Western Association of Map Libraries

"...to encourage high standards in every phase of organization and administration of map libraries..."
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**Subscriptions** to the Information Bulletin are $20.00 per volume-year; three issues per volume-year. November, March, June. $3.00 post out of US.

**MEMBERSHIPS AND SUBSCRIPTIONS ARE AVAILABLE ON A FISCAL YEAR/VOLUME YEAR BASIS ONLY. Mid-year joiners/subscribers will receive back-issues for that year. The Fiscal Year/Volume Year is July 1st through June 30th.**

Back issues of the Information Bulletin are available for $10.00 per volume or portion thereof from Subscription Manager. All issues available.

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US ISSN 0049 — 7282

LC # 72-625238
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"VERSO" - The Editor's Chair

ADVANCING BY DEGREES

With this issue we add a new series under the direction of Mary Larsgaard, Map Librarian at the Arthur Lakes Library, Colorado School of Mines. This series will focus on graduate education for map librarians, "Advancing by Degrees." It is a new twist for our otherwise rogue profession. In her first installment, Mary starts at the beginning with an overview of the effect such an experience will have. In the process she neatly paraphrases the mission of the librarian, and the point of bothering with graduate school.

WAML HELPS THOSE WHO HELP THEMSELVES

If you would like to polish your writing skills and maybe enhance your resume, why not join us on the IB editorial board? If you've long had a particular map interest, we will be happy to consider adding a regular or irregular feature. There are a number of topical specialities deserving more exposure than they get now. LEAPING (?) to mind are soils, bathymetric, hydrographic, geologic, energy, roads, urban, demographic, census and political mapping all deserving a truly obsessed individual treatment (a moderately interested professional might also be considered).

While altruism is not discouraged, these subeditorships carry with them carte blanche to solicit review materials gratis -- for which we will supply WAML letterhead stationary -- and an official license to snoop, one of those rare social opportunities to do so and receive a pat on the back for it!

WAML PINPOINTS PRINCIPAL PARAMETERS

Discussion commenced at the Davis meeting on expanding the Principal Region boundaries of WAML, to include at least West Texas. Our founding fathers were intentionally vague in defining WAML's boundaries. "Western" conjures different images in the mind according to need: it is the "western" of the west coast, western North America -- actually northwestern North America, since the principal area does not now include Mexico --; Certainly the "old southWEST" has a legitimate claim for inclusion, based even solely on its name. When it comes to meeting venues, it has been suggested by some that a glance at the IB's cover explicitly suggests the western hemisphere as our oyster. But why stop there? There's "Western" Civilization -- that would allow us to
meet as far east as Greece -- and the "western Pacific", which excludes only a small fraction of the earth. Even then, southWES'T Asia qualifies, and has one more letter in its spelling than the "old southwest", affording it greater alphabetical weight. Readers may note that until these guidelines are firmed up, the Editor will exercise his perogatives by including a report on the Holland Land Company Project because it concerns "WESTERN" New York State, but gives only token coverage to New York City's new computer mapping project because it covers the southEASTern part of the same state. This seems eminently reasonable and as rational a policy as is used by any journal.

La Jolla
October 1985
ADVANCING BY DEGREES

First in a Series.

by

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The Golden Story

Hello, all you sane persons out there -- yes, you, the ones who have wisely not attempted simultaneously to work full-time and go to classes full-time. Speaking as one who has tried it -- and intends not to do so again -- such a course is neither advisable nor practicable.

Hereby follows a cautionary tale (plus no-nos - I know they are, I did them all the wrong way first, just to help you out), giving an example of what can happen.

In September of 1983, I began taking classes [aiming toward a Ph.D. in Geography] full-time (you may notice how I harp on that point) at the University of Denver (DU to the cognoscenti), not exactly blithe, but at least not cast down in despair. My first mistake was taking sixteen credits that fall quarter, an error I did not repeat, especially when I happily discovered that ten credits was considered a full-time load. Matters improved a great deal when I eased down the next quarter to twelve credits, and all remaining quarters to ten credits. But this did not ameliorate the work atmosphere at the library, where, in spite of the facts that:

a) a clerical assistant (who enjoyed working with the public) was in the Map Room while I was at classes; and,

b) I was taking vacation leave and compensatory time (I'll bet you've wondered how I got my map collection 96% cataloged --- by working almost every Saturday the spring and summer of 1983, that's how), not administrative leave, for hours away from the office;

the animosity toward me from other library staff was considerable, and rightfully so, since in a library with only seven librarians and a grand total of nineteen staff, when one person is gone, everyone feels the strain. So -- when I needed one more full-time quarter, in fall of '84 (so that I would have the five consecutive full-time quarters required for graduation), I was forced to work
a forty-hour week (7am-4pm), plus taking on a new task (Assistant Director for Special Collections), and going to classes 5:30-9:30pm Monday and Wednesday. Oh, and the class from 7:30 to 9:30pm was - wait for it - Accounting. That quarter qualifies as the most exhausting four months of my life.

Now I've voyaged through to the relatively easy part, where I may take one class per quarter. But the previous year or so has enabled me to formulate a few rules (not necessarily in the order of importance) for the education-bound:

1. Try to work on your advanced degree at a university within walking distance of your work place. If you can't do that, and must commute, do NOT have as your vehicle a fourteen-year-old car that suffers major catastrophes the day before your finals. And do be sure to arrange for good weather - no eighteen-inch snowfalls that paralyze the entire metropolitan areas, no hallstorms that destroy softtops and badly dent ordinary auto roofs. Get the picture?

2. Try not to pick a university that costs $200 per credit hour. At 56 hours for an M.A., and 100 or so for a Ph.D., this is going to mount up a bit; in fact, why don't you just do your undergraduate degree again, but this time at a prestige school, like Wellesley or Stanford (it would be about the same cost)?

3. First, buy a pc with word-processing and number-crunching abilities, THEN start on your degree. Because after you start on the latter, you won't have the money to do the former, and the former will be essential, not only to obtain your degree but to keep your sanity.

4. Helen Armstrong was right when she told me that if I could avoid it, I should not take out a loan to work on an advanced degree. But - to keep on speaking (rather than snarling) terms with the other library staff, it would have been better if I had taken a half-time contract, so that the library could have filled in with another half-time librarian.

5. The most valuable classes have been the MBA preparatory courses (no, I'm not working on an MBA degree, it is just that I wisely chose business as a minor) - management; macroeconomics; accounting; microeconomics; finance (the latter two being yet to come, probably in the 1986-87 year), and the two geography courses cleverly saved for last (so that the other library staff can see I'm doing something directly related to my office work) - remote sensing, and computer cartography (I've already taken beginning and advanced cartography, and aerial photography interpretation). The business courses are a somewhat peculiar experience, in that the classes are
filled with persons working in for-profit businesses, and their attitude is of necessity quite different from that of a librarian working for a non-profit organization - but don't let that stop you from going. Libraries are indeed businesses - peculiar (that word again), but businesses - and very often, the principles expounded in these courses require little restatement to apply directly to libraries. Some universities offer business courses specifically aimed toward non-profit organizations, and these may be worth your time.

6. Everything always takes longer than you think it will. Especially those tasks you didn't much want to do anyway. And, even worse:

7. Everything always costs more than you think it will. Figure out how much you think the degree will cost, then add at least 10%, to account for things like tuition increases, meals away from home, etc. And just wait until you pay your first quarter's book bill - mine was $110.

8. Finish off all your major projects at work BEFORE you start on the degree. I thought I would have everything completed before the classes really got to me, but somehow managed to be working on a Map Online Users Group automated-map-cataloging manual and a manuscript on topographic mapping of the Americas and Australia & New Zealand, at the same time I was "up to here" in classes. Trust me - it won't work. Not only does everything not get done as promised, what is done is not done well.

9. Realize that most geography departments are still oriented toward fulltime students, or students who work only in the geography department; it is difficult for them to view as anything other than dilettantes persons who, while taking geography courses, still consider library work to be worthy of their time. Don't waste your time on the defensive - be absolutely sure in your own mind that libraries are one of the single greatest forces for social good in the world today! If you do not have this attitude, you will spend - no, waste - time apologizing to the faculty members because you aren't hovering around their doors all the time.

So now, as I slowly swim back toward the surface, and start getting myself back into map-library-land (and by the way, I can't tell you how much I've missed all of you), my feelings are generally positive about what I've undertaken (of course, they'd better be, after all of the money I've invested). I especially encourage you to take the beginning MBA courses, for they are truly worth the time, money, and aggravation; after I'd taken them, my only question was, "Why wasn't I smart enough to elect to take these courses ten years ago?" I am beginning to recognize
the benefits of being forced into a different way of thinking, of discovering my limits, and of noticing a new corollary of the brick-wall theory (i.e., it feels so good when you stop) - after having pushed myself so hard for that eighteen or so months, now the normal avalanche of things-to-do is almost easy. Why, I can actually see the top of my desk (what do you mean, "But not all of it!" - hey, you can't have everything). I think back on the fun of realizing that I was the oldest person in the classroom, and that includes the professor; of realizing that I now have a totally different attitude toward grades - in the past (dare I say, in my youth), I saw classes as a game, and my aim was to get all A's by whatever honest means; now, I look at how each class's information can advance me now, in my work, and I am not the slightest bit interested in spending time on something that does not advance that work. I've also realized that there are three main requirements for a dissertation - it must be tedious, boring, and time-consuming - but I feel very strongly that I've done my time with that kind of thing, and I firmly intend to enjoy myself with my dissertation (a central-place-theory study of drinking establishments in Colorado mining towns). And most of all, I realize that I look forward to rediscovering, and revelling in the experience for the second time, that map librarianship is the best legal way to work hard and have fun.
Denver Public Library's
Colorado Computer Map Electronic Atlas

by

Donna Koepp
Map Librarian
Denver Public Library

The Colorado Computer Map Electronic Atlas is a system designed to answer the needs of the individual who is analyzing demographic information geographically. It is a system designed for the general user—the small business person, the marketing consultant, student or planner, among others. A person need not be a cartographer or geographer or a computer wiz to benefit from the system. Our users are primarily those who are using census data, and who are interested in viewing and/or presenting this information graphically. The system is truly one that supplies maps for the public good and for the general user.

The Colorado Computer Map Electronic Atlas was developed through the cooperative efforts of two agencies. The Denver Public Library and the Colorado Department of Local Affairs. The staff of the Government Publications Department of the Denver Public Library has worked with the staff of the Colorado Department of Local Affairs for several years through our activity as a State Data Center Affiliate. It was at one of the State Data Center Meetings that we began brainstorming about how we could better meet the needs of the general user.

Very often, at the Government Publications reference desk at DPL, I had requests from census users for a geographic spatial display of the census information they were using, especially at the census tract level for the city and county of Denver or the Denver-Boulder metropolitan area. Data graphically displayed, in this way, is many times easier to analyze than the way it is presented in the Census books in tabular format. If one were to spend just three seconds evaluating each value of each variable in the Census Bureau's Summary Tape File 4 for the State of Colorado, it would take nearly 15 years of examination. Presented graphically, however, data that would require many pages of tables, can be presented on a single sheet.

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It's the same old cliche, a picture, or in this case, a map, is worth a thousand words, or, in this case, 153,000 computer bytes of data.

Users of Denver demographic data had become accustomed to this type of information in color map format through the use of the Urban Atlas, put out by the Bureau of the Census with 1970 data, and a later publication, put out by the Denver Planning Office and the University of Denver which presented 1975 data in color graphic format. Since the Bureau of the Census made the decision not to publish the Urban Atlas for the 1980 Census and there were no plans for the Denver Planning Office or the University of Denver to update their Denver Atlas, there was a clear need for something to take the place of the two outdated sources.

The capability for providing this type information existed at the Department of Local Affairs in their Automated Geographic Information System. Bob Puterski, Colorado's Senior Cartographer, had managed this system since its inception in 1980, when they used the 1980 census data in the reapportionment of the State of Colorado for Congressional redistricting. The census data tapes were already part of the AGIS data base. What was needed was some vehicle for getting the information—the census data in color graphics format—to the user.

Discussions and brainstorming followed between Bob and myself. We discussed my users' wants and needs and Bob's capabilities with the existing GIS system. My first suggestion was that perhaps Bob could supply specific maps to our users, on demand, say within 24-hours, using his data base and pen plotter, for a fee, which I believed, in most cases, our users would be happy to pay.

The problem with getting maps "on demand" as our users requested them, was that the Automated Geographic Information System office, at that time, was a one man operation. Bob was a Department of one, and would not always be able to meet a 24-hour deadline, or in some cases, not even a one week deadline, depending on other demands.

The idea of getting their products out to the people, however, was one that interested Bob, since the Automated Geographic Information System has always sought ways to make its services and products available to the general public and local governments as well as to other state agencies. Although "available," the geographic information services were not very "accessible" for the general user. Hidden away in the basement of a large state office building, most people didn't even know the office existed.
For this reason, the Denver Public Library was seen as an attractive partner. The library is highly visible, our primary business is the dissemination of information, and the Library was already the place where people were coming for Census information and also hoping to find that data graphically displayed.

This is the point at which we were in November 1983—the point of looking at options on how we could improve our delivery of information to our users utilizing existing technology and without great expense. The computer hardware firm, Tektronix, had just come out with a new line of color graphics terminals and ink-jet printers that were very reasonably priced. We saw this as a possible opportunity to provide the user with a computer system through which he/she could access maps of census data via a menu driven system not unlike the one our users were using for our on-line catalog at the Library.

The Denver Public Library administration had been encouraging staff for several months to think of ways to generate revenue, or institute fee based services. A computer system that could provide our users with a colored map they could take with them, showing census data, seemed like a good candidate for a service and product for which we could charge a fee.

As our planning evolved, it was decided that the public access point would be located in the Government Publications Department of the Denver Public Library. It would consist of a color graphics terminal and hard copy printer purchased by the Library, connected to the State data base via a 1200-baud modem and phone line.

The Automated Geographic Information System Office would provide the data base, which already contained the 1980 census data, and the programming and development expertise to put the system in place, plus provide some training so that I would be able to assist in building the map file.

A modest telephone marketing survey was conducted from the library to determine expected volume of use, most frequently desired geographic area configuration—that is, data by county for the state, by census tracts within the city and county of Denver, or for the metro area,—most frequently needed census variables, and how much people would be willing to pay. The information obtained from the survey was then put into a proposal, along with our plans for hardware and methodology for implementation, and presented to the Commission and administration of the Denver Public Library. Approval was eventually gained from both bodies.

On the financial side, the Denver Public Library needed to come up with $5600.00 for a Tektronix 4105 color graphics terminal and a 4695 color ink-jet printer. Service contract and supplies for the first year were estimated to be an additional $1200., and money for promotion added another $2500. Based on the anticipated level of use determined by our survey, we expected to be able to
generate enough revenue in three years to pay for our initial investment. It was clearly not seen as a great money making venture. We would be charging $5.00 for the first half-hour of browse time on the terminal, and the first map, and $3.00 for each map thereafter. Out of this, $1.00 and 87.50 respectively goes to the State Department of Local Affairs to cover their costs in this operation.

The real benefits of the system are seen to be in providing low cost spatial analysis of census data to the general user, the small business person, researcher or student; in raising the awareness of the library user to geographic information systems and what these systems can do, even beyond our Colorado Computer Map System; and in demonstrating that libraries are moving into the electronic age. The cooperative element in this project, and the good will generated between agencies and levels of government, must also be viewed as a benefit.

HOW IT WORKS

A color graphics terminal and ink-jet printer are located on the reference counter in the Government Publications department of the Library.

As the user browses the system, only the number key pad and enter button on the right of the keyboard need be used. The rest of the keyboard is locked, to protect the system.

The first image on the screen is a page of text which tells the user about the system, in general the kind of information on the system, that it was developed by the Colorado Department of Local Affairs for the Denver Public Library, and a phone number to call for additional information.

The next screen tells the user the geographic configurations of the maps on the system and instructs the user to enter the number of the configuration desired. When this is done it brings up the next menu which is a list of all the maps available on the system for that particular area. There are about sixteen maps available at this time for each of the geographic regions.

From this list, the user chooses the maps s/he wants displayed on the screen—or decides to go to another geographic area display.

It takes about five minutes for the maps sent to be completely drawn on the screen. It's a rather slow process—as far as computers go—because the maps are not filed as complete maps in the system. Each time a map is called up, the system draws the map from scratch. The reason for this is that a map, especially a solid color filled map, takes up an entire megabyte to store. That would require more disk space than we have available to us. Bob has programmed the system to have the title
and the variable ranges, with their respective colors, come up first, so that the user can observe the distribution of variable intensities as the map is being drawn on the screen. This serves two purposes—to make the time it takes for the map to be drawn seem a little faster, and it helps the user be more aware of how the information is actually displayed on the map.

After the map is complete on the screen, if the user decides it is the map wanted, the copy button is pushed and the printer generates a colored 8.5" x 11" copy of the map, ready to slip into a report or for a presentation.

Printing takes about 2 to 3 minutes.

In addition to the City and County of Denver map, a Colorado map displaying county data, and two versions of the metropolitan area map are also available.

The Colorado county map showing per capita income makes it very easy to see that the highest income is in Pitkin County, home of Aspen. Overall the State is divided into a wealthier northern part where agriculture on the plains is irrigated, and the western slope of the mountains in 1979 was involved economically with oil shale. The southern half of the State shows a lower level of income.

There are two configurations of the Denver-Boulder metro-area map. One covers a broader area and takes in all urban areas in the metropolitan counties. The other windows-in on the most densely populated area of the SMA. Both show data by Census Tracts. A map that was developed recently and added to the system shows the distribution of the population 4-years-of-age and under. This map was developed specifically for someone planning to establish a preschool. It has been used since by another business person to obtain a loan to begin a children’s clothing store.

The system also has a seven-mile radius map. The maps currently in the system are centered on Denver's central business district. Although we haven't done it yet, plans call for developing a radius map centered on each of Denver Public Library's twenty-one branches. They will be used in the community analysis in which the Library is currently involved. They will show such variables as age, educational attainment, income, white-collar and blue-collar employment, number of children by household, etc.

MAP DESIGN

Just a word about the design of the maps. As a cartographer and the computer program designer of this project, Bob Puterski had to make some compromises on the final product. Number one, the hardware dictates an 8.5" x 11" format, which really meant
designing the map in a 7 by 9 inch useable area. Since we live in an 8.5" by 11" world, there were advantages to this as well as some disadvantages. Since most people seem to want 8.5" by 11" size to fit into reports, we found that the size was acceptable for most of our users, most of the time. The image size, however, being just 7 by 9 inches, and the resolution that we are working with, does not allow us to label streets, number census tracts or name counties, so users must identify these areas by shape and proximity. For most, this is not a problem. For those who must have a larger size or special treatment which can't be handled by the system, Bob will do the map on his large pen plotter at the AGIS, and charge an appropriate fee.

A standard arrangement was decided upon for all maps in the system. The title, key, and source information and the map itself are located in the same position on each map, which saves considerable time in building the map file.

Working with color can be a bit tricky, and background color, especially, can give an entirely different look to the map. Intensity of colors, proximity to one another, and the values assigned to each color, must all be considered carefully.

The relationship of the colors on the screen to the colors on the paper when the map is printed must be considered also. For instance, what we see in white on the screen is black on the printout.

PROSPECTS

Future plans for the Colorado Computer Map system call for adding more maps to the existing selection of geographic breakdowns. In addition to the demographic data available now, more housing and economic data will become available in the future. We will be adding other statistical areas, such as the Denver statistical neighborhoods, which many of our users want, and also ZIP code breakdowns, which many businesses, and banks in particular, would like to have.

Also in the future Bob hopes to design the system to allow our users some latitude in designing their own maps. They will be able to choose the geographic area and the statistical breakdown they want, and the variable or combination of variables, the class intervals, and colors to represent them.

THE LIBRARIANS' ROLE

Although the proposal that I wrote for the Library Commission and administration estimated the number of hours I would spend being trained and actually working on building the map file on the system, my estimate was found to be entirely unrealistic. There were not enough hours in my week to do all that I was committed to do at the Library plus spend the amount of time I should have
spent to learn the system. For this type of project, large blocks of time are needed to learn the system and actually build the map file. Although I devoted approximately thirty hours to this activity, this was only half of what had been proposed.

Promotion has been another problem. Although the proposal allowed some money for promotion of the system once it was in place, that money was not actually available from the Library budget. Promotion money was dependent on grant money, and consequently, we have done no promotion of the system to this point. [Sept. 1985] A color brochure has been designed, and the mailing list is ready, but money is needed for printing the brochure, and mailing it out.

In summary, with the two exceptions just mentioned, my lack of time for the project, and a lack of money for promotion, the system has lived up to all of our expectations. We are quite satisfied with the quality of the maps we are producing, and the users who are aware of the system are happy to be able to get the maps they need. We are looking forward to developing more maps and serving even a broader audience in the future.
BENCHMARKS II

June Crowe  Member of WAML, Tucson, Arizona, has been appointed Librarian for the City of Tucson's Planning Dept. She had recently worked at the University of Arizona's Office of Arid Land Studies as a training coordinator for Yemeni students to obtain training as library technicians.

IN MEMORIAM

EDWIN H. BRYAN JR. -- died July 24, 1985 at age 87 in Honolulu.

Ed was one of the twenty-nine founding members of WAML in 1967 and remained a member until the 1978/79 membership year, at which time he "retired", passing along to Lee Motteler some of the responsibilities that he had maintained at the Bernice Bishop Museum in Honolulu for over six decades.

Christened Edwin Horace Bryan III, he was born on April 13, 1898, in Philadelphia. He grew up in California. On the invitation of his uncle, Bryan moved to Honolulu on July 4, 1916. He enrolled in the College of Hawaii and studied botany and entomology. In the summer of 1919 he was hired as an assistant in entomology at the Bishop Museum. This began a career that included service as Map Librarian, as well as Curator of the Museum, and culminated only at death - an unparalleled career of sixty-six years that was interrupted only by military service during World War II.

His geographical interests included the publication of Captain Bryan's Pacific War Atlas during the war years. In 1942 he began a title that is still being published: Bryan's Sectional Maps of O'ahu - a popular street guide. In 1960 he founded the Pacific Scientific Information Center at the Bishop Museum. It is a clearing house for a wide range of geographical and scientific information and materials.

When Ed first joined WAML, I recall reading his letter in which he described his saving from the incinerator a truckload or more of captured Japanese maps of Pacific islands. What was surplus to the military was valuable cartographic treasure to Ed Bryan and he had the military trucks redirected to the Bishop Museum. Included in this salvaged material is a collection of aerial photographs which today are being preserved under the guidance of Larry Cruse at UC San Diego and the WAML microform consortium (see WAML IB June 1985, pg. 344).
Ed Bryan's knowledge of the Pacific islands was encyclopedic, and his personal contact with researchers throughout the world made him one of the most respected and beloved men in the circum-Pacific. In addition to the lengthy obituary that appeared in The Honolulu Advertiser on July 26th, the Honolulu Star-Bulletin of July 27 carried the following tribute to him as an editorial:

Edwin H. Bryan Jr.

"Edwin H. Bryan Jr., who died Wednesday at age 87, was one of Hawaii's outstanding scientists and a fixture at the Bishop Museum since 1919. He was also well known for his Oahu street guide, published since 1942.

Born in Philadelphia, he grew up in California and moved to Honolulu in 1916, where he enrolled in the College of Hawaii (later the University of Hawaii) and studied botany and entomology.

He became curator of collections at the museum in 1927. In 1960 he founded the Pacific Scientific Information center, a clearing house for Pacific geography. He used royalties from his street guide and his pension to help finance the information center.

Mr. Bryan's contributions to science and to Hawaii were immeasurable. The community, and in particular the Bishop Museum, have lost a major figure."

Ed's death occurred while I was on family vacation on the Hawaiian Islands. I seized the opportunity to fly into Honolulu for the Memorial on August 3d. Held in the Hawaiian Courtyard at the Bishop Museum, about seventy-five of us sat through the occasional rain showers to hear several friends and colleagues eulogize Ed Bryan for his humanity and his dedication to the many professions that he for so long served. In addition to his interests in botany, entomology, and geography, he founded the Honolulu astronomical observatory (including the creation of star charts for the Pacific skies that are still in use).

During the Memorial, the Director of the Bishop Museum announced plans for a permanent memorial to be incorporated in construction plans for new Museum buildings.

In addition to letters of condolence read during the Memorial from Hawaii's Governor, as well as from Senator Spark Matsunaga, the Regents of The University of Hawaii issued a Proclamation in honor of Ed Bryan.

[Stan Stevens]
IN APPRECIATION & REMEMBERANCE

Mary Lloyd Blakeley

Our colleague, Mary Lloyd Blakeley, died June 16, 1985. Map Librarian at the University of Arizona for many years, her warm encouragement has been sorely missed since her retirement in 1983.

Mary's legacies to map librarianship in the Southwest are many, for her common sense was often the litmus test we used for new ideas. There was the time, for instance, when she participated in the scheme to hire a bonded import/export specialist in Calexico to bring maps across the border from Mexicali. Never mind that the agent was more familiar with fruits and vegetables than the intricacies of map sheet identification systems. From this inauspicious beginning, the present importation of Mexican mapping traces an unbroken line.

She was also one of the early backers of map microfilming, encouraging the experimentation which today finds us on the verge of full-color map microfiche as an alternative to paper sheets.

Her steady contributions to the WAML Information Bulletin's "New Mapping of Western North America" was consistent with her support of ideas she found worthwhile. This was over and above her own map collection's model accessions bulletin, the Map News Monthly, relied on my all of us for its recurrent special features on mapping in Latin America, as well as its thorough coverage of new mapping important to general research collections.

In addition to these legacies, Mary left a tradition of involvement with her staff at UA which continues to reward the profession, a continuing contribution to be proud of and striking those of us who knew her as a fitting memorial.

[Larry Cruse]
INTERESTING NEW MAPS

Washington, D.C. anonometric view; $5 folded/ $10 flat (+ $3 P+P) from David A. Fox Studios, P.O. Box 780, Narberth, PA 19072. Views of Boston, Chicago, New Orleans and Philadelphia ca. 1984, 1985 are also available.

Bathymetric chart of Lake Michigan, 1:800,000, by Ratko J. Ristic, and Jovanka Ristic. Colored. Thirty-foot contours, morphometric parameters, water levels, and currents. $5 + $1.50 P+P from Ratko J. Ristic, 3558 North Murray Ave., Shorewood, WI 53211 (from GIS Newsletter No. 96, Oct. 85).


Guia Roji wall map with colonia boundaries. Color coded to show average minimum wage multiples per community. Also shows industrial and commercial land use. Inset: pie charts of land use.

Available from SnyderScope, P.O. Box 84063, San Diego, CA 92138, tel.: (619) 466-6277, ca. $200. Also to be published shortly, similar maps for Oaxaca, Puebla, and Guadalajara, $300 each.


How to keep informed of hot spots in your travels: the World Status Map tells you where the wars and strife are and lists tips on how to avoid trouble.
[from the Sunday Travel section of the San Francisco Examiner, May 12, 1985] by James O'Reilly

"More than 40 nations share something in common: their people are killing each other in armed struggles across borders or in civil strife, with deaths in the millions.

In addition to governments toppling and volcanoes erupting, diseases break out, pestilence and famines spread, and not least of all, bureaucracies change their rules. All of this can be
quite a headache to the traveler. How do you best prepare to travel to a dicey place?

Traditional options are to call: 1) a friend who's been there; 2) your travel agent; 3) the consulate of the country you're planning to visit; 4) the local branch of the U.S. Passport Agency for current travel advisories and warnings.

And then, if you want a more global picture or are planning an extensive trip, another option is available: the World Status Map, published monthly in Virginia by WSM Publishing. This is a glossy one-page map of the world on which is crammed reports on all the miseries and dire events you'd care to know about, culled from the State Department, Center for Disease Control in Atlanta, the United Nations, the World Health Organization, and numerous foreign governments and wire service reports - more than 150 different sources in all.

The Map notes war zones and danger areas, State Department travel agencies and warnings, current passport, visa, vaccination and Center for Disease Control reports for all countries of the world, and 10 to 30 changes each month concerning health and safety. It lists things such as whether a given country has U.S. representation, whether you must have evidence of sufficient funds or a return ticket, if there is a departure tax, and currency exchange requirements.

It also makes note of those very important details: "If not staying at a hotel, must register with police within three days." "Married couples with different surnames, traveling together, not allowed in country unless proof of marriage is provided."

This single sheet of paper is infinitely informing but something of a shock to read - you'd think the world was ending if you dwell on it too long. Many of the advisories contain vignettes of violence or alarming little snippets such as, "Cameroon: Young Male Americans traveling alone or in groups are particularly at risk because of rumors of mercenary involvement in the coup attempt of April 6. A clean and well-groomed appearance might lessen the likelihood of arbitrary treatment."

To get the World Status Map (copies available for $4.50, $24 for a six-month trial subscription, $36 for a full year), write: WSM Publishing Co., P.O. Box 2533, Fairfax, VA 22031.

In San Francisco, the U.S. Passport Agency at 525 Market St. (phone 974-9941) posts all State Department travel warnings and selected advisories on a public bulletin board.

If you need to find medical help abroad, best you belong to the International Association for Medical Assistance to Travelers (736 Center St., Lewiston, NY 14092 (716) 754-4803, or IAMAT for short. Membership is free, although a donation is requested, and includes the IAMAT world directory of English-speaking physicians and a world immunization chart."
[From: Farmer Cooperatives, May 1985 (SuDocs A 109.11:52/2), a monthly of the U.S. Department of Agriculture]
PUBLICATIONS OF RELEVANCE

Hecker, Helen. Travel for the disabled. Twin Peaks Press, P.O. Box 8097, Portland, OR 97207. 192 p. $9.95 + $1.50 P&P (+ $3 1st Class Post). A handbook of travel resources and 500 worldwide access guides. [J.B. Post]

Holland Land Company Project Update

Franciska K. Safran reports on the project to microfilm map records of the Holland Land Company 1789-1869: The entire record group is now complete on 202 rolls of 35mm black and white film, with numerous maps refilmed in color.

During 1986, the color-coded maps will be reproduced on single image colored microfiche with low reduction rates. Also in 1986, the Municipal Archives of Amsterdam will publish a separate Map Catalogue. The computer-produced Catalogue will list individual maps, atlases that contain township and deed or plat maps, and specially grouped lot drafts. The coded entries will include original or assigned titles, name of draftsman or engraver, the language of notations, scale, actual or estimated date, physical characteristics such as format, size, color, and special notes and references to other documents.

The Holland Land Company Project, in its eighth year, is presently concentrating on locating Holland Land Company documents and related material in the United States. A cumulative list will be published later as a supplement to the Pieterse Inventory. During the bibliographic assessment, arrangement is made for the microfilming of pertinent collections, which include Company maps, and some drafts prepared by the new owners of the Holland Land Company lands.

The Pieterse Inventory can be purchased at $10 per copy, from the Municipal Archives of Amsterdam, (Gemeentelijke Archiefdienst, Amsteldijk 67, 1074 HZ, Amsterdam, The Netherlands). A "microfilm reel list", essential for the use of the microfilm collection, is on sale for $2.50 at the Project office in Fredonia. The Holland Land Company Project also has a supply of the following facsimile maps:

1797 presurvey map of the Genesee lands, (Genesee River and west to Lake Erie), by Joseph Ellicott.

1791 map of the western part of Lake Erie, by Alex. Autrechy.

1794 street-by-street map of William Penn's 1683 plan for the City of Philadelphia, by P.C. Varle.

Map of the Genesee Purchase, prepared by Joseph and Benjamin
Ellicott, 1800, revised 1804 and 1829.

The maps are priced at $5 each or $18 per set with $2.50 handling and shipping cost. All [map] inquiries and purchase requests should be addressed to: Franciska Safran, Holland Land Company Project Director, Reed Library, State University College at Fredonia, Fredonia, NY 14063 (tel.: 716/673-1803).

SOILS

The soon-to-be-published Lincoln County soil survey investigates cedar stumps uncovered by erosion which help to pinpoint prehistoric habitats along the Oregon Coast.

Based on the third International Conference on Soil Erosion, it contains an entire section on the issue of soils mapping at various scales.


DEMOGRAPHICS

Delivered at the U.S. Bureau of the Census, FIRST ANNUAL RESEARCH CONFERENCE, March 20-23, 1985. Abstract booklet and paper reprints available from Carolee Bush, Conference Coordinator, Center for Survey Methods Research, Bureau of the Census, Office of the Director, Washington, D.C. 20233. (Copies of the proceedings are to be sent to GPO depository libraries.) Mr. Witiuk's paper includes a description of Statistics Canada's "University Base" subscriber distribution of the Canadian Socio-economic Information management system (CANSIM), TELIDON distribution of maps via Geocartographics Geographic Information Manipulation and Mapping System (GIMMS), and general "collection mapping" progress.

Results include a 47% improvement in enumerator map compilation time, a cost savings of 16%, and prohibitive plotting costs with hardware available at the time of the study.

Includes 6 maps of Regina illustrating mapping capabilities and a bibliography.
GREAT GREEK GIFT


PANORAMAS

"Getting a Glimpse of History From a Grandstand Seat," by Robert Wernick (Smithsonian 16(5):68-85, August 1985) is a lengthy, copiously illustrated article on the history and preservation of panoramas worldwide. In the "Additional Reading" section of the same issue are five reference to more information on this topic. Interestingly, the genre supports its own journal and "Newsletter". For information contact the Honorary Secretary, The International Panorama & Diorama Society, 28A Manchester St., London W1M 5PF, England.

According to a recent issue of The Map Collector, an exhibit of 100 panoramas is on display at the Yale Center for British Art from October 9 to December 15, 1985. An exhibit catalog of "Gilded Scenes and Shining Prospects" is available. One of the most striking panoramas, according to The Map Collector, "the Rhinebeck Panorama" was issued in facsimile by The London Topographical Society, which issues a major work of this type annually. For more information on the Society, contact The Honorable Secretary, London Topographical Society.

WW II

Hitler's rocket sites, by Philip Henshall (New York: St. Martin's Press, nd). No price given. Maps include general and detailed site plans in northern France, as well as the radar tracking site at Predefin.
TACTILE MAPS

The International Directory of Tactile Map Collections was issued recently. Copies are available free from the National Library Service for the Blind and Physically Handicapped, Library of Congress, Washington, D.C. 20542.

NOTEWORTHY

Every few years I get asked to be on a panel at a meeting of the local science fiction club, a panel which discusses the Hugo award nominees. The Hugo being one of the two major awards in SF. Of late, this turns out to be the major way I read SF. On the current list of nominees is "Summer Solstice" by Charles Harness from Analog June 1984. One of the major characters is Eratosthenes and the measuring (rather, computing) the Earth's circumference is integral to the story. [J. Post, Secret Master of Mapdom]

AUSTRALIAN MAP CATALOGUES

Prescott, Dorothy P., and Judith Scurfield (eds.)
2nd Edition. ISBN 0 9593900 3 0 (no price given) (The Australian Map Circle, P.O. Box B133, Queen Victoria Terrace, A.C.T. 2600, Australia)

Features 137 map sources in Australia. Includes publisher, title and date, physical description, frequency, notes, price and address. Essential for any map library fielding reference questions on Australasia.

Wisconsin Complete

Wisconsin 1:24,000 topographic mapping by USGS is complete! The final 60 sheets were released about March 1, 1985.

Linda Newman, ed.
Includes author listing, subject index, UMI order number.
8.5 x 11" $5.00 by mail: Mines Library, UN-R, Reno, NV 89557

Youngs, Leslie G. (compiler)
103 references to geothermal energy development in Calif.
$2.00 from CDMG, 1416 Ninth St., Rm. 1341, Sacramento 95814

Wong, Perry
Index to geologic reports for sites within Special Studies Zones. Sacramento, CA: California Division Mines & Geology, 1984. Open-File Report 84-31 SF 1:1,000,000 & 1:100,000 $4.00

Great Britain. Department of the Environment.
10 x 21 on sheet 45 x 21 cm. no scale given. 25 pence "A short guide to Roman monuments in the care of the Dept. of the Environment."

24 new sheets covering south Victoria Island and NE Keewatin Dist. $3.00 (Can.$) ea. Canada Map Office, 615 Booth St., Ottawa, Ont. K1A OE9 Canada.

Central Intelligence Agency. (U.S.)
SOFTWAREL - Computers in the Map Room

COMPUTER CARTOGRAPHY


TRY US AGAIN IN TEN YEARS

"Digital cartographic data is currently maintained on computer tapes in the [Geological] Survey's National Digital Cartographic Data Base (NDCDB). Users can purchase copies of these tapes through offices of the National Cartographic Information Center. Mass storage technology has not advanced sufficiently to allow this large data base to be efficiently accessed directly. We believe that it will be at least 10 years before direct access will be possible simply because of the enormous size of the NDCDB." ... from a letter to Mary Larsgaard from Larry L. Amos, Digital Cartography Program Coordinator, September 16, 1985.

BUT IN THE MEANTIME --

Digital planimetric data is now available from the USGS 1:100,000- scale Digital Line Graph series. For a 30-minute x 60-minute sampler of the Chickamauga, Georgia-Alabama-Tennessee, sheet, send $25 to the NCIC Denver office. A full description is contained in the Rocky Mountain NCIC newsletter, available from NCIC, USGS, Rocky Mountain Mapping Center, Box 25046, Mail Stop 504, Denver Federal Center, Denver, CO 80225.

BUT YOU CAN HAVE IT NOW FOR $695

Peerless Engineering Service will supply any available USGS q30 meter grid, on IBM PC double density diskettes for $695. This price includes plot calculation and analysis software for PC/XT or ATs with 512 kilobytes memory and 8087 or 80287 processors for no charge. Additional quads are $495.

Or, any 15-minute quadrangle in the continental U.S. on a 3-second by 3-second grid, with software package, is $495; additional quads are $295.

The software package allows perspective rotation, scale enlargement and elevation readouts for any point on the surface. Note that the sample plot sent by Peerless shows topographic information only.
Also available from Peerless are two software routines which will handle any ASCII formatted data file. "PC MAP", the $995 version, and its bigger brother, PC MAP II, also at $995, are user friendly manipulators allowing the custom plotting of areas, contours, perspectives and analytical reports.

Peerless also offers a map data input routine for $95.

For a July 1, 1985 "Catalog of Software Systems" and sample plot, contact Peerless Engineering Service, 5819 Soquel Drive, Soquel, CA 95073, tel.: (408) 462-0330.

ACCU MAP MONTHLY

... a monthly newsletter on computer aided mapping, is available from Advanced Geographic Systems, 16742 Gothard, Suite 213, Huntington Beach, CA 92647.

The first issue, released this past summer, features the microcomputer based mapping system of Southern California's Coachella Valley Water District. Also included is a description of the micro-based ACCU MAP GIS.

WORLD OCEAN DATA SETS

Seasonal ocean statistics by five-degree squares are now available on computer tapes. Included are number of observations, mean temperature, standard deviation, and, if present, number of one-degree squares of land or sub-ocean floor within the five-degree square. These act as a companion data set to the Climatological Atlas of the World Ocean (NOAA Professional Paper No. 13, 1982, $11 from GPO, s/n 003-017-00509-7). The set of two tapes is $180. For further information, contact National Oceanographic Data Center, User Services Branch, NOAA/NESDIS E/OC21, Washington, D.C. 20235, tel.: (202/634-7500). Ask for Environmental Information Bulletin No. 85-1.

ELECTRONIC ROAD MAPS

The Navigator, by ETAK Inc., of Sunnyvale, CA is available in a small or large CRT size for $1,395 or $1,595. Maps of San Francisco and Los Angeles on cassette tapes are available for $35 each; other cities are forthcoming. [from an illustrated article in Science Digest 93(9):15?, September 1985]

The 4.5 and 7 inch inertial navigation systems have been adopted by General Motors for introduction on 1989 model cars. [from an article in Ward's Auto World 21(9):93, September 1985].

TIME

The Transit Industry Microcomputer Exchange (TIME) Support Center, under the Urban Mass Transportation Administration has centralized information of interest to professionals. A quarterly
newsletter is available, membership is free. Contact TIME Support Center, Department of Civil Engineering, Rensselaer Polytechnic Institute, Troy, NY 12180-3590, tel.: (518) 266-6227. [from an article in MICRONews 2(2); August 1985. MICRONews is published by the San Diego Association of Governments.]

IBM PC MAP LIBRARY

U.S. City Maps and Skylines Collection, and the European & World City Maps Collection are two new mapping modules available for IBM PCs with 256K memory, graphic cards and DOS 2.0 operating systems. The map collections are $90 each, or can be bundled with off-the-screen slide makers, graphics software, and various other hardware combinations. For further information, contact Visual Communications Network, Inc., 238 Main St., Cambridge, MA 02142, tel.: (617/497-4000) [from an article in Infoworld 7(40):53, October 7, 1985]

IMAGE ANALYSIS FOR IBM PC

Good image analysis systems are still very expensive, but their value is increasing as they progressively do more while prices decline. "IMAVISION" is one such product which benchmarks the technology as well as any. For $25,000, it will turn your IBM PC AT or XT into an image enhancer for remote sensing, complete with "frame grabber", geometric correction, classification, image database, and a host of other features. Brochures are available from Roy Ball Associates Ltd., Systems Engineering, 1750 Courtwood Cres., Suite 300, Ottawa, Ontario K2C 2B5, tel.: (613/226-7890).

STEREO COMPUTERS

"Stereo and Alternating-Pair Techniques for Display of Computer-Generated Images," by Larry F. Hodges and David F. McAllister (Computer Graphics and Applications 5(9):38-45, September 1985) is one article to warm a map/remote sensing librarian's heart.

FLIGHT SIMULATION

Ultimately, maps may be absorbed into a cartographic scrolling mass memory. One element in such a system will be based on developments in flight simulation, a technology which currently ranges from the $50 Flight Simulator II for PCs to $5,000,000 computer environments. Flight Simulator II is a good introduction for the novice, incorporating a flight manual, alternate flight rules, but disappointingly generalized graphics. Still, it is a fun, hands-on introduction to this technology. It is available formatted for most PCs at retailers almost everywhere.

A bit more exotic are the simulator/trainers designed for aviators. As close as most of us are likely to get to these is "Advances in Computer-Generated Imagery for Flight Simulation," by Johnson K. Yan, which appeared in the IEEE First International
Conference on Computers and Applications. Copies of the proceedings of this conference are available for $37.50 (members) or $75 (nonmembers) from Computer Society Press, P.O. Box 80452, Worldway Postal Center, Los Angeles, CA 90080, as CSP Publication 541.

AUTO-CARTO 7


The seventh Auto-Carto conference was held in Washington, D.C., March 11-14, 1985. Once again, planners included a wide range of information about the compilation, storage, and manipulation of digital cartography. Particularly relevant to map librarians are Peter Aronson's "Considerations in the Design and Maintenance of a Digital Geographic Library", Maureen P. Lynch and Alan J. Saalfeld's "Conflation: Automated Map Compilation, a ViNeo Game Approach", and Charles T. Traylor and James F. Watkins' "Map Symbols for Use in the Three Dimensional Graphic Display of Large Scale Digital Terrain Models Using Microcomputer Technology."

As always, some intriguingly titled papers did not make the printing deadline, such as "TLDB: a Global Data Base Designed for Rapid Image Retrieval." Still, this 599-page companion joins its six predecessors as essential for libraries supporting computer science, geography, and cartography. [Larry Cruse]

Wisconsin Automated

Kindered Journals

Wilson Library Bulletin October 1985, Volume 60, Number 2:

All six of the feature articles in this issue relate to Map Librarianship:

"Map Librarianship in the U.S.: An Overview" by David Cobb

"Cartography's Photographic Revolution: Microphotography" by Larry Cruse

"Map Acquisitions: The Major Sources" by Brent Allison

"Keepers of Maps: Some Advice on Preservation" by Judy Rieke

"Map Collections in Public Libraries: A Brighter Future" by Donna Koepp

"Map Librarianship: Suggestions for Improvement" by Stanley Stevens

New Zealand Map Keepers Circle Newsletter, May 1985:

Editorial: "NZMKC goes on record to oppose a 'goods and services tax' on cartographic publications (there is no such tax on 'books')"

"Mapping in Canterbury 1950 - Present Day," by John Patterson - [The Canterbury Land District is the largest in New Zealand, with its headquarters in Christchurch.] pp. 2-14.


"Minutes of the Tenth Annual General Meeting," pp. 18-21.


"Matthew Flinders and the Charting of the Australian Coast," by T.M. Perry, pp. 1-10.


"Mapping the Socio-Economic Structure of Australia, A Microfiche
"Cataloguing and Marginal Information on Topographical Map
"What Place is That? - Where did it Happen?" by Peter G. Sewell,
pp. 53-63.
"Geology and Maps: Notes on a Study Tour," by Margaret Eva,
pp. 64-70.

Association of Canadian Map Libraries Bulletin, No. 54, March '85

"Editorial," by Thomas Nagy and Betty Kidd, pp. iii [Volunteer
needed to edit ACML Bulletin.]
"Phoenix and Cartographic Materials -- an Update," by Susili
Wilson, pp. 1-7.
"Recent acquisitions," by Beth Rey, pp. 8-21.
Reviews: Atlas of Canada (29-31); An Atlas of Distribution of the
Freshwater Fish Families of the World, (32); Remote Sensing of
Earth Resources: A Guide to Information Sources, (33); Map User's
Sourcebook (34-35); Conserving and Preserving Library Materials,
(36); Cartographic Relief Presentation, (37-39); Ground and Air
Survey for Field Scientists, (40-42).
"New Publications," pp. 43-44.
"News and Comments," pp. 44-67. Includes description and
floorplan of Carleton University Map Library, and announces
availability of Canadian topos fiche from C.M.I.C., Inc., Rainer
W. Stahlberg, P.O. Box 5122, Beauport Quebec, Canada G1E 6B5,
tel.: (418) 663-6780.


The new Editor is Bob Batchelder, Maps and Air Photos Library,
University of Calgary, Calgary, Alberta T2N 1N4, tel.: (403)
220-5969.

This issue features papers delivered at ACML's 19th annual con-
ference:

ACML 19TH CONFERENCE PAPERS

Canada's First "National" Map Agency: The Hudson's Bay Company,
by Richard I. Ruggles
Indian Maps in The Hudson's Bay Company Archives: Judith Beattie
Indian Map-Making: Two Examples from the Fur Trade West,
by D. Wayne Moodie
ACML 19th Annual Conference Conservation Workshop, held by
Carol Marley and John Kohler
1985 ACML Conference Registrants
ACML Annual Business Meeting: Minutes of Meeting
Reviews; New Publications; News and Comments; ACML Membership

"Library Profile: Mines Library, University of Nevada, Reno" by Mary Ansari, pp. 15-16.


Yuba City mortician holds services for Rand McNally

SAN FRANCISCO (AP) - In one of the city's jollier funerals, a black-garbed deputation from Yuba City - according to Rand McNally America's worst metropolitan area - handed one of the firm's top-ranking executives the ashes of dozens of burned maps published by the company.

The "mourners," following a merry, musical civic send-off in Yuba City 100 miles northeast of San Francisco, drove in a limousine to the ceremony in a Rand McNally store.

Looking appropriately grave for the occasion, Yuba City mortician Chuck McBride stepped slowly forward and presented the ashes to company Vice President Russell L. Voisin, in charge of publishing for Rand McNally.

McBride assured Voisin the ashes were of actual maps, drawing an amused comment from the executive, "We rather thought that burning maps of books went out some years ago."

Voisin, who made a special trip from Chicago for the event, added, "I think this (the ashes presentation) displays a good sense of humor from the city ... I hope that we'll see (Yuba City) moves up when we do another edition ... we hope the Phoenix will have risen from the ashes."

"On behalf of the city of Yuba City we would like to say we intend to rise from this (the rating) and make a better city," said Yuba City councilwoman Jean Cellini as she presented Voisin with wrapped gifts said to contain pro-Yuba City T-shirts.

One of Yuba City's chief products is walnuts, and the ashes were nestled in a handsome walnut box that bore a brass plate engraved: "Rand McNally. Rest in Peace. Yuba City 329." Number 329 was last on the list.

Under McBride's somber funeral suit was a T-shirt that said, "Yuba City - Better Here Than Pittsburgh." The Rand McNally survey, in its new "Places Rated Almanac," found Pittsburgh the most desirable U.S. metro area in which to live."

[from the March 14, 1985 Santa Cruz Sentinel, p. C.1]
Map Librarianship Job Openings & Positions Wanted

MAP & STATE DOCUMENTS LIBRARIAN (LIBRARIAN II).

Arizona State Library, Phoenix, Arizona

Duties include providing reference service and collection development for the Map Collection, planning and monitoring activities of the Map and State Documents Unit, and supervising a staff of 4.

Minimum requirements are an academic degree in geography, geology or related field, or one year of professional library experience in maps. Prefer M.L.S., 2 years professional library experience, familiarity with OCLC (and AACR2) and DIALOG, supervisory experience. Salary: $17,861 - $25,240.


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POSITION WANTED

Ms. Denise Obino Boeckel, Assistant Head of the Documents and Map Library, Instituto Brasil de Geografico Exercito, is currently seeking an equivalent professional position in the United States.

Ms. Boeckel holds an M.L.S.-equivalent degree, has 10 years map library experience, and is multilingual. She has been responsible for the organization and development of several large remote sensing, map and documents collections for federal agencies. She has taken numerous additional courses in cartography, remote sensing, microfilming, information science, has been an active organizer, speaker and participant in Brazilian national meetings on these topics, and has had advanced training at the University of California.

A resume is on file with the WAML Editor, or she may be contacted directly: Denise Obino Boeckel, Rua Sao Vicente, 106 - Tijuca, CEP 22200 Rio de Janeiro, Brazil Tel.: 297-3911-R. 77

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And, from Time magazine, September 16, 1985, p. 18:

American Scene: In Washington: There's Life in Old Maps

It's an interview by Gregory Jaynes of John Wolter, Chief, Geography and Map Division, The Library of Congress. "Once in a great while a man and his task are so happily fitted that the combination inspires a benign envy."
DEPOSITORY MATTERS:

GPO

NATIONAL OCEAN SERVICE MAP PROJECT

Representatives of various functional areas within the Library Programs Service and the Documents Technical Support Group conducted a preliminary meeting and site visit at the National Ocean Service (NOS) on June 6, 1985. LPS and NOS will be working toward the establishment of a cooperative project to bring the NOS maps and charts into the Depository Library Program. NOS now maintains its own depository program, and primarily produces and distributes aeronautical and nautical charts. Although it is very early in the project, we anticipate results similar in structure to the Geological Survey and Defense Mapping Agency project.

[Administrative Notes 6(8):1, June 1985]

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USGS MAP SERIES CANCELLED

The Geological Survey has advised LPS that the United States Topographic/Bathymetric Map Series, class I 19.101:(nos.), item 619-G-20 will no longer be separately issued or distributed. Future maps of this type will be included in the topographic quadrangles or topographic specials series.

Two maps of this type were listed on Shipping List 85-175-P with incorrect classification and item numbers. Both maps, St. Joseph Point quadrangle, Florida and Indian Pass quadrangle, Florida, belong in class stem I 19.81:(nos.), the 7.5 minute topographic series, and were distributed to libraries selecting item 619-M-09.

[Administrative Notes 6(6):3, May 1985]

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NATIONAL WETLANDS INVENTORY PROGRAM


The U.S. Fish and Wildlife Service is conducting an inventory of the wetlands of the United States and its territories. The National Wetlands Inventory (NWI) will establish a wetland data base in map form for the entire country. This information will serve to identify the current status of U.S. wetlands and be used to evaluate wetland changes in the future.
The NWI essentially involves classifying the nation's wetlands and producing wetland maps and statistics on the present status of wetlands across the country and in each state.

The Fish and Wildlife Service wetland classification system, "Classification of Wetlands and Deepwater Habitats of the United States" (December 1979) is used to delineate and classify wetlands. This system is hierarchical and structured around a combination of ecological, hydrological, and substrate characteristics which permits it to be used throughout the United States. It consists of five systems: Marine (open ocean and associated coastline); Estuarine (salt marshes and brackish tidal water); Lacustrine (lakes and deep ponds); Riverine (rivers, creeks, streams); and Palustrine (small ponds, marshes, swamps, bogs), and proceeds in a hierarchical manner through subsystem, class, and subclass. It also contains provisions to apply modifiers and describe the degree of flooding (water regime), water chemistry, soil, and man made changes (dredging, draining, etc.).

Two series of maps will display wetlands which are classified according to this new system; a) Selected intermediate scale maps (1:100,000), covering approximately 1,800 square miles, and b) Large scale (1:24,000 or 1:62,500) products, either large scale maps or photo enlargements. All map products show the configuration, location, and type of wetlands found within a given area. The products are prepared by stereoscopic analysis of high altitude aerial photographs. Wetlands are identified and classified on the photographs based on vegetation, visible hydrology, and geography according to U. S. Fish and Wildlife Service's "Classification of Wetlands and Deepwater Habitats of the United States."

Intermediate scale maps graphically display the distribution of wetlands by type over a large geographical area. The area covered by each map represents 32-1:24,000 U. S. Geological Survey (USGS) quadrangles, 8-1:62,500 USGS quadrangles, or a combination of the two.

Large scale wetland products depict a graphic representation of wetlands and deepwater habitats found in a given geographic area. Wetlands are classified according to the Service's official wetland classification system. The minimum size of wetlands mapped is dependent upon the type of aerial photography used for the survey (scale, resolution, etc.) Generally, the minimum size ranges from three to five acres consistently, although smaller features, particularly small ponds, may be shown. The specific scale of these wetland products depends upon availability of topographic base maps. In most cases, 1:24,000 scale USGS base maps are available, but in areas where this scale is not available, 1:62,500 scale bases are used.

The status of the National Wetlands Inventory has been recorded on index maps for USGS 1:100,000 scale maps by state and
by region. Availability of products is divided into three categories: 1) Photo-interpretation in progress, 2) Draft large scale products available, 3) Revised wetland map products available (this includes large scale and/or intermediate scale maps).

For information, contact the Regional Wetland Coordinator, U. S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1650, 500 NE Multnomah Street, Portland, Oregon 97232, (503) 231-6154. This office is Region 1 and covers California, Nevada, Hawaii, Idaho, Oregon, and Washington. Region 2 covers Arizona, New Mexico, Texas, and Oklahoma. Its office is Regional Wetland Coordinator, P.O. Box 1306, Albuquerque, NM 87102 (505) 766-2914. Region 6: Montana, Wyoming, North Dakota, South Dakota, Nebraska, Utah, Colorado, Kansas, is the Regional Wetland Coordinator at P.O. Box 2548, Denver Federal Center, Denver, CO 80225 (303) 234-5586. Alaska is Region 7 and the Regional Wetland Coordinator is at 1011 East Tudor Road, Anchorage, AK 99503 (907) 276-3800. Minnesota, Wisconsin, Illinois, Indiana, Michigan, Ohio, Missouri, and Iowa comprise Region 3: Federal Building, Ft. Snelling (AS/BSP), Twin Cities, MN 55111 (612) 725-3593. Region 4 Regional Wetland Coordinator is located in the R. B. Russell Federal Building, 75 Spring Street SW, Atlanta, GA 30303 (404) 221-6343: Arkansas, Louisiana, Florida, Mississippi, Alabama, Georgia, South Carolina, North Carolina, Tennessee, Kentucky, and Puerto Rico. Region 5 makes up New England, middle Atlantic States: Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Delaware, Maryland, West Virginia, Virginia. The Region 5 Wetland Coordinator is at One Gateway Center, Suite 700, Newton Corner, MA 02158 (617) 965-5100.

NATIONAL WETLANDS INVENTORY MAPS
Produced by the
U.S. Fish and Wildlife Service

Wetlands Classification information overlay (1:100K, 7.5' & 15'):

<table>
<thead>
<tr>
<th>Format</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transparent film</td>
<td>$3.50</td>
</tr>
<tr>
<td>Paper Diazo</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

Composite of map and Wetlands Classification information (1:100K, 7.5' & 15' maps):

<table>
<thead>
<tr>
<th>Format</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transparent film</td>
<td>$3.50</td>
</tr>
<tr>
<td>Paper Diazo</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

Service Charges:
Shipping per order $2.00
* Per Data Set $4.50

* A data set consists of all available National Wetlands Inventory maps within one 1:100,000-scale map area (30 minutes latitude x 60 minutes longitude).
Example: An order may consist of two adjacent 7.5' quads: however, if they are located in two data sets (two 1:100,000-scale map areas), the service charge is $9.00 (2 x $4.50).

Please contact NCIC-W, MS 532, 345 Middlefield Road, Menlo Park, CA 94025, (415) 323-8111, for information on availability of maps covering your area of interest. Upon receipt of your order and prepayment, allow 3-6 weeks for delivery. May prepayment by check or money order payable to "Department of the Interior-USGS".


The Association of State Wetlands Managers is publishing a quarterly newsletter which will carry notices of mapping supplemental to the National Wetlands Inventory Program. Membership is $20 per year. Contact: Association of State Wetland Managers, Inc., P.O. Box 6, Madison, WI 53701.

The ASWM Wetlands Mapping Committee will
1. Serve as a clearinghouse on state and local mapping programs
2. Serve as a clearinghouse for information on the integration of wetlands data into computerized Geobase Information Systems (GIS)
3. Enter into a dialogue with the National Wetlands Inventory, Corps of Engineers, U.S.G.S. or other federal agencies regarding federal assistance to state programs.

Chairman of the Committee is Steven M. Fix, Wisconsin Wetlands Inventory, Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, WI 53707, tel.: (608) 266-0053.

WRIs

Water Resources Investigations, by State, now appear as part of the Open-File Report series on microfiche, sent free to GPO depository libraries (SuDocs I 19.76: [year - OFR number]

ARIZONA LOTIC WATERS

The index to the Natural Drainage Systems of Arizona -- a computer compatible digital identification of Perennial Lotic Waters was issued in May 1984 by the U.S. Forest Service as RUN
WILD: Wildlife/Habitat Relationships. RUN WILD and the Arizona Resources Inventory were used to generate listings of all streams/rivers and their tributaries along with their respective coordinates. Also included is an alphabetical index to all such streams/rivers with their drainage basin numbers (including "Streams with no name reference"!); a list of fish species and their stream distribution as well as a 119-item bibliography which includes references to four drainage system maps. An impressive amount of information in just 36 pages.

Copies are available from the Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.

U.S. Government Books Especially for Exporters

The Superintendent of Documents has mailed an advertising flyer throughout the country to potential users of several titles published by GPO which includes serials, monographs, and an order form for titles such as A Basic Guide to Exporting, Services for Exporters from the U.S. Government, Business America, the State Department's Background Notes on Countries of the World, etc.

NASA (SuDocs NAS 1.43:OC 2/2/ICE)

Oceanography from Space: Antarctic sea ice. 1983. 78 x 61 cm. Computer enhanced; 8 views on one poster.

(SuDocs NAS 1.43:OC 2/2/Topog.) Oceanography from Space: sea surface topography (Seasat images). 1983. ca. 1:40,000,000

See page 60 for News about forthcoming meeting of the CARTOGRAPHIC USERS ADVISORY COUNCIL.
MicroCartography

Seventeenth in a Series. by

Larry Cruse
Map Section C-075p
University Library
University of California-San Diego
La Jolla, CA 92033
(phone 619/452-3338)

WAML PROJECTS UPDATE

FRENCH FICHE

Mary Ann Ferrarese at the LC Photoduplication Service wrote on October 9 to note that the Cassini/Carte de France project was now being filmed. Nineteen firm orders were in hand, with seven more to be received from those expressing initial interest. The WAML price of $239 for this set will expire when the fiche are duplicated by LC, and any subsequent requests will cost $400, either from WAML or LC directly.

This venture has been successful largely through the kindness of its Chief Norman J. Shaffer for the initial agreement, the staff of the LC G&M Division who have expedited the map arrangements and created fiche headers, but especially Ms. Ferrarese who has made it a pleasure to deal with the Library of Congress.

IRISH TOWNLAND SURVEY

The Irish Townland Survey at 1:10,560 on 1,950 sheets spanning the period 1829-1842, is ready to be duplicated by Canada's National Map Collection. Sets must be ordered by the end of January 1986. Thus far, only three libraries have placed orders for the set. As planned now, NMC will duplicate the fiche masters they now have on hand, microfiching at a later time any additional first edition sheets not now part of their holdings. Because making first generation duplicates is so laborious, these fiche will not be considered for set duplication for at least a year. The commercial alternative, as previously announced, will cost considerably more and will be in a smaller format.

Orders at $1,000 (Canadian $) should still be sent to Mrs. Betty Kidd, National Map Collection, Public Archives of Canada, 395 Wellington St., Ottawa K1A ON3.
NAUTICAL CHARTS OF MELANESIA

UC Berkeley has finished microfiching their holdings of U.S. nautical charts. The set contains 250 items and is available from WAML for $50. This price will hold until the first of 1986. Subsequent purchases will be $100. Orders should be sent to Stan Stevens, (WAML Treasurer) Map Collection, University Library, University of California, Santa Cruz, CA 95064.

We are currently trying to locate inexpensive sources for French, British Admiralty, and German nautical chart microfiche to complete this package. If you know of such sources, please let me know.

MELANESIAN AIR PHOTOS

The 35mm preservation project at the Bishop Museum in Honolulu has begun. The 35,000 air photos of Melanesia will be available by January 1, 1986, on approximately 80 rolls of silver halide film. Tentative price is $30 per roll through WAML. We should have a list of roll contents available for the March 1986 issue of the IB.

Remaining are another 35,000 Pacific air photos at a critical juncture, badly needing microfilm preservation. This first step will create a needed browse file for the photos, allowing worldwide distribution of these important materials. The expected cost is about $7,000 to create the master negative microfilms of the remaining photos, including associated labor.

Proceeds from the sale of the initial 35mm rolls will be used to begin the second stage of the project, creation of 4" x 5" negatives of the photos, although full-size duplicates are also being studied. The cost of such work might well rise to the $100,000 range for an edited set of 8" x 5" negatives, four times that to make full-size internegatives and prints.

If anyone would be willing to undertake a grant search for the remainder of this financing, Pacificists would be ever grateful.

The Melanesian projects were financed by a special grant at UCSD, which ends this year. But enough has been learned in the process to establish the feasibility of this approach. Other map librarians in a similar position to supply seed money for such preservation microfilming projects are more than welcome to undertake them under WAML auspices. If you have such an opportunity, please let me know.

GAZETTEERS

The gazetteer program is at a promising stage of development, with at least two projects on the planning board and several more
in the wings.

Ron Whistance-Smith will be in Austria next year and will discuss the idea of a cooperative gazetteer/geographical dictionary collection on fiche with library and archival authorities there. Our aim is to have them make the fiche, with WAML support. Failing that, we will undertake the project ourselves.

A second project has been suggested by Patrick Dempsey of the Library of Congress Geography and Map Division. This would consist of at least seven major titles to cover Ireland, forming a strong nucleus of support for the Irish Townland Survey microfiche set. Right now we are looking for a microfilm company with appropriate book cradles to make this fiche. The project should be ready by March 1986. If it works, a Revolutionary-era French project will be undertaken.

On the back burner is a possible Defense Mapping Agency project, depending on whether the Cartographic Users Advisory Committee can persuade DMA to supply these gazetteers on fiche. At issue is the need for multiple copies of gazetteers in many libraries, the limitation of only one depository copy per library and the high prices on the latest DMA gazetteer price list. (It is also unfortunate that long delays are common in the release of these valuable materials ... another issue for CUAC to deal with.)

WAML gazetteer fiche will be issued for a flat rate per title, probably about $5, and a set amount per collection, varying with the size of the set. If successful, this should lead to a self-sustaining operation to which new titles can be added more-or-less spontaneously. If anyone would like to assume responsibility for a part-time job administering -- and influencing the content -- of this program or projects within it, would you let me know?

MIMI_INDEX

The MIMI index to map microforms has been neglected recently, although our software sleuthing unearthed a program called PC-file which looks promising.

Jim Walsh at the University of Wyoming and the little gnomes at UC San Diego should have time to get started with this as soon as they recover from the Christmas rush (in the patois of the trade, this is often written as "the software is currently being installed").
Mount St. Helens Color Fiche

Sid Bugelholl has kindly sent a set of seven color fiche and a six page index of images for review. They have been browsed by a native of Longview, Washington, in the Mt. St. Helens area, who happens to be on our staff, Paul Zairns.

He was very impressed with the color quality of the images, at a microfiche reader screen-filling 24X. The image resolution was also excellent at 45X, which led us to conclude that color fiche is no longer the limiting factor it once was as an information carrier. There was a time when such over magnification prominently revealed the emulsion at the expense of the information. Visually, it appeared as an unevenness of color densities, rather than clearly defined objects made larger. This no longer seems true and is a significant accomplishment.

Paul had reservations about the obviousness of the set's photo arrangement. There is the blessed abundance of images, on the one hand, 588 in all, including associated volcanic peaks in the Cascade Range: Mt. Rainier ca. 26 images of the peak many fear may erupt next, flash defrosting cubic miles of snow and glacial ice to create a flood of Biblical proportions. There are also a number of photos of Mt. Adams, another potential lethal peak. The remainder of the images are devoted to Mt. St. Helens itself -- both before and after its eruption, -- as well as the destruction it caused. Many of these scenes are all the more-effectively rendered on color fiche for the lack of color in the scenes themselves.

Copies of the seven-fiche set and accompanying index are $34.50 from Sid Bugelholl, 13854 Kinbrook St., Sylmar, CA 91342.

Microform Review

The Spring 1985 issue of Microform Review (pp. 99-103) includes a description of the "Western Association of Map Libraries' Map Microfilming Consortium" by Larry Cruse.

Watershed

The second cycle of National High Altitude Aerial Photography (NHAP II) begins in April 1986. Indexing will be by State units.
CARTOGRAPHIC CONTROLS

OCLC FREEBIE

"New Microcomputer-based Retrospective Conversion Service to Be Offered this Fall," by Andrew Wang, OCLC Newsletter, September 1984, p. 9.

"OCLC will lend contracting libraries one IBM Personal Computer (PC) per 50,000 titles on a rent-free basis for approximately six months." The program is available to OCLC member and non-member libraries with at least 20,000 titles to be converted.

NATIONAL LIBRARY OF SCOTLAND

Margaret Wilkes, National Library of Scotland Map Librarian, reports they "are now linked by computer terminal to a map information database being developed within the Dept. of Geography, Edinburgh University. We plan to input sheets from our holdings of series mapping of GSIS with particular reference to the Central European area. The information system, which uses ORACLE interfaced with GIMMS will then produce graphic indexes automatically to show holdings of these series within the two map collections, and from any other libraries who take part in the initial development of the system." (from a letter to Mary Larsgaard, 6/27/85)

UNION CATALOG OF MAPS PUBLISHED BY CONGRESS


Index to the ca. 3,500 maps published by the Public Printer from the time of the Revolution to the eve of the Civil War. Multiple access index.

CAVEAT EMPTOR

Jones and Bartlett Publishers, Inc., 20 Park Plaza, Boston, MA 02116, tel.: (617) 426-5246, is offering reissues of two CIA atlases sent to depository libraries:

As commonly happens, these two titles are mixed in with a
number of other depository and nondepository items. [Editor]

Ocean margin drilling program regional atlas series, sponsored by
the Joint Oceanographic Institutions, Inc. Boston: Jones and
each, outside the U.S. Add 15% P+P. [Dale Steele]

Series of 13 atlases with at least 8 maps each plus cross
sections. Slight unseen, promotional literature mentions
neither color nor size.

If you have been wondering what happened to your subscription
of American Urban Guidenotes, volume 4, no. 1, for 1985 has not
been issued yet. But they are still in business, just a bit
behind in their work.

American Canal Society. Map of the canals and navigable
rivers of the United States and Canada. n.d. $2.50

According to the agent for this map, Mr. Bradley L. Haigh, 4926
Herkimer St., Annandale, VA 22003, "my organization advertized an
item it never had, [and] I have been unable to locate who has
it...."

[Personal communication to The Editor.]

DEALERS

Bill Hunt, Pacific Travellers Supply, 529 State Street, Santa Bar-
bara, CA 93101, tel.: (805) 963-4438, brought an extensive
in-stock list of Brazilian map to the WAML Davis meeting, as
well as samples of several atlases. Detailed catalogs are
$5 (free to WAML members). Bill also has a Sept. 20, 1985
new products list covering Brazil, Indonesia, Germany, Italy,
Morocco, Hungary, Belgium, South Africa, France, California
and Argentina.

Bill is now off to Europe to establish contacts for import-
ing British, French and German official mapping.
Bill Stewart, Map Import Specialist, 119 Grandview, Ann Arbor, MI 48103, is on his annual map buying trip to Ecuador, with an attempted foray into Chile. New Ecuadorian maps and official cartographic publications are available now.

RICHARD FITCH, Old Maps & Prints & Books, 2324 Calle Halcon, Santa Fe, New Mexico 87505, tel.: (505) 982-2939.

AMERICANA ; Catalogue No. 43. 108 p., 139 illus. b&w 331 items.

Sample copies of catalog are $2.00 each in the U.S. or North America, $4.00 elsewhere.

Ms. Roza Ekimov, Librarian, Exploration Department, EXXON Company 440 Benmar, P.O. Box 4279, Houston, TX 77210, reports that they have had excellent results ordering all their USGS mapping from Timely Discount Topos, Inc., Jeffco Airport Executive Building, 9769 West 119th Drive, Suite 12, Broomfield, CO 80020, tel.: 1-800-821-7609.

-- Toll free phone ordering
-- Discounts of up to 15% off USGS list
-- 24-hour turnaround time
-- No pre-payment
-- Access to all in-print USGS maps


REMAINDERED

The latest catalog from The Scholars Bookshelf, 51 Everett Drive, Princeton Junction, NJ 08550. Typical examples include:

<table>
<thead>
<tr>
<th>Book #</th>
<th>Title</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>11245</td>
<td>Plan for New York City (MIT $82.50)</td>
<td>$39.50</td>
</tr>
<tr>
<td>12515</td>
<td>The Mapping of the World (Holland Press $97.50)</td>
<td>$97.50</td>
</tr>
<tr>
<td>44125</td>
<td>A literary gazetteer of England (n.p. $49.95)</td>
<td>$26.95</td>
</tr>
<tr>
<td>45575</td>
<td>A study of the pseudo-map cycle of Arthurian romance Kansas $19.95</td>
<td>$5.95</td>
</tr>
<tr>
<td>41465</td>
<td>A dictionary of imaginary places (Macmillan $24.95)</td>
<td>$13.95</td>
</tr>
<tr>
<td>54635</td>
<td>Atlas of British history. (1971)</td>
<td>$6.95</td>
</tr>
<tr>
<td>54654</td>
<td>Atlas of Russian history. (1972)</td>
<td>$6.95</td>
</tr>
</tbody>
</table>
The Blathwayt atlas, vols. I & II (Brown $525) $395.
Facsimile atlas of the early history of cartography
(Kraus $293) $245
Charting the Russian northern sea route (McGill) $9.95
The official military atlas of the Civil War
(Fairfax $60) $34.95
Atlas of early American history (Princeton $200) $75.
The Cambridge encyclopedia of earth sciences
(Crown $35) $21.95

That old stand-by, Publishers Central Bureau, One Champion Ave., Dept. 352, P.O. Box 20280, Newark, NJ 07101-6280, has also been stocking some cartographic items, to wit:

Calendars for 1986 -- amongst a number of panoramic photo calendars is: #475502 America from the air 1986 calendar $5.98, and the following have appeared in recent catalogs:

Atlas of World War II $9.98
Atlas of battles strategy and tactics, Civil War to present $2.98
Remote sensing: a better view $2.98
Archaeological atlas of the World $4.98
Official military atlas of the Civil War $34.95
Fisher annotated travel guides, each $2.98

Imago Mundi


WISSEN + KONNEN [catalog]. Buchexport Leipzig, Der Deutscher Demokratischen Republik, DDR - 7010 Leipzig, Postfach 160. Annual catalog consolidating maps and atlases produced in East Germany (along with other earth science topics).
AERIAL PHOTOGRAPHY OF MEXICO

The Mexican government offices of the Secretaria de Programacion y Presupuesto make available aerial photography of all of Mexico. We here at SnyderScope are the United States distributors for that office, and in that capacity would like to inform you of the air photo products available.

Mexico has a top quality air photo product. The original photography is in 23 centimeter-square format. Photos have been taken in scales of 1:5,000 to 1:90,000 and are dated from 1970 to the present. The original photography is either black and white, color or infrared. All photography is vertical in format. There are no oblique shots available. The following is a listing of the products available for sale:

1. Black & white paper print (23 cm square)
2. Black & white film positive (23 cm square)
3. Color paper print (23 cm square)
4. Black & white paper enlargement (50 X 60 cm)
5. Black & white paper enlargement (1 meter square)
6. Color paper enlargement (50 X 60 cm)
7. Color paper enlargement (1 meter square)
8. Black & white photo index by zone
9. Black & white photo mosaic by zone

Mexico has been divided into 86 different areas or zones for the purposes of indexing air photos. Each zone covers a small area that can be indexed with flight line and photo number information. There are three different areas of Mexican photography, namely: Mexico, Special Flights and Island Flights. Mexico covers the entire country by zones with photo indexes available for each zone and photo mosaics available for about half of the zones. There are 86 different zones with a total of 148 different photo indexes. The special flights are all of individual cities of Mexico. They are not photo indexed but listed by city name, date and scale of photography. Island flights are air photos of islands of Mexico and are not photo indexed but listed by island name, date and scale.

Air photos can be ordered in any of the above product forms. To specify which air photos you wish you must determine the
photo number and flight lines within the zone you are interested in. There are three ways to do this:

1. Reference a small scale topographic map and supply the latitude/longitude coordinates of the area you wish. This information will be forwarded to Mexico and they will reference their indexes and pick the photos required.

2. Obtain a photo mosaic for the zone of interest and select the actual photos required. (A photo mosaic is several 50 X 60 centimeter photos, for each zone, of the air photos taped together to show the actual photos positioned in their respective lines with flight line and photo numbers.)

3. Obtain a photo index for the zone of interest and select the actual photos required. (A photo index is a single 50 X 60 centimeter photo, for each zone, of a topographic map with flight lines and photo numbers drawn on the topo map. There are 148 photo indexes for all zones to cover all of Mexico).

It has come to our attention here at SnyderScope that there are many libraries and commercial facilities that would like to obtain a complete set of photo indexes for all of Mexico so the indexes could be referenced by many people to obtain photography information. At the current price of photo indexes, a complete set would cost over $3600, a little rich for most agencies. We would like to help reduce this cost so you can obtain a complete set of indexes for a more reasonable cost. We will purchase the entire set of photo indexes, duplicate them and produce a bound volume of all indexes available. The finished volume will include all presently available photo indexes (approximately 148), a general topographic map of Mexico, a general outline of the photo indexes, and a listing of the total special and island flight photo information. We will also provide an update service of letting you know when new indexes are available that can be added to your collection of the new photography that is presently being done in Mexico. Our bound collections will be available in two forms: The first form will be quality copies on bond paper. The second form will be quality diazo copies (blue print).

<table>
<thead>
<tr>
<th>FORM</th>
<th>PRODUCT</th>
<th>ADVANTAGE</th>
<th>DISADVANTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Copies on Bond Paper</td>
<td>Long shelf life</td>
<td>Higher cost</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Better definition</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Diazo copies</td>
<td>Lower cost</td>
<td>Short shelf life</td>
</tr>
</tbody>
</table>
The diazo copies are less expensive but do have the disadvantage of not lasting a long time. If left out in the sun they would last less than a few weeks (but no one would leave them outside)! Within a building, in good storage conditions, I do not know how long they would last, but several years should be expected. (The ultraviolet light of fluorescent tubes can deteriorate this type of print).

Now for the costs:

$3679.28  Photo Indexes (a total collection of 148 photos with no bindings maps or indexes).
$995.00  Photo Index bound volume on bond paper with index map, topo map and special photo listing
$540.00  Photo Index bound volume on diazo (blue print type reproduction either blue or black line) with index map, topo map and special photo listing.

This product will only be available with a minimum of 20 agencies participating in this project to distribute the cost of the initial photo collection over a wide enough base to make it possible to duplicate in this manner. We expect to deliver the completed indexes by March of 1986 (less than 6 months). Orders can be submitted to: SnyderScope

Orders must include a 50% deposit at the time of ordering. The above prices do not include shipping and sales tax. You should add $10.00 shipping (and 6% sales tax for California) to your purchase orders. Terms of payment are net 10 days of balance due upon delivery of the volume.

Please feel free to contact us at any time concerning this or any other Mexican products we can help you with. Please ask for Bob Snyder at the above number for technical questions.

SUBSCRIPTION SERVICE

As mentioned above, there will be available a subscription service to all those who have purchased the Photo Index set. This service will inform you of new photo indexes that have become available for new photography. The new indexes can be added to the bound version to continue the volume and keep it updated. This service will be intermittent as new indexes are not released from Mexico on any kind of a schedule.

PHOTO MOSAICS

We are also interested in supplying on a subscription basis the Photo Mosaics of Mexican Aerial Photography. There are presently over 300 sheets of Photo Mosaics available that
cover about half of the Mexico photography (none are available of the Special Flights or Island Flights). We propose to offer approximately a zone per month (6 sheets) of the photo mosaics on a subscription basis. These would be available with an initial purchase of a special binding to hold the collection and a continued subscription to fill the volume. This would distribute the cost of the 300+ sheets over time so as to not burden your budgets. The service would be supplied to all those interested (we would have to have a minimum number participating to make it economically feasible for everyone participating), with prices dependent on the number of agencies interested in participating. As time went on and Mexico produces more Photo Mosaics the number would eventually double to over 600 sheets of mosaics available. (Note: One zone requires from 4 to 6 sheets to include the entire zone.) We would encourage the subscribers to request specific areas or zones of interest for their subscriptions. We will then supply the most requested zones to the subscribers. This service will be supplied with mosaics on bond paper (diazon prints not available). The cost is expected to be about $80/month dependent on the number of subscribers. Six sheets of the actual photo mosaics would normally cost $149.16. That’s a savings of 46%!

Please contact Bob Snyder at SnyderScope (619) 466-6277 to indicate your interest in this project.

SNYDERSCOPE
8080 LA MESA BLVD., SUITE 113
LA MESA, CALIFORNIA 92041
(619) 466-MAPS
(619) 466-6277
TELEX: 6502572334 MCI

SnyderScope is the official United States Distributors for the Mexican government office of the Secretaria de Programacion y Presupuesto, the office that sells and distributes all the Mexican government technical maps, photos and publications.

Be sure to contact us if you are in need of a catalogue of products available or if we can be of any service.
Remote Sensing Department

The Society of University Cartographers Bulletin cites the availability of a Landsat Image of Switzerland, 1:500,000, 76 x 51 cm., 1984, colored, available for SFr8.50 from the Swiss Federal Office of Topography. A place name overlay is also available.

Also: La France Vue de Satellite (Infra-Rouge - Couleur. 1:1,300,000. 84 x 84 cm. [1985?]) Institut Geographique National, Paris, France. FF30.

Peninsula Iberica & Islas Baleares. 1:2,000,000. [1985?]. Instituto Geografico National. Monochrome.

The National High Altitude Photography index map mailing list was updated recently. If you did not receive a renewal notice, or would like to begin receiving the indexes, send your request to:

Mr. John L. Greenwald, National Mapping Division, 542 National Center, Reston, VA 22092 Tel.: (703) 860-6268

NHAP I photography is now 87% complete; the index for it will now be issued semiannually. The NHAP II 1:5,000,000 index began quarterly distribution in October 1985.

WORLD REMOTE SENSING

A "World Remote Sensing Activity" chart was published in January 1985 by Nigel Press Associates Ltd., Edenbridge, Kent, TN8 6HS for the UK Department of Trade and Industry. The 91 x 101 cm. portrays land imaging satellites on one world map, meteorological and airborne radar on another. Maps show receiving stations, parameters, cloud cover, base map coverage, national remote sensing programs and extant airborne radar coverage. No price given; contact Nigel. [ SUC Bulletin ]

MORE CALENDARS

Britain's National Remote Sensing Centre is issuing an annual air photo calendar for 7.00 pounds. Order from the Space Department, Q134 Building, Royal Aircraft Establishment, Farnborough, Hampshire, GU14 6TD, England.
SELF PRESERVATION

Library Trends recently devoted its entire Summer 1984 issue to papers on insuring library collections, including available policies, crime patterns and their cost, and statutory recourse for damage of library materials. If you maintain a file on preservation, reference to this Library Trends should probably be in it.

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Humanities, journal of the National Endowment for the Humanities (SuDocs Nf3.11:6/4), ran a feature on preservation in the August 1985 issue (6(4):28-38). Included is "Mapping a Preservation Program" by Deborah Papier (pp. 35-36) documenting the salvage of maps by the Wisconsin Conservation Service Center, et al.

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The National Preservation News for October 1985 carries an interesting article on the Library of Congress' "County Atlas Project." Because these atlases included colored inks, microfilm was inappropriate for preserving them. Full deacidification and rebinding have been going on for four years, applied by an independent contractor, Heckman Bindery, Inc.

In addition to a gloss of the project, the article includes a photograph of the LC roller-shelving arrangement for oversize books. This, too, is a model for proper atlas treatment.

As a service to readers, we will try to follow-up on the preservation specifications used for this project. In the meantime, subscriptions to the National Preservation News are available, free, from The Library of Congress, National Preservation Program Office, LM G07, Washington, D.C. 20540, tel.: (202) 287-1840.

In just 16 pages, this second issue manages to pack a lot of information. For instance, there are items on the emerging "National Preservation Plan, under the direction of the Council on Library Resources; improving access to the National Register of Microfilm Masters by the Association of Research Libraries and LC; the analog videodisc preservation prototype of the LC Prints and Photographs Division; a calendar of significant meetings on preservation, selected publications, "news and notes," and, on the back cover, a graph of German, U.K., and U.S. paper deterioration rates 1800-1979."
RLG PRESERVATION UNION LIST

The Research Libraries Group has updated its list of microform preservation masters with a second edition, dated May 1985. Containing 40,000 citations to master negatives in RLG member libraries, the list is a great source for locating inexpensive copies of early works -- which the WAML Microform Consortium hopes to exploit.

The list is available for $7 per copy from Ms. Christina Kasson, RLG Publications Clerk, Administrative Services, RLG, Jordan Quadrangle-Oak, Stanford, CA 94305, tel.: (415) 328-0920.

NITRATE NIGHTMARES

If you are maintaining a binder of information on preservation issues, you might want to add copies of the following articles:


Patricia Knittel, "A selected bibliography on photographic conservation, January 1975 - December 1980." Rochester, Rochester Institute of Technology, Technical and Education Center of the Graphic Arts, 1981. Indexed/abstracted articles are available from RIT, One Lomb Memorial Drive, Rochester, NY 14623, tel.: (716) 475-2739. Also includes RIT publications list (available separately) which has a number of applicable titles.
CHARACTER MAPPING

City character prints are currently available for the following cities and states. Each is printed as a 29" x 39" [Large size = "L"]; or 1/4-size ["Q"] poster 14" x 18" for $4. Some have been produced as 21.25" x 14.6" puzzles. Of varying dates, each print represents a slightly boffo, mind's eye view of the landmarks which characterize the place, including street people, yuppies, and the whimsy of local ordinances.

All are available from Descartes Inc., Box 246, Grimsby, Ontario L3M 4G5; for puzzles, contact Tuco, Inc., 601 Amherst St., Buffalo, NY.

**UNITED STATES**

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[see also, under CANADA: Niagara Falls]

**CANADA**

| Calgary   | L/Q | Detroit- | L/Q | Edmonton | L/Q |


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**SPECIAL PROJECTS**  
[large size only; ** = $2. extra]

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<tr>
<td>London, Eng.**</td>
<td>New Mexico</td>
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<tr>
<td>Puerto Rico</td>
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<td></td>
<td>[Four Great American Cities, ON ONE PRINT: **]</td>
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<tr>
<td></td>
<td>Boston, New York, Philadelphia, Washington, D.C.</td>
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**NEW MAPPING OF WESTERN NORTH AMERICA**

**MEXICO -- GULF OF CALIFORNIA**

*Cruising charts. Middle Gulf plotting sheet. 1:608,709.*  
Covers from Guaymas and Conception Bay north to Puerto Refugio and Libertad. Based on DMA #21009 and Mexican air photos. $3.50 postpaid from Cruising Charts, Box 976, Patagonia, AZ 85624.

**CALIFORNIA**

Kiplinger Washington Editors, Inc.  

41 x 34 on sheet 41 x 57 cm. no scale given. $3 or free with subscription. County outline map color coded for 3 levels of population growth. Data tables by county. [Larry Cruse]

A new *Air Photo Atlas of Orange County, California* is now in the subscription phase by Rupp Air Photo of Phoenix, AZ. Scheduled for release in January 1986, the November/December 1985 photos will cover 16 square miles each and will be lithographed on 10-gauge chrome paper. The facing page will contain a corresponding 1:14,400-scale zoning map incorporating traffic counts and census tracts and an overlay grid for sizing parcels from 2.5 to 160 acres. Price is $400.

In the planning stages are similar atlases for metropolitan San Bernardino-Riverside and Ventura Counties, in California, in addition to the Phoenix and Tucson metro areas in Arizona. For further information contact, Bill Butler, Rupp Air Photo, 3423 East Chapman Ave., Suite C, Orange, CA 92669; tel.: (714) 997-3423. These atlases will be similar to those pro-
duced by Landis Air Photo -- also of Phoenix -- for San Diego County from 1980-1983. [Julia Gelfand & Larry Cruse]

Thomas Brothers

Thomas Brothers and MPSI are said to be planning similar air photo/map atlases, conforming to the Thomas Bros. county atlases available in Washington, Oregon, California, Nevada and Arizona. These are tentatively priced at $95 per county. For further information contact, Thomas Brothers Maps, Irvine, CA.

San Diego County is currently covered by a similar atlas produced annually at a local firm, Air Photo Bank. While smaller in format than the proposed Rupp atlas, and smaller in scale as a consequence, the proliferation of such atlas/map books is an interesting phenomenon. If you hear of any others anywhere in the world, would you please contact the Editor.

SACRAMENTO RIVER

River atlas. Appendix to middle Sacramento river spawning gravel study. Sacramento: California Department of Water Resources, Northern District, 1984. 28 x 44 cm. $20 from Dept. of Water Resources, P.O. Box 607, Red Bluff, CA 96080. Prepay checks to "Department of Water Resources".

Deserves an award for cartographic excellence of concept and execution. Sheets are similar to soil survey air photos. In addition to its design purpose of showing salmon spawning areas, it includes all of the historic meander lines of the river for 12 periods from 1896 - 1981; levees, their content and construction date; section lines, who surveyed them and when; scale (1:12,000), date and source of air photo on each page, which, at 11 x 17 inches, just fit on standard, large size photo copiers.

SALTON SEA REGION

USGS. Index of earth resources observation systems. ns. nd. 43 x 54 cm. Reston, VA: USGS. Free from NCIC, Mid-Continent Mapping Center, USGS, 1400 Independence Road, Rolla, MO 65401, tel.: (314/341-0851). On verso is LANDSAT color composite of the Salton Sea region of Southern California.

COLORADO

Colorado Geologic Highway Map, 1:1,000,000, 22" x 34", 1985, by Western Geographics, P.O. Box 2204, Canon City, CO 81221, tel.: (303) 275-8948. $6 + p&p ($ .75 folded, $1.55 rolled; add $.25 for each additional copy). Printed on "Kimura" plastic, this 1985 edition is produced by R.D. Christiansen, based on the earlier USGS Geologic map of Colorado. [Mary Larsgaard]
Colorado Cross Country Ski Maps:

ASPIN-CARBONDALE ; BRECKENRIDGE

NEDERLAD-GEORGETOWN ; VAIL-LEADVILLE

Topographic, with individual trails marked with difficulty, length and access. Each map features at least 25 trails, includes survival notes, local amenities, cross country ski centers. Eagle Eye Maps. [Mary Larsgaard]


NEW MEXICO

Soil Conservation Service. Important farmlands, Union County, New Mexico. Fort Worth, 1983. 119 x 79 cm. 1:126,720. Free. For source, see next entry. [Heather Rex]


Bureau of Land Management. Carrizo, New Mexico, surface management status; minerals management status. Santa Fe, 1981. USGS, Denver Federal Center, Box 25286, Denver, CO 80225. 124 x 144 cm. 1:100,000. $4.00 or depository. [Heather Rex]


OREGON

Mineral resources map, offshore Oregon, 1:500,000 (GMS-37, $6 from Oregon Dept. of Geology and Mineral Industries, 910 State Office Bldg., 1400 S.W. Fifth Ave., Portland, OR 97201. PREPAYMENT REQUIRED. (GIS Newsletter No. 96.)

UTAH

[all citations by Barbara Cox]

Anderson, Paul B. Geologic map of the Pine Canyon quadrangle, Carbon County, Utah. Salt Lake City: Utah Geological and Mineral Survey. 1983. 58 x 45 cm. 1:24,000. $$??


UNITED STATES - WESTERN

"Ski the West" Michelob promotional poster, an over-the-horizon oblique view looking north, with all major ski areas delineated. Minimum purchase, 5 copies for $5. Prepayment reqd. by December 31, 1985. Order poster #13 from NOW Services, Inc., P.O. Box 93292, Atlanta, GA 30377-0292. (The inevitable beer bottles are at poster bottom and not too intrusive -- it would make a nice display for Christmas time.) [Editor]

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CONFERENCES/MEETINGS - SOME PAST, SOME FUTURE

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NOVEMBER 1985

Nov. 4-8
Sioux Falls, SD
EROS Data Center Workshop: Advanced Remote Sensing and Spatial Data Analysis for Exploration Geology. Designed for geoscientists involved in exploration for hydrocarbons or minerals. Will introduce concepts and utility of geological data bases incorporating geological, geophysical, geochemical, remotely sensed, topographic, and geographic data. Workshop exercises will be conducted on remote image processing systems (RIPS). Contact: see Oct. 21-25.

Nov. 6-8
Menlo Park, CA
National Cartographic Information Center, Western Region Affiliate Workshop.

Nov. 7-9
Chicago, Ill.
Library. Contact: Newberry Library, 60 West Walton St., Chicago, IL 60610 (312/ 943-9090, ext. 472).

Nov. 12-14
San Francisco
The Future of Optical Memories, Videodiscs and Compact Disks to the Year 2000. Holiday Inn, Union Square. Contact: Technology Opportunity Conference, P.O. Box 14817, San Francisco, CA (415) 626-1133

Nov. 10-13
Skokie, Illinois

Nov. 15-16
Washington, D.C.

DECEMBER

Dec. 2-6
Sioux Falls, SD
EROS Data Center Workshop: Spatial Data Analysis for Resource Assessment. Workshop for those working in natural resource planning and management, includes an overview of spatial data characteristics and geographic information systems, descriptions of the role of remotely sensed data in GIS, discussions of capabilities limitations, and procedures involved in spatial analysis, and explanations of methods available for application to natural resource problems.

Dec. 9-12

Dec. 10-12
JANUARY 1986

Jan. 7  Cartographic Users Advisory Council.
Washington, DC  Library of Congress, Geography & Map Division
Conference Room. 9am - 4:30pm  Contact:
Stanley Stevens, UC Santa Cruz (408/429-2364)

Members of CUAC are:  ALA GODORT: Richard Fox, Jim Gillespie
ALA MAGERT: Carol Collier, Paul Stout
GIS: Charlotte Derksen, Nancy Pruett
SLA G&MD: Kathleen Eisenbeis, Jim Minton
WAML: Linda Newman, Stanley Stevens

AGENDA includes presentations and discussions with the following:

Donald E. Fossedal, Superintendent of Documents
George J. Demko, Director, Office of the Geographer
Ted Hodur, Vice-President, Micro Aero Charts, Inc.
Elizabeth Morris, Chief, Office of Public Affairs, B. Land Manage.
Bill Wilen, Director, National Wetlands Inventory, U.S. Fish &
Wildlife Service, & Tom Dahl, Assistant Director

During 1987 will be the 20th Anniversary of WAML meeting in Reno.
ATLAS & BOOK REVIEWS

edited by

Peter L. Stark

Map Librarian
University of Oregon
Eugene, OR 97403


In 1969 the Government of Alberta and the University of Alberta published an Atlas of Alberta as a special Centennial project. Now, fifteen years later, Alberta report, a weekly newsweekly, has published another Atlas of Alberta. Though it has about the same number of pages, the new atlas shows some marked differences from the earlier one which was essentially "an academic atlas ... vital to research and learning but not immediately useful to Albertans in their everyday lives." Thus, the publisher perceived the need for a new atlas, "pertinent to people's immediate needs." The need to identify what one sees in travelling through this huge province; the need to know enough about Alberta's historical and economic background to interpret the day's news events--if that is what the publisher meant, then his atlas has succeeded to a remarkable degree.

In the first of its three sections, the Atlas shows maps produced by earlier travellers, Alexander Mackenzie and David Thompson. The roles of the fur trade and the railroad are presented. The growth of the province is portrayed in the historical maps of its cities, chiefly Edmonton and Calgary.

The second section is probably the one which will be most heavily used. In addition to sectional provincial maps and a gazetteer it provides detailed street maps for the thirty-nine largest cities and towns. Edmonton and Calgary receive the most extensive treatment with features most useful to business and recreational travellers. Smaller communities are not neglected.
The visitor to Vegreville, for example, will easily locate shopping malls, hotels, most street addresses, and of course, the Vegreville Easter egg.

The last section maps Alberta's natural resources: its oil and gas fields, mineral deposits, timber and agricultural areas, its recreational preserves, watersheds, and climate. The natural wealth of this province must impress even the least observant traveller.

A welcome bonus is the introductory article, "Map-making in Alberta," by Ron Whistance-Smith, curator of the University of Alberta Map Collection and currently Past-President of WAML. Ron chronicles the cartography of the province from the 16th century to the present, naming the most important persons and surveys and tracing the development of techniques and instrumentation.

The most unique feature of the Atlas lies in its second section: the street maps for thirty-nine cities and towns. The publisher's introduction calls this the "'bread and butter' section." It required nothing less than a "street-by-street survey of every municipality in Alberta with a population over 4,900!" The field workers actually did that in order that the user might know where to find a particular street address, an all-night service station, a 24-hour restaurant, a certain bank or church, or the local liquor store. Final corrections and additions were made with the help of map checkers including local chambers of commerce and taxi drivers.

This outstanding feature must necessarily also become the most apparent weakness of the Atlas. How long can such information remain accurate? The desperate driver who finds the all night service station or restaurant closed will not bless his handy Atlas of Alberta.

There is little else to be seriously criticized. The David Thompson historical map is not very legible but its exclusion would have been a significant loss. Some other reproductions suffer from the same problem due to over reduction, e.g., Old Strathcona on page 49 and the Edmonton Settlement plan on page 18. There is a provincial gazetteer and there are indexes for Calgary and Edmonton but a complete subject index and a comprehensive index for parks, mountain passes, lakes, rivers, and historic places would have been most useful. The natural resources maps are introductory at best, but the purpose of the Atlas justifies this brief treatment. A concise but excellent explanation of the province's land survey is presented on page 157 (note the Canadian numbering system for the sections within a township as compared to U.S. practice). A practical aid would have been an accompanying map of Alberta showing the locations of meridians and primary baselines with range and township numbers at spaced intervals.

The virtues of the Atlas far outweigh its few deficiencies and in this reviewer's opinion the Atlas of Alberta should have
almost universal appeal. Its price and practical application recommend it to individuals; its content and coverage will make it a useful acquisition for both public and academic libraries.

Herb Fox, Map Librarian
Henry Madden Library
California State University
Fresno, CA 93740

Carrington, David K. and Richard W. Stephenson, eds.
Map Collections in the United States and Canada,
ISBN 0-87111-306-6

Directories are important to the exchange and sharing of information, ideas and resources. This is especially true of map librarianship which, as a specialize field, requires that its practitioners maintain contact with each other to make the most of our information resources. The fourth edition of Map Collections in the United States and Canada is especially welcome then as an update of the previous edition done in 1978. The arrangement and descriptive information is the same as before with the various collections arranged alphabetically by state or province and then alphabetically by city. The index is comprehensive making the directory very easy to use. One welcome addition to this edition is the inclusion of a running title indicating the names of the state or province and the entry numbers to be found on that page. The entries have all been updated from questionnaires sent out in 1983 and 1984 and resulted in 804 entries; 199 more than the previous edition. It is the most exhaustive directory of its type available and so is a "must have" for any map collection/library.

David Lundquist
Map Librarian
University of California
Davis, CA 95616

The Atlas of Colorado is a welcome addition to the list of available state and regional atlases. The hardcover edition is well-bound with an attractive varnished dust jacket depicting a LANDSAT view of the area near Boulder in full color. The atlas is composed of eighty 27cm x 27cm (10.5 inches square) pages, including front matter, on a heavy opaque stock. More than one hundred maps are printed with two inks and four major maps are multicolored. Registration is generally good, but there are some white zones along some county lines and some minor moires. The typography is especially handsome contributing to the attractiveness and readability of the atlas. Many map scales are included.

Two senior professors of geography, Kenneth A. Erickson and Albert W. Smith, collaborated as authors. The text is both authoritative and readable. The twenty-three topics chosen include physical, cultural, and economic subjects. Selected references are listed for most topics. The content is well-balanced with an appropriate bias toward minerals and tourism. For example, there is a flowline map of "Origins of Out-of-State Skiers."

An errata sheet contains some corrections including several cases of misapplying type in legends. There are also other pesky if less serious errors. The "Days with Temperatures 90[degrees] F or Over" map includes degree symbols where the reviewer assumes the numbers to be days, not degrees. The location map in the front is not in error, but it does lack boldness in lettering.

One assumes that lack of money caused other omissions or shortcomings. The endpapers are not utilized, there are no detailed sectional maps of the state, the atlas lacks both index and a gazetteer. The limitation to two inks, one of them screened black, yields shades of brown that lack spark. While tonal steps between categories are generally readable, the occasional use of white patterns in the colors would have enhanced readability.

There is much to be gained from Atlas of Colorado. Many snowbound nights can be spent perusing it. While bothersome, the errors and omissions are not great. The text edition should please educators. We hope that this atlas will serve until resources are available to portray Colorado more completely.

William G. Loy
Professor of Geography
University of Oregon
Eugene, OR 97403

There has been a revival of interest in, and appreciation for, the American Guide Series, the product of an ambitious Works Progress Administration task to tap the skills of unemployed writers during the latter years of the depression. The result was seven linear feet of guidebooks to states, cities, and regions, following a more-or-less standard format. The story of this project is told well in Jerre Mangione's The Dream and the Deal: the Federal Writers Project, 1935-1943 (Boston: Little, Brown, 1972). A more geographically-focused article by Peter Stark appeared in the June 1985 issue of this publication (16:3, pp 252-257) which includes a handy list of the state guidebooks and a selective bibliography.

The American Guidebook Series attempted, and succeeded remarkably well, in capturing a picture of America in the 1930's. As Stott writes in the introduction to this book, "They offer the richest composite word portrait we have of our country - an astonishing gift from a period of hard times."(p. 11) Places were described concisely but intelligently in terms of their past and present, and the link between, and they abounded with the folklore and social customs that are usually omitted in the guidebook genre. That these descriptions still have utility is evidenced by the fact that the guidebooks are ardently collected today, revised and updated with some regularity, reprinted (including the full set of the original on microfiche), written about, and now even excerpted.

Hobson has pulled particularly noteworthy, but not untypical, passages from the state and city guidebooks and arranged them into twenty-eight chapters under such headings as natural conditions, buildings, factory and workshop, trades, at home, animals, society, etc. Stott contributes pithy introductions to each. It doesn't sound like a good idea for a book, but then neither does the frying of thin slices of potatoes in grease. The results are enticing: try to stop reading this book after just one chapter.

It is difficult to describe just what kinds of passages are included. They are thin slices of Americana, to be sure, richly regionalized, often humorous, sometimes almost poetically phrased, which in themselves might be termed trivia. But when collected together they form a fascinating picture of America and its uniqueness. We have the railroad promoter who jumped off a burning steamer only to capsize the lifeboat and drown because his moneybelt was full of gold coins. Croatan, North Carolina, had a "self-kick-in-the-pants machine" with which people could punish themselves when needed. Then there was the West Virginia town with two competing volunteer firefighting companies. Joliet, Illinois, produced one-third of America's wallpaper, and there is
a description of the process in this book. These are merely random examples of what can be found in Remembering America.

There is an index to entries by state so you can check on how your state is represented. There are no maps.

So why is a book like this being reviewed in a map library publication? The original guidebooks had some maps, but they were not cartographically distinguished - just some standard highway maps showing routes along which the books were arranged, and a few simplified city plans. Yet the American Guide Series has proven to be a handy quick-reference set because of the volumes' detailed placename indexes, bibliographies, and general surveys of history, wildlife, economic activity, and the like.

Remembering America admittedly has less reference value in itself. It is really just a good read, but it serves as a wonderful introduction to the great treasury from which it is drawn, and for this reason it should belong in almost all American libraries. Map librarians should be aware of it so they can refer their patrons to it.

If only we could have another American Guide Series compiled today!

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The Atlas of Oregon Lakes is a product of Oregon's Clean Lakes Program (OCLP) which was initiated in 1980. The atlas project was carried out by Portland State University in cooperation with the Department of Environmental Quality, the state's lead agency in the OCLP.

This valuable publication comprises the first major part of the OCLP because it has produced a survey and classification of Oregon lakes based on water quality. To accomplish this it was necessary to compile existing material (much of it unpublished), gather and analyze new data, and then select and apply a system of water quality classification.

The Atlas of Oregon Lakes is a high quality publication that should prove to be a valuable source of information for a broad spectrum of users.

The authors devote 39 pages and four chapters to introduce the nonscientist to concepts and terminology used later in the atlas where detailed information on 202 individual lakes is presented. In clear, concise language supported by maps, photos, graphs, and diagrams an introduction to and relevance of the following terms are presented: multiple use of water resources; geomorphology of Oregon; geomorphic classification of Oregon's lakes; the basics of limnology, including physical characteristics, water chemistry, aquatic biota, and the trophic classification system. The latter is used to assign the 202 survey lakes one of five trophic states, based on levels of primary productivity, nutrients, chlorophyll, and water transparency. This introductory section also contains a brief chapter devoted to lake management, including its purpose, treating the consequences of eutrophication, problems of introduced species, and acid precipitation. Recommendations are then made on steps to minimize cultural eutrophication. Most of these twelve recommendations require some type of land use regulation and could serve as a guide for further actions by legislative and/or executive actors interested in the improvement of lake quality.

The bulk of the atlas contains reports on 202 lakes. Size was used as an important criterion for selection from the thousands of lakes within the state. A minimum of 50 and 100 acres were used for natural and artificial lakes, respectively. Of the 202 lakes selected for study, 54 are considered to be "lakes of particular interest." Each of the 54 lakes are
presented in two pages. Information about each of the remaining 148 lakes classified as "other lakes," is presented on one page. Lakes in each group appear in alphabetical order which facilitates browsing.

A wealth of information for each lake is encapsulated on the one or two pages. Included are: a variety of locational information; the trophic status and data supporting the designation; a drainage basin map; a bathymetric map; a graph of temperature and dissolved oxygen at various water depths; data on lake morphometry; a photograph, often keyed with captions; and a narrative report. The inclusion of bathymetry will provide useful information for many but should prove particularly helpful to boaters and fishermen. But bathymetric maps of large, narrow, and deep lakes—e.g., Billy Chinook Reservoir behind Round Butte Dam or Prineville Reservoir on the Crooked River—will be of relatively little use to the latter two groups.

The inclusion of appendices allow ready comparison of water quality data and provide information about the testing methods and analytical procedures used. It is noteworthy that data in the appendices appears only in English units, while throughout all other parts of the atlas careful attention is paid to presentation of data in both metric and English units. A bibliography containing 229 sources is indexed for reference to specific lakes included in the atlas. This will be particularly useful for those wishing to attain additional information about individual lakes.

The atlas contains relatively few errors for a work of this size and nature. When presenting lakes at a world scale (p. 8), the Caspian Sea should have been listed as having the largest surface area, not Lake Superior; while Lake Baikal, the world's deepest lake, is located in Siberia, not Central Asia. When discussing water utilization (p. 1) the terms consumptive and nonconsumptive are incorrectly used for withdrawal (or off channel) and instream uses, respectively. While it is correct that irrigation is the leading consumptive use in Oregon, other uses ascribed to be consumptive (e.g. municipal and industrial) are generally considered to be nonconsumptive withdrawal uses. The data on storage in modified natural lakes and behind dams would have been more meaningful if it were designated as active storage because such impoundments also may contain large volumes of inactive or dead storage.

In regard to the relatively few mechanical errors, the following are noteworthy. In Table 3-1, which is provided as a convenient reference to the trophic classification system, micrograms of phosphorus per liter is incorrectly given as the indicator unit instead of milligrams. In a few instances photo captions are omitted (e.g., pp. 205, 103), which leaves the reader wondering what the white numbers on the photo designate. The location of Green Peter Reservoir is given as northwest of Sweet Home, rather than northeast; while a ten mile discrepancy on length of shoreline exists between the text and tabular
presentation. Finally, Table 4-1 would be more useful as a guide to agency responsibility for lake management if horizontal lines had been added, allowing the reader to more readily line up the particular management category with the proper agency.

It is emphasized that the discrepancies noted above are minor relative to the scholarship and potential utility of the atlas. The *Atlas of Oregon Lakes* is highly recommended for both the nonprofessionals and professionals who are interested in one or more of the many facets of water use.

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NOTE: SEE ILLUSTRATION ON PAGE FOLLOWING
CLEAR LAKE
Linn County
Willamette/Sandy Basin

LOCATION
Area 148 acres (59.5 hect.)
Elevation 3012 feet (918.1 meters)
Type natural lake
Use recreation
Location 5½ miles east of Eugene in Willamette National Forest
Assess adjacent to US Hwy 126; 12 miles north of Belknap Springs
USGS Quad. Three Fingered Jack, Echo Min. (15 min.)
Coordinates 44° 41' 21" N; 121° 12' 59" W, 32 sec W

One of eleven in the state and the most obvious example in Oregon of a lake formed by a lava dam. About 3000 years ago hot lava, issuing from a vent in the Sand Mountain line of craters to the east, poured across the McKenzie River, impounding its flow. The quickly-formed lake inundated a standing Douglas fir forest and dozens of anses are still located on the lake floor, partially preserved by the cold waters. This "underwater forest" can be seen through the remarkably clear water and is a popular destination for boaters and scuba divers. Stress patterns in the drainage basin have been altered considerably in recent geologic times; lava has buried so many of the old river channels that much of the area is now drained by groundwater flow. Clear Lake is fed chiefly by large springs along the north and east shore; the largest of these is Big Spring, which gushes dramatically into the lake with a flow of ice cold water.

Clear Lake has long been an attractive recreation spot. The Santiam Fish and Game Association leases the lake from the National Forest and operates a small resort with cabins. A Forest Service campground is also available for visitor use. The Association is a sportsmen's club, one of many throughout the state affiliated with the Oregon Wildlife Federation. Combined efforts of these organizations, public and private, have been instrumental in the protection of a quality fishing experience and the preservation of the resource. No motorboats are allowed on the lake. Fishing is usually good throughout the season. Both rainbow and brown trout are stocked and there are some native cutthroat trout. There are apparently no trash fish in the lake.

Chemically and biologically, Clear Lake is unusual in a number of respects. Although the underwater trees are not "petrified," decomposition has been very slow because of the low level of biological activity in the water. The lake is also unusual in having slightly higher concentrations of major ions than most other Cascade lakes. The fact that inflow is primarily from subsurface drainage in volcanic rock may account for this aspect of the water's chemistry. As the name of the lake implies, the water in this lake is very transparent (Secchi disk depth = 55 feet; 17 meters) and there is very little growth of plankton or rooted macrophytes. Chlorophyll and transparency data indicate that it is ultraoligotrophic. The total phosphorus observation is anomalously high, again perhaps due to the influence of volcanic rock inflow. Clear Lake is rather deep and may be expected to remain ultraoligotrophic. In spite of intense recreational use, the management history makes this a reasonable expectation.

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DRAINAGE BASIN -- Approximate Boundary

TEMPERATURE AND OXYGEN

Sample entry, Clear Lake, Linn County.

From: Atlas of Oregon Lakes

Reps' latest work presents Pacific Northwest lithographs in this beautifully illustrated book. The text is based on his 1983 lecture at Washington State University for the Pettyjohn Lecture Series in Pacific Northwest History entitled "City Prospects and Urban Panoramas: Nineteenth Century Lithographs of the Pacific Northwest".

Essentially Reps takes the information from his *Views and Viewmakers of Urban America* (Columbia: Univ. of Missouri, 1984) and reworks it to focus on the Northwest. The text discusses lithographic production methods, the use of city views in research on urban development, and the more prominent of the artists who worked in the region. Although more background information on these men is to be found in *Views* Reps does provide additional information about each artist's working techniques, with particular attention to the sequence of views for some of the cities, and to the variations in perspectives. A major handicap to easy use of this material is the book's lack of an index. Thus this book supplements but does not replace *Views*, even for the Northwest.

The catalog section listing panoramas repeats those listings in *Views*. There are no new listings, but there is an inexplicable deletion of sixteen Montana panoramas. Some data in the catalog has been updated, for example, the entry for Astoria, 1846 (#31), now indicates a collection where this panorama may be found. However, Reps makes the statement that although doubtless there are other views that exist "...this catalog is reasonably complete." This statement must be taken with a measure of caution even beyond the problem of the missing Montana views. For example, in *Panoramas of Promise*, Astoria, 1846 (#31), Oregon City, 1846 (#47), Oregon City, 1858 (#49), and others have been in the Oregon Historical Society's collections for years but are not cited in the catalog.

Also, Reps lists the city panoramas listed in the *West Shore Magazine* (1875-1891) that were produced in large formats, fold-outs and supplements. There are many single page 8 x 10 size city panoramas in the *West Shore* that Reps does not include. Although he does mention these *West Shore* illustrations and cites the Oregon Historical Society index (done by the way by Ms. not Mr. Jan Heikkala) one would have expected that even an hour's perusal would have elicited additional citations for this catalog. (The *West Shore* is available on microfilm.)

The subtitle indicates certain limitations which would seem
to restrict coverage to the 19th century, but the catalog cites ten post-1900 panoramas—one as late as 1925. Fine, but why not also include the panoramas of the two major expositions of the region? The Lewis and Clark Centennial Exposition and Oriental Fair, Portland, 1905, and the Alaska-Yukon-Pacific Exposition, Seattle, 1909, were particularly important to the growth and development of the Northwest. These bird's-eye-views advertised the area in the same way city views did but reached a wider audience. The fair views contributed directly to regional development. That promotional aspect is partially what this is about—the contribution bird's-eye-views have made to urban growth, not as just works of art, or as records of the urban scene. I would have hoped that Reps would have gone a little further both in text and catalog with this theme. Overall Panorama is a good presentation but it doesn't quite fulfill the promise.

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Oregon Historical Society
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Sir Francis Drake and the famous voyage, 1577-1580.

Essays commemorating the quadricentennial of Drake's circumnavigation of the Earth. Edited by Norman J.W. Thrower.
Berkeley: University of California Press, 1984. $34.50

This is an important and beautifully designed volume that ought to be added to all libraries that attempt to provide research material on the history of cartography, history of voyages, and history of the circum-Pacific.

There are forty-two illustrations, a liberal number for this 233-page book. All of these are black-on-white reproductions, except for the Drake-Mellon World Map (a manuscript in the Paul Mellon Collection, Yale Center for British Art) which is reproduced in color on a 27.5 x 52 cm plate, folded to match the dimensions of the 29 x 22 cm hardbound book. The book jacket is also this same color reproduction with book titles added. Most of the reproductions appear dull and lifeless in comparison to this color Drake-Mellon map. Four maps drawn for William A. Lessa's "Drake in the South Seas" are original. These are crisp, clear, and well designed. It is too bad that the economics of publishing do not permit additional color reproductions, the loss of beauty is unfortunate. The portrait of Sir Francis Drake and some of the other important maps suffer from washed-out tones and loss of esthetic quality. Many of the important items are, however, difficult to reproduce in any medium; e.g., illus. 9.11: "Detail from the Molyneaux terrestrial globe...." This 382-year-old globe must be beautiful to view, but it is apparent from this reproduction that the original has suffered some discoloration which makes the interpretation of this illustration difficult, at best.

At first glance, I wondered why this book seemed to ignore the controversy over the location of Drake's actual landing site in Northern California, considering the fact that this book is one of the results of the quadricentennial celebration of the landing and the five-week sojourn of Sir Francis Drake and his Golden Hind in California during mid-1579. I discovered that Norman Thrower explains this omission adequately in his Preface [p. xiv]: "Because of the timely appearance of these works their subjects are not emphasized in the present volume." His reference is to Lost Harbor: The Controversy over Drake's California Anchorage, by Warren L. Hanna (Univ. of Calif. Press, 1979), and two related monographs: The Plate of Brass Reexamined (1977) and The Plate of Brass Reexamined: A Supplementary Report (1979), both issued by The Bancroft Library, UC Berkeley. (This location of Drake's landing has taken on the magnitude of the controversy surrounding the so-called Vinland Map at Yale University.) These scholarly works were published during the three-year period, 1977-1980, during which the quadricentennial celebrations honored Drake's
California visit.

Another author, Robert H. Power, has apparently been ignored in this compilation of essays. Power has done extensive research on the subject of Drake's landing [see "A study of two historic maps...." 1978, in WAML Information Bulletin Vol. 10 #3 (p. 232) June 1979]. Power was a member of the Sir Francis Drake Commission (State of California, 1975-1980), sponsor of the California celebrations. Perhaps his work was reviewed in Lost Harbor and did not require coverage here. "... many addresses were made to a variety of audiences" during the Drake celebrations, but only ten are published in this volume.

The individual essays of this glorious contribution to Drake literature warrants your attention. Each essay complements the other and each stands alone as the best scholarly research on Drake produced to date, creations of a cumulative knowledge about Drake — a fascination which spans the 400-years since the voyage.

The book includes a brief message from His Royal Highness Prince Philip, Duke of Edinburgh. The Preface by Dr. Thrower, Professor of Geography and Director of the William Andrews Clark Memorial Library at UCLA, sets the stage for the entire work.

The scholars and their essays are (in order of appearance):

"Drake and the World Encompassed" by John H. Parry
"Elizabethan Navigation" by David W. Waters
"Early Accounts of the Famous Voyage" by David B. Quinn
"Drake and South America" by Kenneth R. Andrews
"Drake in the South Seas" by William A. Lessa
"Drake and Plymouth" by Crispin Gill
"Charles Fitzgeoffrey's Commendatory Lamentation on the Death of Drake" by Michael J.B. Allen
"Sir Francis Drake Revived: From Letters to Legend" by W.T. Jewkes
"The Cartography of Drake's Voyage" by Helen Wallis
"The Aftermath: A Summary of British Discovery in the Pacific between Drake and Cook" by Norman J.W. Thrower
"A Collection of Drake Bibliographic Items, 1569-1659" by Benjamin P. Draper

Each essay has a wealth of information about Drake. The setting in which he prepared for his voyage, the technical knowledge of navigation possessed at the time, and the attitudes held by Drake. John H. Parry sets the tone: "The Famous Voyage, ...., proved to be the turning point of Drake's career. By means of this voyage he graduated, one might say, from slightly disreputable though successful slaver and pirate to famous privateer-explorer. He was to become a widely -if intermittently- respected admiral and ultimately a folk hero and a national legend."

Space limitations dictate that a description of the essay by Helen Wallis, Map Librarian, The British Library, will have to
suffice for this review. "The Cartography of Drake's Voyage" is forty-two pages, includes 12 reproductions of maps or parts thereof, plus the foldout color plate, and 73 notes to provide elaboration of points made in the text. This essay is identified by Norman Thrower in his Preface as "an expanded version" of "the final event [of the week-long celebration in June 1979] [which] was a banquet held at the Empire Room of the Sir Francis Drake Hotel [San Francisco], where an address was delivered by Dr. Helen Wallis, Map Librarian of the British Library."

Her essay covers the same territory as that published in her The Voyage of Sir Francis Drake Mapped in Silver and Gold. It was published in 1979 by The Friends of The Bancroft Library as Number 27 in its series of Keepsakes for its members [LC: 79-53308].

She has provided a definitive discourse on the mysteries revealed, and not revealed, by "Drake's maps, some lost, others preserved and treasured as records, however imperfect, of that remarkable voyage." It is beyond the cartographic resources that Wallis takes us. Sections of her essay are entitled: "Primary Sources: Charts and Journals"; "Drake's Discoveries"; "A Policy of Secrecy" [explaining why "... a strict control of the graphic and written records was successfully enforced."]; "Hakluyt's Publications"; "Maps Derived from the Queen's Map"; "The Silver Map"; "The Molyneux Globe"; "Later Printed Maps"; and finally, "The Cartographic Record".

The concluding contribution of this book "is a selection and condensation of the extensive 'Drake Bibliography, 1579-1979' prepared by Benjamin P. Draper." It is only 111 items. The larger work "contains close to six hundred entries, [copies of which] have been deposited in the British Library, ... the Bancroft Library, ... [UCLA], and the California State Archives...."

In conclusion, this set of scholarly essays is not the fireside companion for light reading before bedtime. It is a reference work to be consulted for a definitive understanding of Drake and his times, as well as British modus operandi and discoveries of the period.

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CONFERENCE MANUAL
WESTERN ASSOCIATION OF MAP LIBRARIES

Compiled by

Barbara Cox
University of Utah
Former WAML President

A member willing to host a WAML meeting takes the initiative by notifying the President. It is assumed that the volunteer has the tacit approval of the host's institution. The Executive Committee picks sites for semi-annual meetings which provide a reasonable geographic balance. One meeting is usually held in the San Francisco Bay area and one meeting in the hinterland. Sites are chosen about two years in advance. A pattern of rotation from north, to central, to south, to central, to north, has been previously agreed to be a desirable sequence. The regions are not strictly defined and the sequence is not mandatory.

Specific dates are announced to the President by the host no later than the preceding meeting. The host picks dates most appropriate for the local situation. The conference usually lasts two days, as the Executive Committee must meet before the standard day and a half program. Usually the program is scheduled for Thursday afternoon and Friday; some hosts have offered Saturday field trips.

Meetings may be held in conjunction with other groups, for example, SLA, California Map Society, and the Great Plains/Rocky Mountain Section of the AAG.

PROGRAM

Although the Vice-President has formal responsibility for planning the program, the host, with a better knowledge of local resources, generally offers most of the suggestions. The strengths of the host institution may suggest a general focus or the Executive Committee may designate a topic.

EXECUTIVE COMMITTEE MEETING

This meeting is attended by the President, Vice-President, Secretary, Treasurer, Past-President, and others, such as the host, committee chairs, invited by the President. The host suggests a convenient spot for the meeting to the President. The President sets a time which allows for members to get to the site, discuss business, eat lunch, and for the secretary to compose the minutes, before the afternoon General Meeting. The President notifies the Committee of the time, place, and agenda several
weeks before the conference.

REGISTRATION

Even with advance mail registration, at least thirty minutes should be allowed before the first meeting and fifteen minutes before the start of the next day's program for in-person registration. The registration table is staffed by the Membership and Hospitality Committee. The Host should coordinate registration with the Committee, and the Treasurer (who can provide an up-to-date list of registrant's names and fees paid if pre-registration is sent to the Treasurer; the host may opt for pre-registration to be sent to the host).

BUSINESS MEETING

The business meeting of forty-five minutes to one-hour should be scheduled as the first item on the first or second day. It includes the Treasurer's report and the Secretary's minutes of the Executive Committee meeting. The President checks beforehand with standing and ad hoc committee chairs and representatives of other organizations to see if they have anything to report. Such reports might be from the Cataloging Committee, Publications Committee, or representatives from ACML, CUAC, GIS, SLA, MAGERT. During the spring meeting the President calls for volunteers for standing committees and for candidates for association offices. The Nominating Committee selects candidates during the course of the meeting.

SOUNDING BOARD

Sounding Board is a way to informally but efficiently pass information about mutual problems and solutions. Schedule forty-five minutes to an hour for it.

PROGRAM

The program is set up by the host and the Vice-President. Usually the host will suggest and invite local guests and the Vice-President, who has final responsibility, will solicit papers from members and arrange for outside speakers.

The Executive Committee can, in unusual circumstances such as one person giving an entire workshop, pay expenses or an honorarium.

One hour time slots for papers will accommodate the speech habits of academics, our usual speakers, and allow for questions. Even if a speaker says less time will be used it is well to stick to the hour headway to allow for unavoidable delays.

When approaching speakers the host should give them an idea of the background of the audience so they can give talks neither too general or too technical for members. This should be
reiterated in a letter which confirms the exact date, time, and place, and asks if the speaker will need any special equipment (slide projector, movie projector, video player & viewer, etc.). The host should ask invited speakers to provide a prepared text for publication in the Information Bulletin. Commitments for text in advance of presentation are more effective than the subsequent solicitation by the Editor.

The host/Vice-President gives the President a brief synopsis on each talk and speaker so that the President can give introductions. The President tries to greet each speaker upon arrival to arrange for time-signals and other needs.

COFFEE BREAKS AND LUNCH

A coffee break of thirty minutes splits each half-day session. The host judges the most expedient time to schedule lunch, given local conditions, and allots a reasonable amount of time for strangers to find a place to eat. Lunches may be scheduled for a specific convenient site, such as a faculty club, but they are not generally highly organized as members may wish to use part of the lunch "hour" for other business.

BANQUET

A dinner for participants should be scheduled for the middle of the conference, usually a Thursday night. A dinner speaker may be scheduled, and there may be announcements, awards presented, etc., and the host should select a setting that provides for the appropriate reduction of noise and other interference during that portion of the banquet. The host picks a convenient location for dinner. The ideal situation is probably a private room in which drinks can be served before dinner and where the meal will not be interrupted by entertainment. To ease bookkeeping, the host will probably want to arrange a set or limited menu. During the day the host can obtain a final headcount and arrange transportation.

FIELD TRIPS

The host should decide whether a formal visit to the host's map collection is necessary. An open house, perhaps during the Executive Committee meeting or late in the afternoon of the first day, may be most effective.

More elaborate field trips are optional. They are usually scheduled for Saturdays; and an additional fee may be charged.

PUBLICITY

The conference dates, at a minimum, should be announced at the preceding meeting and in the Information Bulletin. The Vice-President will notify other appropriate publications.

The Treasurer will provide gummed labels and envelopes
with three weeks notice (this will allow for production of the labels and mailing to host.). The host should plan the content of the mailing and determine the type of envelopes required so that the Treasurer can provide the appropriate size. At least six weeks before the conference the host should mail registration materials to members and to others who may be interested in attending. The gummed labels produced by the Treasurer will include Principal Members, Institutional Members (within the principal region), and Associate Members (within the U.S. and Canada). [At current postal rates for first class mail in the U.S. and Canada (.20-cents per ounce) the cost of mailing for the current number of members (215) will be $43.00, $86.00, $129.00, depending on what is sent in the packet. While the Registration Fee covers this expense, the host should bear in mind that only essential material should be included in the mailing so that the weight will be held to an economical rate.

The host's institution is expected to pay the mailing cost for the meeting announcement; however, if this presents a problem please consult with the Treasurer in advance of the mailing.

The mailing should include:
-A program, which at the mailing date should be final.
-A registration blank. A Registration Fee of $5.00 should be stipulated, with a request for advance payment, but option for payment at door. Checks should be made payable to "WAML". The host may have the registrations sent to the host's address, or to the Treasurer. The host may forward the checks to the Treasurer in batches, or hold all until conference time. The host uses the pre-registrations to obtain a headcount for planning and may ask for other headcount information such as probable dinner attendance. Pre-registration should include payment for the Banquet with the proviso that additional registrations may be made on the first day of the meeting (depending on local conditions; e.g., some caterers require fixed numbers a certain number of hours in advance. If the host gambles on a greater number than pre-registered, WAML could get stuck for the extra (e.g. $96.00 at San Jose) [I suspect we might have sold those dinners during Thursday's business meeting if members knew they were available.]
-Housing information. The host may secure a block of rooms in a convenient hotel or dormitory, or may provide a list of accommodations*. Having members in a limited number of locations will ease transport to meetings and dinner. People seeking roommates should be able to show this on the registration blank. The host maintains a list of potential roommates; members call the host for this information and then contact potential roommates directly.
-Local transportation. An explanation of the cost and time of public transport from the airport* and a campus map showing access and parking areas* should be sent. A general street map* is useful.
[ * These materials may be available from the local tourist and
convention bureau or the host's public relations and conference
office. ]

PHYSICAL PLANNING

The meeting room should hold about fifty people and be
equipped for audio-visual presentations. If possible, the room
should contain a portable bulletin board or other display device
for speakers' maps. At least one table is necessary for
registration (which may be placed outside the meeting room to
provide closer control over that function) and others are useful
for speakers' handouts and for duplicate map exchanges. The host,
or someone designated by the host, is responsible for opening and
closing the room; it is helpful if it can be locked over lunch
time and at night to protect duplicate maps and personal
belongings. If smoking is allowed, ashtrays should be put in only
one section of the room.

Supplies needed: name tags, receipt book for cash payments,
felt tip pens, pads or clipboards for attendance and dinner
sign-up, masking tape, push-pins, water pitcher and glasses. (The
Membership & Hospitality Committee may have some supplies left
from previous meetings.)

The host provides refreshments, coffee and a cold drink at a
minimum, in or near the meeting room during breaks.

FINANCES

It is WAML policy that each meeting will be self-sustaining
financially. The usual Registration Fee of $5.00 per person (for
either one day and/or both days) will provide a sum that may be
spent by the host to cover expenses (the cost of dinner extra).
The host submits receipts or invoices for expenses to the
Treasurer for reimbursement or payment. Any exceptionally heavy
expenses should be cleared with the President and Treasurer before
encumbrance.

Typical meeting expense items are:
Mailing of Meeting Announcement & Registration Materials
Registration Materials
Printing & Duplication of Registration or Meeting Materials
Coffee, Donuts, Refreshments
Meeting Rooms (these fees are becoming commonplace, even on
campus of host - to be avoided if possible)
Audio-Visual Equipment Rental

Banquet expenses may include:
Meeting Speakers (outside of WAML membership) & Special
Guests for Banquet (guest speaker, awardees, etc.)
Gratuity for servers.
[Banquet fee charged to WAML banquet registrants should be large
enough to cover these expenses.]
POST-CONFERENCE ACTIVITIES

The President writes thank-you letters to the speakers and others who contributed. The Secretary gives the minutes and the attendance list to the Editor for publication in the Information Bulletin.

This Manual will be sent to each new member of the Executive Committee and to each host by the President. The President will submit necessary revisions to the Executive Committee.
Letter to The WAML Membership

Voting Members of WAML:

I have been working in an advisory capacity with Bruce Robertson and Linda Cottrell to revise the Constitution of this organization. It was interesting to compare it with other similar constitutions and to discuss various possible changes.

At this time I would like to introduce a proposal for a change which I hope you will consider and ultimately approve - the inclusion of El Paso County [Texas] as a Principal Region. As the map librarian for the University of Texas at El Paso I feel duty bound to pursue this objective, which I feel would benefit not only UTEP but also WAML.

There can be no doubt as to the western legitimacy of El Paso; the cities of Denver, Colorado, Santa Fe, New Mexico, and Cheyenne, Wyoming are all further east. Topographically, the whole Trans-Pecos region can be viewed as a transitional part of the Rocky Mountain system. The unique contribution of the area to the historical thrust westward is well documented.

Why, then, was the area not included in the original formation of the Western Association of Map Libraries? It has been suggested by some members that to include part of Texas would necessitate including all, or necessitate including parts of other regions. "If you let one in..." I maintain that one of the strengths of WAML is its independence from a parent organization, and that a precedent need only be set if that is the desire of the membership.

The inclusion of El Paso County would go far toward giving our geographically isolated but growing map collection a meaningful voice in the map world. We have much to learn and far to go toward realizing the potential of our assets. As an Associate Member our library has consistently supported the high purpose of WAML; as a full member our contribution could be more effective.

Sincerely,

/s/ Susan W. Brown
Dear Editor:

Thank you for the article on our IN STOCK AERIAL PHOTO UPDATE PROGRAM that was printed in the June edition of the Information Bulletin (page 325).

If possible I would like to request an amendment, as some of the information was incorrect. The coverage we have is only in Oregon and Washington. The Oregon flights are 1982 and 1985. The Western Oregon coverage will be updated in 1986. The California coverage is 1984 and 1985. The 1985 coverage is now being completed for both Oregon and California. Four to five year updates are planned on the areas flown (not annual). We presently do not have coverage in Washington. There are no plans at this time to have this coverage. Please see [our] brochure for additional information. Our Toll free number may help if anyone has further questions 1 800 845-8088.

Thank you ... for your assistance. Yours Truly,

/s/ Jody Bristow, Program Director
W.A.C. Corp. 520 Conger St.
Eugene, OR 97402

---------------------------------------------------

Editor, WAML Information Bulletin


May I request that you note the article by Lou Sebert in your next issue, so that your readers know there is another side to the story.

Betty Kidd
Director
National Map Collection
Public Archives of Canada
Ottawa K1A 0N3

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SOUNDING BOARD

Does anyone have information on Geodata International's "Geolog Map Line" microfiche? [Mary Larsgaard, Colorado School of Mines]

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In Sounding Board (IB 16(3):357-58, June 1985), concerning enhancement of map subject access: The Library of Congress quit applying reversible subject headings because their computerized database made them obsolete.

Access is now independent of word order, at least at LC and in libraries which have made the transition to on-line catalog systems. [Mary Larsgaard]

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Is there a cartobibliography somewhere listing all maps produced by the Society for the Diffusion of Useful Knowledge? [Editor]

--------

Does anyone know of a publisher currently offering anything like the Histo map of world history, one of the time-line panels which show the growth and decline of civilizations? [Kay Walstead, Box 952, Willow Creek, CA 95573]

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TO CUAC:

In its capacity to recommend things to USGS & GPO, could CUAC consider and suggest on its merits that USGS microfilm or (better) microfiche the orthophotoquads for depository distribution?

This would make them generally available, make the sets complete, and make me very happy. [The Editor]

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TOOLS

Lane specimen cases might be just the ticket if you need storage boxes for USGS 7.5-minute quadrangles. For further information, contact Lane Science Equipment Corp., New York. [Marie Dvorzak, Univ. of Minnesota Geology Library]
WESTERN ASSOCIATION OF MAP LIBRARIES
Fall Meeting 1985
University of California, Davis
September 19-20, 1985
Host: David A. Lundquist

AGENDA

September 19, 1985

8:30 - 12:00  Executive Board Meeting
1:00 - 1:30  Registration
1:30 - 1:45  Welcoming Remarks
1:45 - 2:45  Sounding Board

3:15 - 4:15  "Organizing Aerial Photographs"
Peter Stark, University of Oregon

4:15 - 5:00  "Appreciation of and Access to Geological Maps of California"
Ed Jestes, University of California, Davis

September 20, 1985

9:00 - 10:00  WAML Business Meeting

10:30 - 11:30  "The Russian Ethnic Landscape in Suburban Sacramento"
Susan Hardwicke, Cosumnes River Com. College

11:30 - 12:30  "Map and Local Material Resources for the Study of Evaluating Small Towns in the Mother Lode"
Dennis Dingemans, Geography Dept., UC Davis

2:00 - 3:00  "Innovative Maps and the New Old History"
Dan Calhoun, UC Davis

3:30 - 4:00  "Colorado Computer Map Electronic Atlas"
Donna Koepp, Denver Public Library

4:00 - 5:00  "Maps in the Library Integrated Online System: The Utah Experience":

PART I:  "Online Circulation of Maps"
Barbara Cox, University of Utah;

PART II:  "Retrospective Conversion"
Bruce Robertson, University of Utah
WESTERN ASSOCIATION OF MAP LIBRARIES

Fall Meeting 1985

University of California, Davis

September 19-20, 1985

ATTENDANCE

Susan Brown, University of Texas, El Paso
Dan Calhoun, University of California, Davis
Linda Cottrell, University of Arizona, Tucson
Barbara Cox, University of Utah, Salt Lake City
Brenda Crotts, Butte County Public Library, Oroville
Joe Crotts, California State University, Chico
Larry Cruse, University of California-San Diego, La Jolla
Chris Dechoertz, University of California, Davis
Charlotte Derksen, Stanford University
John Fetros, San Francisco Public Library, San Francisco, Calif.
Donald Fo, U.S. Geological Survey, Menlo Park
Herbert Fox, California State University, Fresno
Julia Gelfand, University of California, Irvine
Jean-Claude Gilland, Graphion/Vortex Assoc., San Francisco
Jerry Greenberg, U.S. Geological Survey, Menlo Park
Susan Hardwick, University of California, Davis
William F. Heintz, Sonoma, California
Nancy Herman, Washington Div. Geology, Olympia, Washington
Steven Z. Hiller, University of Washington, Seattle
Philip Hoehn, University of California, Berkeley
William Hunt, Pacific Travellers Supply, Santa Barbara, Calif.
George Ilinsky, Arizona State University, Tempe
LaVonne Jacobson, San Francisco State University
Ed Jestes, University of California, Davis
Donna Koepp, Denver Public Library, Denver, Colorado
Sandra Lamprecht, University of California, Davis
Paul Leverenz, Scripps Institution of Oceanography, La Jolla
David Lundquist, University of California-Davis, Davis
Aaron Maizlish, University of California, Berkeley
Dorothy R. Mewshaw, Los Angeles Public Library, Los Angeles
Riley Moffat, Brigham Young University, Provo, Utah
Steven Mullin, Mexican Maps, Oakland, California
Linda Newman, University of Nevada, Reno
Richard H. Nicoles, California State Library, Sacramento
Michael Noga, Stanford University, Stanford, California
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Bruce Robertson, University of Utah, Salt Lake City
Ann Robinson, California State Lands Commission, Sacramento
Robert Satherum, Humboldt State University, Arcata, California
Vlad Shkurkin, Precise Maps/Old Western Towns, San Pablo, CA
Peter Stark, University of Oregon, Eugene
Dale Steele, University of Arizona, Tucson
Stanley Stevens, University of California-Santa Cruz, Santa Cruz
Jean Stratford, Davis, California
Muriel Strickland, San Diego State University, San Diego, Calif.
Karyl Tonge, Stanford University, Stanford, California
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Lily Wai, University of Idaho, Moscow
Ronald Whistance-Smith, University of Alberta, Edmonton
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