy of Medicine
*Christopher Packe (1686-1749), Physician-Cartographer
of Kent*

William P. Cumming, Davidson College, North Carolina
*The Montresor-Ratzer-Sauthier Series of Plans of
New York and its Environs (1776-1777)*

E.G. Istomina and A.V. Posnikov, Academy of Sciences of the USSR
*Maps and Plans of the Artificial Waterways of Russia
in the Second Half of the 18th Century*

P.D.A. Harvey, University of Southampton, England
Local Maps from Medieval Europe

SESSION X: ART AND CARTOGRAPHY

Chairman: J. Hand, National Gallery of Art, Washington, D.C.

Karen L. Pearson, Fairbanks, Alaska
*Germania Illustrata: The Discovery of the German Landscape
by 16th-Century Cartographers, Geographers and Artists*

James A. Welu, Worcester Art Museum, Massachusetts
The Map in Vermeer's Art of Painting

SPECIAL PROGRAM: GUEST LECTURER

Dr. João da Gama Pimentel Barata, Calouste Gulbenkian Foundation,
Lisbon

*The Portuguese Caravel and the Discovery of America:
A Study in Naval Archaeology*

S SECOND WORKSHOP ON MAP LIBRARIES IN THE SOUTHEAST U.S.

75

Knoxville, Tennessee, November 20, 1977

On Sunday November 20, 1977 the Second Workshop on Map Libraries in the Southeast U.S. convened in Knoxville, Tennessee at the Hyatt Regency. This meeting was a pre-convention workshop held in conjunction with the 32nd Annual Meeting of the Southeastern Division of the Association of American Geographers.

[The first workshop on map libraries was held in conjunction with the 30th Annual Meeting of the S.E. Division of A.A.G. in 1975. That meeting was very successful and it is hoped that these workshops will continue to promote communication among geographers and librarians.]

PROGRAM

INTRODUCTION: Workshop Chairman / Dr. HelenJane Armstrong, University of Florida

THE ROLE OF MICROGRAPHICS IN THE DEVELOPMENT OF A NATIONAL CARTOGRAPHIC INFORMATION CENTER / John W. Simmons, National Cartographic Informa. Cent.

SOLINET/OCLC: MAP CATALOGING / James O. Minton, University of Michigan

LIBRARY OF CONGRESS SUMMER MAP PROCESSING PROJECT: A PARTICIPANT'S POINT OF VIEW / Daniel T. Seldin, University of Indiana

THE GEORGIA HISTORICAL MAP EXHIBIT: WHAT MAP LIBRARIES CAN DO TO FOSTER STATEWIDE INTEREST IN MAPS / Dr. Borden D. Dent, Georgia State University; Janice Blake, Georgia Surveyor General Department

DISCUSSION PANEL / June Harris, University of Michigan (Moderator)
Dr. HelenJane Armstrong, University of Florida
David C. McQuillan, University of South Carolina
John Sutherland, University of Georgia
Celia Poe, University of North Carolina
Marianne Donnell, Florida State University

COMPUTER MAPPERS AND MAP LIBRARIANS: CAN THEY HELP EACH OTHER? / Dr. James R. Carter, University of Tennessee

APPLICATION OF GEOGRAPHIC INFORMATION SYSTEMS / Alfred Henry Vang, South Carolina Budget and Control Board

TENNESSEE VALLEY AUTHORITY MAPPING PROGRAMS / Dr. Alan R. Stevens, Mapping Service Branch, TVA

LINGUISTIC ATLAS OF THE MIDDLE AND SOUTH ATLANTIC STATES / Dr. Raven I. McDavid, Jr., University of Chicago; Dr. Raymond K. O'Cain, University of South Carolina; George T. Dorrill, University of South Carolina

*For further information please contact the workshop program chairman:
David C. McQuillan, Map Librarian, University of South Carolina,
Callcott Social Science Center, Columbia, S.C. 29208*

A AUTO CARTO III: Third International Symposium On Computer-Assisted Cartography

San Francisco, California, January 16-20, 1978

THEME: *Let's put Computer-Assisted Cartography to work.*

[continued on next p.]

PROGRAM

76 Monday, January 16, 1978

Call to Order: James E. Chamberlain, USGS, Chairman of Auto Carto III

Welcome: Dr. Joel Morrison, University of Wisconsin

Review of Technology Introduced and Discussed at Auto Carto I and II:
Dr. Robert Aangeenbrug, University of Kansas

Keynote Speaker: Rupert B. Southard, USGS

Economic Requirements Panel: Jon M. Leverenz, Rand McNally, Chicago /
When should you consider Computer-Assisted techniques?
Organizing your assault on economic justification.

Cartographic Display Requirements Panel: Prof. Waldo Tobler, University of
California at Santa Barbara
Display the key to understanding.
Display techniques available for communication.
Combination display techniques.

Concurrent Workshop - Tuesday through Thursday, January 17-19

National Cartographic Information Center
Digitizing Workshops

Tuesday January 17 and Wednesday January 18(a.m.) / Hardware Panels

What is the hardware industry doing for us these days?: Dr. Raymond Boyle,
University of Saskatchewan

Mass Digitization: D. Cook, Sci-tex; W. Switzer, CGIS; R. Clark, ETL;
J. Bowmann, RADC; T. Kreifelts, Inst f. Math; L. Laub, Xerox; N. Smith,
NOS

Mass Storage: J. Davis, DOD; A. Jamberdino, RADC; W. Opitz, DMAHC; L. Laub,
Xerox; G. Kenney, Phillips; H. Heard, IAC; R.G. Zech, Harris ESD.

Soft Copy Display: E. Slottow, U. of Ill.; J. Newcoln, CDC; J. Pucilowski,
US Electronic Comm.; R. Durbeck, IBM; M. Smith, Singer.

Hard Copy Display: N. Smith, NOS; R. McGrath, DMAHC; D. Cook, Sci-tex;
R. Kidwell, USGS.

Small Operational Systems: J. Broglie, RADC; P.A. Obitzer, Telesensory, Inc.;
M. Smith, Singer Co.

Wednesday (p.m.) January 18

Data Editing Panel: Harvard Holms, Lawrence Berkeley Lab., Univ. of Califor.
Maintaining Quality.
Software vs. Interactive Approach.

[continued on next p.]

Thursday (a.m.) January 19

77

Data Bases and Applications Software Panel: Prof. Duane Marble, State University of N.Y. at Buffalo

Finding out who has what system and what it will do.

Data Base structure considerations.

Data Identification - Attribute Codes.

Data Base Management GBF to Management Decision.

Image Data Bases - What does the future look like?

Terrain Surface Analysis.

Thursday (p.m.) January 19

Concluding Session: Dean Edson, USGS

Where do we go from here?

Friday, January 20

Special NASA-Ames Research Center Tour

[Contact: James E. Chamberlain, Chairman, AUTO CARTO III, USGS, 345 Middlefield Rd., Menlo Park, CA 94025]

I INTERNATIONAL CONFERENCE ON GEOLOGICAL INFORMATION *(First Circular)*

Imperial College of Science and Technology and Geological Society of London, London, April 10-12, 1978

Sponsored and organized by the Geological Information Group of the Geological Society of London and the Geoscience Information Society (USA) together with the Australian Geoscience Information Association, Editerra (European Association of Earth Science Editors), and AESE (Association of Earth Science Editors). It is hoped that UNESCO will sponsor the meeting within the framework of its UNISIST programme.

This is the first major attempt to bring together geoscience information specialists from all over the world. The programme will include sessions on: the history of geoscience documentation and a review of the current situation; brief reviews outlining the state-of-the-art of geoscience documentation in various regional units; publishing and editing; retrieval of information including indexing and abstracting services; documentation in specialised areas, maps, translations, remote sensing; user points of view; networks including national and international cooperation. There will also be a workshop on information handling for economic aspects of geology.

Visits are planned to various libraries including the British Museum (Natural History) and the Institute of Geological Sciences. There will be an exhibition of related publications, both antiquarian and current, and demonstrations of computer-based services.

During the conference, which will be of interest to information specialists, librarians and documentalists in geology and the mining and petroleum industries, a proposal will be made to establish an International Association for Geological Documentation.

[continued on next p.]

78 The proposed conference fee for the ICGI is \$15. Correspondence: For those resident in North and South America, address all correspondence relating to the conference to Dederick C. Ward, University Libraries, University of Colorado at Boulder, Boulder, Colorado 80309. All others should write to: International Conference on Geological Information, c/o Palaeontology Library, British Museum (Natural History), Cromwell Road, London SW7 5BD, UK.

C CONFERENCE ON CAPTAIN JAMES COOK AND HIS TIMES

Simon Fraser University, Burnaby, British Columbia, Canada
April 25-29, 1978

Simon Fraser University History Department is organizing an international interdisciplinary conference to mark the bicentenary of Captain Cook's landing at Nootka Sound on Vancouver Island, British Columbia, Canada. The conference will be held at SFU from 25-29 April 1978.

The primary focus of the conference will be on Cook's third voyage but it will also enable scholars from Canada and other countries to re-examine the impact of all three voyages on many fields of human knowledge. The programme is as follows:

- Implications of Cook's Voyages (Speakers: B.M. Gough, M.E. Hoare, Glyn Williams).
- Impact on the European Mind (Speakers: A. Frost, R. Joppien, E.H. McCormick, Bernard Smith).
- Cook and Navigation (Speakers: J.S. Pritchard, G.S. Ritchie, D.W. Waters).
- Scientific Aspects of Cook's Voyages (Speakers: Phyllis Edwards, W.T. Stearn, Sir James Watt, P.J.P. Whitehead).
- Cook's Influence on Subsequent Exploration of the North Pacific (Speakers: C. Archer, T.E. Armstrong, J.R. Gibson)
- Cook and Indigenous People (Speakers: R.A. Fisher, P.W. Gathercole, Adrienne Kaeppler).
- Cook's Contemporaries (Speakers: H.B. Carter, H.T. Fry, Helen Wallis).

There will be an exhibition at Simon Fraser University of original maps and charts as well as first edition books relating to Cook and exploration of the Northwest Pacific. Illustrated lectures by the conference speakers additional to the conference sessions will be arranged.

Further details and enrollment forms may be obtained by writing to the following:

Prof. Phyllis Auty (Tel. 291-4462)
Director of the Cook Conference
History Department
Simon Fraser University
Burnaby, B.C., Canada V5A 1S6

C CANADIAN CARTOGRAPHIC ASSOCIATION / ANNUAL MEETING 1978

Vancouver, British Columbia, June 8-10, 1978.

The next annual meeting of the Canadian Cartographic Association will be held at the University of British Columbia, Vancouver on the 8th, 9th, and 10th of June, 1978. The conference will focus on thematic cartography - its history, current status and future prospects.

Professor F. J. Ormeling, Head of the Department of Cartography at ITC, The Netherlands, and President of the International Cartographic Association, will attend the meeting as Distinguished Visitor and keynote speaker.

Those wishing to present a paper at this meeting should send a title and abstract to either of the conference chairmen:

*Jean-Claude Muller
Dept. of Geography
University of Alberta
Edmonton, Alberta
T6G 2H4*

*Lou Skoda
Canadian Cartographics
508 Clarke Road
Coquitlam, British Columbia
V3J 3X2*

before January 31, 1978 to be considered for inclusion in the programme. Final papers will be required by March 31, 1978.

*Leonard Guelke, President
Canadian Cartographic Assn.
University of Waterloo
Waterloo, Ontario N2L 3G1*

A ASSOCIATION OF CANADIAN MAP LIBRARIES / TWELFTH ANNUAL CONFERENCE

Victoria, British Columbia, June 11-15, 1978

Proposed Programme

<u>Sunday, June 11</u>	4-6 pm ACML Executive Meet;	7:30-10:30 pm Registration & Reception
<u>Monday, June 12</u>	8:30-9:00 Registration	

First Session

Tomas Bartroli: Spanish Maps of the Northwest Coast
Dr. Coolie Verner: Maps relating to Cook's Voyages

Second Session

Dr. W. Kaye Lamb: Maps relating to Vancouver's Voyages
Dr. John O. Wheeler, Geological Survey of Canada: Work of the Wheeler Family in British Columbia
Dr. James E. Hendrickson, University of Victoria: [to be announced]

Third Session

Reports of Mapping Agencies: Federal
Energy Mines and Resources: Col. L. M. Sebert
Geological Survey of Canada: Dr. J. O. Wheeler
Canadian Hydrographic Survey: R. W. Sandilands

[Third Session, Continued]

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Reports of Mapping Agencies II: Provincial

B. C. Government: [to be announced]

Reports of Mapping Agencies III: Independent

Canadian Cartographics: Lou Skoda

Independent mapping agencies: Doris Stastny

Reports of Service Agencies

National Map Collection: Betty Kidd

Fourth Session

Atlas Projects: Reports

National Atlas of Canada: [to be announced]

Historical Atlas of Canada: Dr. R. C. (Cole) Harris
University of British Columbia

Atlas of British Columbia: Dr. A. L. Farley
University of British Columbia

Business Meeting ACML

Reception

Annual Banquet

Wednesday, June 14

Fifth Session

Theme: Mapping / Looking Towards the Year 2,000 [program to be announced]

Sixth Session

Theme: Map Libraries / Looking Towards the Year 2,000 [program to be announ.]

Thursday, June 15

Tour: Dominion Forest Research Centre
Dominion Astrophysical Observatory
Institute of Ocean Sciences, Patricia Bay

S SECOND CIRCUM-PACIFIC ENERGY AND MINERAL RESOURCES CONFERENCE

Honolulu, Hawaii, July 30-August 4, 1978

The Circum-Pacific Energy and Mineral Resources Conference will be held July 30-August 4, 1978 in the Mid-Pacific Conference Center at the Hilton Hawaiian Village, Honolulu. This international conference is sponsored by the American Association of Petroleum Geologists, the Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas, the Pacific Science Association, the American Mining Congress, and the University of Hawaii, and is supported by 72 geo-science societies around the world. Approximately 135 invited papers on petroleum, coal, geothermal energy, nuclear energy, minerals, groundwater, and environmental geology will be offered by outstanding international scientists, economists, and statesmen.

GENERAL SESSIONS JULY 30-AUGUST 1, 1978

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The all-conference general sessions will present both policy addresses and regional papers. The All-Conference luncheon on Monday will feature an address by the Right Honorable J. Douglas Anthony, M.P., Deputy Prime Minister of Australia.

The opening address of the morning will be given by the Honorable George R. Ariyoshi, Governor of Hawaii, who will be followed by Senator Harrison "Jack" Schmitt. Then Dr. Mohammed Sadli, Minister of Mines, Indonesia will speak on "Energy and Mineral Resources of Indonesia".

Later speakers on national and international policy will be Ms. Patsy Mink, U.S. Secretary of State for Oceans and International Environmental and Scientific Affairs, who will speak on "Environmental aspects of international energy and mineral development"; Dr. Friedrich Bender, President, Federal Institute for Geosciences and Natural Resources, West Germany, who will discuss "World future energy supply"; Dr. Harrison Brown of the East-West Center, who will talk on "Critical energy problems in the Pacific Basin"; Mr. Robert J. Foster, Broken Hill Proprietary Company Limited, Australia, who will raise the question "Should Australia export natural gas?"; Dr. Northcutt Ely, attorney on international law, who will speak on "The law of the sea"; and, Dr. Ola Wattne, Deputy Director, Ministry of Petroleum, Norway, will speak on "The Norwegian experience - oil in a developed country".

Among the regional papers in the general sessions will be "The Sunshine Project" by Dr. Masao Kubota of Japan, "The petroleum geology of the Peoples Republic of China" by Dr. A. A. Meyerhoff, "A synthesis of Joides results of the Pacific" by Dr. E.L. Winterer, "The Petroleum geology of the Reforma area, southeastern Mexico, and references to the exploratory effort in Baja, California" by Dr. Eduardo Guzman, and "The geothermal potential of the Circum-Pacific Region" by Donald E. White. Also included will be a paper on the Alaskan pipeline and reports on the Circum-Pacific Map Project by Michael T. Halbouty and John A. Reinemund.

SPECIAL SESSIONS, AUGUST 2-4, 1978

The special sessions will run concurrently Wednesday, Thursday, and Friday. They will include approximately 26 papers on petroleum, 7 papers on coal, 26 papers on non-energy minerals, 5 papers on uranium, 16 papers on geothermal energy and groundwater, 8 papers on tectonics, 6 papers on renewable energy sources, and 20 papers on environmental geology. Six of the minerals papers will be presented in a symposium Wednesday morning, August 2, on "Ore genesis in the trenches." This will be chaired by Dr. George P. Woollard and will include a paper by Dr. Creighton A. Burk entitled "The tectonic framework of the Middle America trench."

INTERNATIONAL EDUCATIONAL EXHIBITS

The educational exhibit pavilion will provide a relaxed atmosphere where an expert, his colleagues, and some students can gather to discuss more thoroughly the papers presented. An effort will be made to have "Meet the Speaker" hours each day in this pavilion. Poster shows, particularly on environmental geology, are contemplated in the Sea Pearl Room off the beautiful Tapestry Lounge. The new Circum-Pacific geographic maps will be displayed.

EARTHQUAKES AND THE RING OF FIRE

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A special educational feature for the public as well as for the delegates and their families will be an evening public lecture by Dr. Barry C. Raleigh of the U.S. Geological Survey. His topic, "Earthquakes and the Ring of Fire", will cover the principal earthquake disasters in the Pacific since the 1906 San Francisco quake and relate them to the volcanism that rings the Pacific basin. The present status of earthquake prediction and continuing international research along these lines will be discussed.

GEOSCIENCE TRAINING PROGRAM

Pre-Conference Workshop on Basin Analysis, July 24-28, 1978

This pre-conference workshop will relate modern subsurface methods to basin analysis and resource appraisal. Fundamental concepts of basin analysis will be discussed but emphasis will be placed on the use and interpretation of different logging methods in boreholes to obtain data for analysis of stratigraphic assemblages and resource potential of basins. Registration will be limited to 200 persons. Fee \$100.00.

Pre-Conference Workshop on Satellite Remote Sensing, July 24-28, 1978

A workshop on the application of satellite remote-sensing techniques to mineral-resource exploration will be presented by geologists from the U.S. Geological Survey's Earth Resources Observation System (EROS) Program. This course is designed to familiarize scientists with fundamental principles that are applied in geologic remote sensing and with currently available sources of satellite data for international exploration programs, particularly in the Circum-Pacific region. Workshop exercises will apply analytic and interpretative procedures to the reduction of satellite data to useful geologic information. Registration will be limited to 50 persons. Fee \$100.00.

Post-Conference Landslide Workshop, August 5, 1978

A workshop on the "Recognition and reduction of landslide hazards" is proposed to provide instruction on (1) recognition of landslides on aerial photographs and topographic maps, (2) the preparation of regional landslide inventories and landslide susceptibility maps, (3) economic factors and (4) planning tools. Registration will be limited to 25 persons. Fee \$50.00.

Geological Field Trips (Take one or all.)

(A) Island of Kauai, July 29-30 (B) Island of Oahu, Aug. 6 (C) Island of Maui, Aug. 6-7 (D) Island of Hawaii, Puna Dist., Aug. 7-8 (E) Island of Hawaii, Kona Coast, Aug. 9-10.

Further information and appropriate reservation forms will be sent to interested parties by, "1978 Circum-Pacific Conference, c/o AAPG, Box 979, Tulsa, OK.

W WESTERN ASSOCIATION OF MAP LIBRARIES (Future Meetings)

Spring 1978	University of Washington, Seattle	March 24-25
Fall 1978	University of Nevada, Reno	
Spring (Summer) 1979	Honolulu, Hawaii	June 10-14
(in conjunction with the <u>dates</u> for SLA Annual Meeting)		

PUBLICATIONS OF RELEVANCE

83

Anna Blustein

University Research Library, University of California, Los Angeles, CA.

Applications of computer cartography : proceedings of the Conference, "Applications of Computer Cartography," January 16, 1975, sponsored by the American Geographical Society ... / edited by J. P. Schofer ; prepared by American Geographical Society and the Dept. of Urban Studies, Rutgers University, Newark. -- New York : American Geographical Society, 1975. iv, 83, [1] p. : ill., maps ; 29 cm. -- (Special publication - American Geographical Society of New York ; no. 41) Bibliography: p. 75-77.

Automobile Association, London.

AA touring guide to Scotland / [editor Russell Beach]. Basingstoke : AA, 1975. £5.95
353, 2-48 p. : ill. (chiefly col). col. maps : 31 cm. ISBN 0-09-211560-8
MARC 76-366652

Automobile Association, London.

AA touring guide to Wales / [editor Russell Beach]. Basingstoke : AA, 1975. £5.95
303, 2-66 p. : ill. (chiefly col.). col. maps, col. plans : 31 cm. ISBN 0-09-211570-5
MARC 76-366650

Avdeenko, Aleksandr Ostapovich, 1908-

From Moscow to Yalta (guide for motorists) [by] Alexander Avdeenko. Moscow, Novosti Press Agency Publishing House [1968?] 201, [22] p. illus.(part col.), 1 fold.col.map. MARC 71-467577

Baker, Ronald L.

Indiana place names / by Ronald L. Baker and Marvin Carmony. -- Bloomington : Indiana University Press, 1976, c1975. xxii, 196 p. Bibliography: p. 187-192. Map of Indiana: 1 fold.leaf in pocket. ISBN 0-2531-4167-2 CIP 74-01915

California. Division of Beaches and Parks.

South Central coastal study: Montana de Oro, Gaviota, Refugio, Villa Creek, Santa Maria Dunes, Point Sal, Point Conception, Hollister Ranch, El Capitan. [Sacramento] 1966. 47, [16] l. 18 fold. maps.

Centro de Geografia do Ultramar.

Relação dos nomes geográficos de S. Tomé e Príncipe. Lisboa, 1968. 82 p. 32 cm. 72-210029

Clark, David Sanders.

Index to maps of the French and Indian War in books and periodicals, illustrating the background of the conflict, British and French military operations in North America, the Cherokee War, the Havana Campaign and post-war boundaries. Fayetteville, N.C., 1974. x, 118 p. 29cm. MARC 74-175949

Crutcher, Harold L

- 84 Mariners worldwide climactic guide to tropical storms at sea / by H. L. Crutcher and R. G. Quayle. -- [Asheville, N.C.] : Published by direction of Commander, Naval Weather Service Command ; Washington : For sale by the Supt. of Docs., U.S. Govt. Print. Off., 1974.
iv, 114, 312 p. : chiefly charts ; 27 x 39 cm. -- (NAVAIR 50-1C-61)
Bibliography: p. 109-110.

ERTS-I: a new window on our planet / Richard S. Williams, Jr., and William D. Carter, editors ; cooperating organizations, U.S. Department of the Interior ... [et al.]. -- Washington: U.S. Govt. Print. Off., 1976.
xix, 362 p. : ill.(some col.) ; 29 cm. -- (Geological Survey professional paper ; 929) Includes bibliographies.

Five centuries of map printing / edited by David Woodward. - Chicago : University of Chicago Press, 1975.
xi, 177 p. : ill. : 29 cm. - (The Kenneth Nebenzahl, Jr., lectures in the history of cartography at the Newberry Library). "Published for the Hermon Dunlap Smith Center for the History of Cartography, The Newberry Library."
Bibliography: p. [167]-170. Includes index. ISBN 0-226-90724-4 : \$17.50
MARC 74-11635

Geographia, Ltd., London.

Commercial gazetteer of Great Britain / edited by E. Hudson. -- [Rev. ed.]. -- London : Geographia, 1969.
xxii, 297, 56 p. : map ; 28 cm. Companion volume to "Geographia road atlas of Great Britain."

Great Britain. Hydrographic Office.

Symbols and abbreviations used on Admiralty charts. Taunton, Hydrographic Department, 1972.
[32] p., illus. (chiefly col), 30 cm. £0.25 "Chart 5011" MARC 74-162150

Halminski, Sylvester J

Temperature, salinity, oxygen, and phosphate in waters off eastern Central America and northern South America / Sylvester J. Halminski. -- Washington : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Service, 1975.
iv, 189 p. : ill. ; 40 x 60 cm. -- (Key to oceanographic records documentation ; no. 4)

Hart, B A

Geographical areas serviced by Bell and independent telephone companies in the United States [by] B. A. Hart. [Washington] U.S. Dept. of Commerce, Office of Telecommunications; for sale by the Supt. of Docs., U.S. Govt. Print. Off., 1973.
vii, 117 p. illus. 26 cm. (OT report 73-1) MARC 73-601416

Hart, Krivatsy, Stubee.

BART/TRAILS : a study of the commuter and recreational trail potential to the Bay Area Rapid Transit System / prepared by Hart, Krivatsy, Stubee, in association with Robert Conradt, Michael Painter & Associates. -- [San Francisco : Hart, Krivatsy, Stubee], 1974. "DOT P 5600.2."
[vi], 57, [10] p. : ill., maps (2 fold. in pocket) ; 24 x 29 cm.

Hearle, Edward F R
Data uses in urban planning / by Edward F. R. Hearle. -- Washington : Bureau 85
of the Census, 1970.
28 p. ; 28 cm. -- (Census use study : Report - Bureau of the Census; no. 9)

International Conference of Surveyors, Tel Aviv, 1972.
Papers [of the International] Conference of Surveyors, held in Tel Aviv,
May-June 1972]. -- [Tel Aviv?] : Agudat ha-modedim ha-musemakhim be-
Yisrael, [1973?]
iii, 560 p. : ill. ; 28 cm. French, English, German.
CONTENTS: Groups A/B. Computers in the service of surveyors.
Group C. Planning of new towns.

Ireland (Eire). Ordnance Survey.
Tables for the transverse Mercator projection of Ireland / Ordnance Survey.
-- Dublin : Published by the Director, and printed at the Ordnance Survey
Office, 1953, 1971 printing.
55 p. in various pagings ; 30 cm.

Jaro, Matthew A
GRIDS, a computer mapping system / by Matthew A. Jaro. -- Washington :
Bureau of the Census, 1972.
xviii, 184 p. ; ill; maps; 26 cm. -- (Census use study : Computer program
package - Bureau of the Census ; 3)

Jáuregui O , Ernesto.
Mapas y planos contemporáneos de México [por] Ernesto Jauregui O. [1. ed.
México, Universidad Nacional Autónoma de México, Instituto de Investiga-
ciones Sociales, 1968] LC NO. 74-408429
132 p. fold. maps(part col.) 23cm. \$2.00 Bibliography: p. 23-24.

Los Angeles. Community Analysis Bureau.
The state of the city : report : the summary of a cluster analysis of Los
Angeles / prepared by the Data Analysis Division. -- Los Angeles : Los Ange-
les Community Analysis Bureau, 1974.
vi, 69 p. : chiefly col. maps (1 fold.) ; 28 cm.

Los Angeles. Dept. of City Planning.
Conservation plan : City plan case no. 24578, adopted by City Council, Dec.
20, 1973 / Dept. of City Planning, Los Angeles, Calif. -- Los Angeles :
The Department, 1974.
[iv], 30, [2] p., 7 fold. leaves of plates : 7 maps (in pocket) ; 29 cm.
"An element of the General plan of the City of Los Angeles."

Los Angeles. Dept. of City Planning.
Use of the grid-based information system for centers definition / Los Angeles
Dept. of City Planning. -- Los Angeles : the Dept., 1974.
[iii], 50, [5] leaves : maps ; 30 cm.

Louw, Stephanus Andreas, 1908-
Afrikaanse taalAtlas / deur S. A. Louw. -- [Eerste reeks, Aflowering 1-10].
-- Pretoria : Universiteit van Pretoria, 1959-[1969].
22 leaves, 51 leaves of plates : 51 maps (50 col.) ; 51 x 57 cm. Scale of
maps 1:5,000,000. Contains maps 1-50, index map, text.

- 86 Mission to earth : Landsat views the world / Nicholas M. Short .. [et al.].
-- Washington : Scientific and Technical Information Office, National Aeronautics and Space Administration : for sale by the Supt. of Docs., U.S. Govt. Print. Off., 1976.
ix, 459, [5] p. : chiefly col. maps ; 36 cm. -- (NASA SP - National Aeronautics and Space Administration ; 360).

Raitz, Karl B

Cultural geography on topographic maps / Karl B. Raitz, John Fraser Hart.
-- New York : Wiley, 1975.
139 p. : col. maps ; 28 cm. Publisher's note: "The loose-leaf format of this text is designed to facilitate the use of the book as a study guide. We do not expect to have revised pages for this text." ISBN 0-471-70595-0.

Rézette, Robert.

The western Sahara and the frontiers of Morocco / Robert Rézette. - Paris: Nouvelles éditions latines, c1975.
185 p. : maps ; 23 cm. MARC 76-353654

Tomberg, Tamara

Tallinn ; a tourist guidebook [by] Tamara Tomberg. [Moscow] Novosti Press Agency Pub. House [1971?]
157 p. illus. (part col.), maps (1 fold. col.) 17 cm. 103 rub MARC 73-176892

Tomlinson, Raymond W.

Electronic distance measuring instruments / Raymond W. Tomlinson, Thomas C. Burger. -- Rev. 2d ed. -- Washington : American Congress on Surveying and Mapping, Control Surveys Division, 1975.
v, 608 p. ; ill., ports. -- (American Congress on Surveying and Mapping. Control Surveys Division. Technical monograph ; no. CS-2) LC # 75-3944

United States. Bureau of the Census.

Computer mapping / Donald F. Cooke ... [et al.]. -- Washington : Bureau of the Census, 1969.
[iv], 44 p. : maps ; 28 cm. -- (Census use study : Report - Bureau of the Census ; no. 2).

United States. Dept. of the Army.

Foreign maps / Headquarters, Dept. of the Army. -- [Rev. ed.]. -- [Washington] : Dept. of the Army, 1963.
i, 286 p., 43 leaves of plates : maps (43 col.) ; 27 cm. -- (Technical manual - Dept. of the Army ; TM 5-248) "Supersedes TM 5-248, 12 June 1956."
"Natural scale indicator" folded in pocket.

United States. National Archives and Records Service.

Cartographic records in the National Archives of the United States useful for urban studies. / compiled by Ralph E. Ehrenberg. -- Washington : National Archives and Records Service, General Services Administration, 1973.
[viii], 14 p. -- (Reference information paper - National Archives and Records Service; no. 68).

United States. National Archives and Records Service.

Records and policies of the Post Office Department relating to place-names / compiled by Arthur Hecht and William J. Heynen. -- Washington : 1975.
vii, [i], 16 p. -- (Reference information paper - NARS ; no. 72).

Michael J. Fox

Map Librarian, The State Historical Society of Wisconsin, Madison.

87

Maule, Elizabeth Singer

Bird's eye views of Wisconsin communities; a preliminary checklist by Elizabeth Singer Maule. [Madison], State Historical Society of Wisconsin, (Guides to historical resources), 1977.

76 p. [unnumbered], 23 cm, LC # 77-24430 ISBN 0-87020-168-9

[EDITOR'S NOTE:]

This list is more than what the title suggests. Ms. Maule has written a useful history of bird's eye views, albeit brief, in the introduction. The list is in-fact a union list of bird's eye views held by institutions in Wisconsin and the Library of Congress. Ms. Maule "mailed more than a thousand questionnaires" in March, 1975, but only received a 15% return; therefore, she appeals for others to assist her effort and notify her of any unlisted views - Wisconsin only, one must presume. The list also cites about 80 cities outside of Wisconsin, domestic and foreign. Examples are: "Fairhaven, Washington 1891"; "Livermore, California 1889"; "Oakland & Vicinity, Alameda Co., California 1887"; "San Diego, Cal. 1887"; "...San Diego City and Harbor, showing Panama-California Exposition Site, 1914"; "San Francisco The Exposition City, 1912"; "San Pedro, California"; "Stockton, California"; "Picture-map of Camp Lewis American Lake (Tacoma) Washington, 1918". The latter are held by the State Historical Society. The State Historical Society of Wisconsin, 816 State St., Madison, WI 53706.

Larry Cruse

Map Librarian, University Library, University of California, San Diego.

U.S. National Ocean Survey

Availability of Original Hydrographic and Topographic Surveys. Rockville, Maryland 20852, 1977.

A leaflet designed to describe the original surveys in the Archives of the National Ocean Survey. Topographic and Hydrographic surveys of the American coastline, since 1835, are preserved in manuscript form. These surveys were conducted at scales of 1:10,000 and 1:20,000, and even more detailed for some harbor areas.

From 1835 to 1927 practically all of the topographic surveys were made by planetable and the original planetable sheets are filed in the Archives. Subsequent to 1927, aerial photography methods were used for data collecting. Film positives or bromides of the earlier charts are made available, \$16.00 each for the first Bromide print (up to 40" x 80"). Descriptive Reports, made by the surveyors at the time, accompany some charts. These are interesting historical documents that can supplement the information depicted on the chart. The Reports are \$1.00 each. 35mm film copies are not available. Delivery time is 3 to 6 weeks. Index sheets depict surveys in epochs: pre 1900, 1900 to ca.1925, ca.1925 to present.

Jeremiah B. Post

Map Librarian, Map Collection, The Free Library of Philadelphia, PA.

Simonetti, Martha L. (Comp.)

Descriptive list of The Map Collection in the Pennsylvania State Archives. Harrisburg: Pennsylvania Historical & Museum Commission, 1976. \$6.00

Subtitle: *Catalogue of Maps in the Principal Map Collection (MG 11).*

Harold Otness
Library, Southern Oregon State College, Ashland, Oregon

U.S. Geological Survey.

Maps published of Antarctica by the U.S. Geological Survey. GPO, 1977.
12 p. (SupDocs # I 19.14/2: M 32/10)

Illustrated catalog with index maps and order form. Nicely done.

Wood, Nat.

"Super 'Eyes in Sky' map land use data for States, Counties".
State & County Administrator, Vol. 2, No. 6: June 1977, pp. 10+

Description of Pierce County, Washington, use of satellite and U-2 photography for land use planning.

The Editor (from material in hand & publisher's blurbs)

Otness, Harold M.

A brief description of Universal Maps & Cards. Newly set forth by Thomas Blundeville, Gentleman. London 1589. Transcribed from the original black letter and edited by Harold M. Otness. Ashland, Oregon, Detu Press, 1977.
iv, 20 p. 22 cm. The Map Heritage Series, Number One. \$2.00

The Map Heritage: a series of edited reprints of short writings on cartography and the use of maps in the development of civilization. Printed by Mr. Otness on his own handpress. Available from Mr. Otness at 990 Mary Jane Street, Ashland, Oregon 97520.

U.S. National Ocean Survey. Rockville, Md. 20852

List of free and inexpensive educational materials. Revised list 9/15/77.

List of charts, maps, pamphlets, brochures.

Free

Write NOS, Physical Science Services, Rockville, MD 20852.

Society of University Cartographers.

Proceedings of the 1976 Exeter Summer School of the Society of University Cartographers. Edited by Glenys Bridges. 1977. Price, incl. post: £1.00

Available from Glenys Bridges, Map Library, Department of Geography, University College of Swansea, Singleton Park, SWANSEA, SA2 8PP, U.K.

Piloni, Luigi.

Le Carte Geografiche Della Sardegna. Cagliari, Sardegna, Editrice Sarda Fossataro, 1977? \$100.

Described by the publisher as "an in folio volume of 464 pages with 166 plates of which 42 coloured, wholly bound in cloth, cm. 30 x 42."

Editrice Sarda Fossataro, Viale Elmas, 154, Cagliari, Sardegna. Or, offered by Rudolf Muller, International Booksellers BV, P.O. Box 9016, Amsterdam.

CONTENTS: Classic Antiquity; From the XII to the XIV Century; Renaissance; The XVII Century; Modern Maps: XVIII and XIX Century; Contemporaneous Cartography; Appendix with maps and views.

Australia. National Mapping Council.

Report on work completed during the period 1945-1975. June 1976.
Prepared on behalf of the National Mapping Council of Australia by the
Director of National Mapping. Canberra, 1976. NMP/75/014
[2 l.] 97 l. of maps. 30 cm.

"The object of the present report is to give a consolidated picture of the
work completed during the period 1945-75 and, appropriately, it consists of
series of diagrammatic maps."

"The following maps [97] show cumulatively, by five year epochs, the work
done between 1945 and 1975:

AUSTRALIA [48]

Geodetic Control Surveys Levelling Control Surveys
Aerial Profile Recorders - Laser and Radar Astronomical Stations
Air Photography Photomaps Orthophotomapping at 1:100,000
Topographic Mapping at 1:100,000 and larger Topographic Mapping
at 1:250,000 Bathymetric Surveys Bathymetric Maps @ 1:250

AUSTRALIA AND PAPUA NEW GUINEA [24]

1:1,000,000 Mapping World Aeronautical Charts 1:1,000,000 Mapping
International Map of the World Hydrographic Surveys
Hydrographic Charting

ANTARCTICA [13]

Geodetic Control Astronomical Stations Air Photography
1:250,000 Scale Mapping 1:1,000,000 Scale Mapping
Hydrographic Charting Satellite Imagery Photomaps

PAPUA NEW GUINEA [12]

Geodetic Control Surveys Astronomical Stations Air Photography
Photomaps 1:100,000 and Larger Scale Mapping 1:250,000 Scale

Australia. National Mapping Council.

Standard specifications and recommended practices for horizontal and ver-
tical control surveys. Canberra, 1976.
Special Publication 1, Second Edition. First Edition April 1966, Second
Edition November 1976. Prepared on behalf of the National Mapping Council
of Australia by the Director of National Mapping. Canberra. NMP 76/160.

Minnesota. University. Wilson Library. Map Division.

Catalog of aerial photography in the Map Division, Wilson Library, Univer-
sity of Minnesota, Minneapolis, Minnesota. Prepared by The Map Division and
Minnesota State Planning Agency. Funded by Legislative Commission on Min-
nesota Resources. St. Paul, Minnesota State Planning Agency, June 1977.
[iii] 50 p. 28 cm.

Copies available from: Documents Section, 140 Centennial Building,
658 Cedar Street, St. Paul, Minnesota 55155

Minnesota. State Planning Agency. Environmental Planning Division.

Inventory of aerial photography and other remotely sensed imagery of
Minnesota. Prepared by: Minnesota State Planning Agency....
[iii] 99 p. 28 cm. St. Paul, June 1977.

Copies available from same address as above entry.

Merrett, Christopher Edmond.

Map cataloguing and classification: a comparison of approaches.
University of Sheffield Postgraduate School of Librarianship & Information Science. Occasional Publications Series, No. 7. 1976. \$4.00
30 p. Bibliography, appendixes.

U.S. Geological Survey (comp.)

Index of geologic maps of Arizona.

Appears in the Spring 1977 issue of Arizona, Bureau of Mines Fieldnotes, Vol. 7, No. 1, pp. 6-18.

The National Atlas of Japan. Tokyo, Japan Map Center, 1977.

400 p. 42 x 59 cm. (English edition)

*Scale of maps mainly 1:2,500,000 and 1:4,000,000
Japan Map Center, c/o Kudan Ponpian Building, 8-8 Kudanminami 4-chome
Chiyoda-ku, Tokyo, Japan 102 Price: ¥ 80,000 + post, pack, & insurance.
Pro Forma invoices are sent upon receipt of your order; after receipt of
your check, the Atlas will be sent via sea mail.*

Atlas of Kentucky. P.P. Karan & Cotton Mather, editors. Lexington, Kentucky, University Press of Kentucky, 1977.

208 p. 25 x 36 cm. LC No. 76-24337 ISBN 0-8131-1348-2 \$19.50

World Ocean Atlas. Atlantic and Indian Oceans. Editor: Sergei G. Gorshkov.

Volume 2. 35 x 46 cm.

The pre-publication announcement (August 1977) from Rudolf Muller, International Booksellers, Amsterdam, Holland, indicates that this second volume will consist of seven sections: history of ocean exploration, ocean bed, climate, hydrology, hydrochemistry, biogeography, and reference and navigation-geographical charts.

There is no indication in this announcement whether Muller is offering the Russian or English edition. Price = ca. Dfl. 775,00

Rudolf Muller, International Booksellers BV, P.O. Box 9016, Amsterdam.

Friendly, Alfred

Beaufort of the Admiralty: the life of Sir Francis Beaufort, 1774-1857.
New York, Random House, 1977. \$15.

An excellent review of this work appeared in the Los Angeles Times, Wed., Oct. 5, 1977 - Part IV, pp. 3 & 7, by Robert Kirsch, Times Book Critic.

Kirsch notes that " ... winds are reckoned on the Beaufort scale." Beaufort " ... converted a lackluster map depot in 1829 into the world's finest maritime surveying and chart-making institution. Americans once used the phrase "sound as a dollar" to describe value and integrity. "Safe as an Admiralty chart" was the way the British put it." The Hydrographic Office was headed by Beaufort when he became 55-years of age.

"Perhaps the best summing up of the man's work is that some 80 of his charts, of the nearly 1,500 produced by his office, are still in use, the copper plates corrected by new data tapped into the metal but the same plates which came from this man's work."

Kish, George

The Discovery and Settlement of North America, 1500-1865; a cartographic perspective. Harper & Row Media, 1977? 91

200 35mm slides, Instructor's Notes, and Audiotape Cassette \$210.00
CONTENTS: 1. Maps of a New Continent: 1494-1700; 2. Regional Maps of North America: The East 1591-1691; 3. ... :The East 1700-1785; 4. ... : California & the Southwest 1598-1847; 5. ... : The Coasts 1675-1857; 6. Territorial Formation of the United States: 1776-1856; 7. Maps of Canada: 1565-1867; 8. Mapping the Routes of the Explorers: 1754-1858; 9. Maps made by American Army Engineers: 1798-1830; 10. Maps dealing with Indian Affairs: 1757-1837; 11. Maps for emigrants: 1819-1859. 12. Building canals and railroads: 1826-1858; 13. Survey systems: 1639-1890; 14. American city maps: general 1524-1863; 15. American City maps, showing growth of certain cities: A. Quebec: 1733-1764 / B. Detroit: 1763-1810 / C. New York: 1661-1859.

In addition to the collection of slides, an accompanying audio cassette records a dialogue between Professors George Kish (University of Michigan) and William Willcox (Editor of the Franklin papers, Yale University) on the role which maps have had in the shaping of North American history, and the relationship between cartography and history.

The Instructor's Notes describe each slide and includes background material.

United States. Library of Congress.

Nautical charts on vellum in the Library of Congress. Washington, D.C., Superintendent of Documents, U.S. Government Printing Office, 1977.
Compiled by Walter W. Ristow and Raleigh A. Skelton. \$6.00
xi, 31 p. LC No. 76-6923 ISBN 0-8444-0181-1 SuDoc#030-004-00016-7

See a review of this item elsewhere in this issue, by Roy V. Boswell.

The Map Collector. Map Collector Publications Ltd. Church Square, 48 High St; Tring; Hertfordshire HP23 5AE, England. Annual Subscription Rates: UK and overseas, by Surface Mail, £15.00 (U.S. \$27.); Second Class Airmail: Canada, USA/India/S. Africa: £17.00 (US \$30.); Australia/New Zealand/Far East: £18.00 (US \$32.)

Editor of this new quarterly magazine is Ronald V. Tooley; editorial advisers are Professor Eila M.J. Campbell, Head of the Geography Department of Birkbeck College, University of London, and Harry Margery, well known publisher of facsimiles of early maps.

The first issue will be published on December 1, 1977, and thereafter in March, June, September and December. Subscriptions received on or before December 16, 1977 will last until February 1979; therefore, a bonus of one issue will be received by early subscribers.

In addition to illustrated feature articles, news items, and letters to the Editor, The Map Collector will contain auction reports, atlas collations, an international directory of dealers, and classified advertising.

The first issue will include a biography of the 17th century cartographer, John Speed.

A cumulative index will be published at regular intervals.

Karrow, Robert W.

- 92 Sources of maps for Midwestern local and family history: a checklist.
[compiled by Robert W. Karrow, Curator of Maps, The Newberry Library,
May 1976]. Chicago, The Newberry Library, 1976.
12 p. 23 cm.

An annotated bibliography, 56 items, of cartobibliographies. Free.

Australian National University, Canberra. Research School of Pacific Studies.
Pacific Manuscripts Bureau.

Gazetteer of Obsolete/Alternative Names of the Pacific Islands with their
current equivalents, and, A gazetteer of current names of the Pacific
Islands with their obsolete/alternative names. Canberra, Australian National
University, 1976.

[26 l.] 30cm.

Heynen, William J. (comp.)

Agricultural maps in the National Archives of the United States Ca. 1860-
1930. National Archives and Records Service. Reference Information Paper
No. 75. Washington, 1976.

viii, 28 p., 23 cm.

*Describes the significant pre-1930 map series in the Cartographic Archives
Division that are oriented toward agriculture and such related topics as
rural land use, vegetation, and climate.*

Netherlands. Royal Library.

Bibliografie van in Nederland verschenen kaarten, 1975. Koninklijke Biblio-
theek, 1977. price = f 17,50

*This Bibliography of maps published in the Netherlands, 1975 was scheduled
for publication in September 1977. It is the result of close cooperation
between the Koninklijke Bibliotheek (K.B., Royal Library) and the Bureau
Centrale Catalogus Kartografie (CCK, Dutch Union Map Catalogue, DUMC) of the
Nederlandse Stichting Informatie- en Documentatie-centrum voor de Karto-
grafie (the Dutch Information- and Documentation centre for Cartography).*

*The ultimate goal of this bibliography, which is to be published annually,
is to give as complete as possible a survey of the Dutch map production.
This objective is parallel to the efforts of the K.B. to start, among other
things, a complete collection of maps published in the Netherlands, within
the framework of the Depot van Nederlandse Publicaties KB (Deposit of Dutch
Publications KB). The description of the maps of this collection will be
made by the Royal Library according to the DUMC system and are included
into the automated DUMC data base. In this manner the bibliography can
efficiently be composed photographically by use of a magnetic tape generated
from the data base.*

*The 1975 volume, or a standing order for future volumes as well, may be order-
ed from: Administrator of the Royal Library, Lange Voorhout 34, The Hague,
Netherlands.*

Weinstein, Robert A., and Larry Booth.

Collection, Use, and Care of Historical Photographs. Nashville, Tennessee,
American Association for State and Local History, 1400 Eighth Ave. South,
Nashville, TN 37203. \$16.00

British Library.

Catalogue of Printed Maps, Charts and Plans. Ten-Year Supplement,
1965 - 1974. London, British Museum Publications, Ltd., 1977. £45.00
ISBN 0-7141-0366-7

Canada. Surveys and Mapping Branch.

A Guide to the Accuracy of Maps. Technical Report Series. 1976.
[Ottawa, Canada Map Office, 1976]

Catalogue No. M52-46/1976 Stock No. SMP-1223E ISBN 0-660-0110-X
Price: Canada \$.50 Other countries: \$.70 (Canadian \$)
Also available in a French edition: Catalogue No. M52-43/1976F, ISBN 0-
660-01101-8 Stock No. SMP-1223F (same price)

Topics covered in this 16-page booklet are: Theory of Measurements;
The Working of Chart Paper; Errors in the Projection; Errors in Map Mak-
ing; Accuracy Criteria; Linear Measurements; Height Measurements; Bench
Marks and Spot Heights; Measurement of Angles; Reason for Different Rat-
ings; Completeness of the Topographic Depiction; Statement of Accuracy
and Validity Date; and, Tables: Error Distribution, Horizontal Standards,
and Minimum Dimensions of Certain Topographic Features.

SAMES, JAMES W., compiler.

Index of Kentucky & Virginia Maps, 1562 - 1900. Kentucky Historical Soci-
ety, 1976.
287 p. LC # 76-3233 ISBN 0-916968-04-9 \$15.00

PROLOGUE / The Journal of the National Archives. Fall 1977. Volume 9, No. 3.

Prologue is published quarterly by the U.S. National Archives and Records
Service, Washington, D.C. 20408.

This issue is of particular and special importance to map librarianship
for it contains five articles about maps and/or map-makers:

Ralph E. Ehrenberg: Taking the Measure of the Land [*illustrated with
thirteen beautiful maps, some in color.*]

Denis Wood: Now and Then: Comparisons of Ordinary Americans' Symbol
Conventions With Those of Past Cartographers

Diane M.T. Rose: The Maps, Plans, and Sketches of Herman Ehrenberg
[*of special interest to those interested in the history
of cartography as it relates to the American West;
incl. Hawaii, Oregon, California, Arizona, and Sonora.
The author gives thanks to WAML's Phil Hoehn at The
Bancroft Library for his assistance.*]

Peter J. Guthorn: Revolutionary War Mapmakers [*relates the postwar em-
ployment of cartographers*]

Gary L. Morgan: Notes on Genealogy [*relates how cartographic material
can be useful in genealogical research - by the head of
reference for the Cartographic Archives Division, U.S.
National Archives*]

[Wood, Rose, & Guthorn presented these topics at the VIIth International
Conference on the History of Cartography, Washington, DC, Aug. 7-11, 1977]

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Hoehn, R Philip, 1941-
Union list of Sanborn fire insurance maps held by institutions in the United States and Canada.

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Bibliography: v. 2, p.
CONTENTS: v. 1. Alabama to Missouri. - v. 2. Montana to Wyoming. Canada and Mexico.

1. Insurance, Fire - Unites States - Maps and surveys - Bibliography - Union lists. 2. Insurance, Fire - Canada - Maps and surveys - Bibliography - Union lists. 3. Insurance, Fire - Mexico - Maps and surveys - Bibliography - Union lists. 4. Sanborn Map Company - Bibliography - Union lists. I. Peterson-Hunt, William S., 1955- joint author. II. Woodruff, Evelyn, L., 1946- joint author. III. Title. IV. Series; Western Association of Map Libraries. Occasional paper; no. 2-3.

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[Occasional Paper No. 1: Catalogue of Sanborn Atlases at California State University, Northridge, by Gary W. Rees & Mary Hoerber, is available from the above. \$4.00 each, plus tax for California addressees.

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