Western Association of Map Libraries

"... to encourage high standards in every phase of organization and administration of map libraries..."
The **Western Association of Map Libraries** is an independent association of persons, educational and business institutions. The Membership has defined, beginning in 1967, its Principal Region as follows: the Provinces of Alberta and British Columbia, and the States of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Membership in WAML is open to any individual, institution, or business interested in furthering the purpose of the Association, which is "to encourage high standards in every phase of the organization and administration of map libraries." Send membership checks to the WAML Treasurer at the address shown below. Make checks payable to "WAML", or the "Western Association of Map Libraries." All memberships begin July 1.

WAML and its **Information Bulletin** operate on a Membership Year/Volume Year basis. Subscriptions begin July 1 and end on June 30 the following year. Mid-year joiners/subscribers will receive back-issues for that year. Back issues of the **Information Bulletin** are available for US$10.00/volume, or portion thereof, from the Business Manager.

**Membership Categories**

**Individual Members** reside in the Principal Region. Benefits of Individual Membership include voting privileges, receipt of meeting announcements, attendance at meetings, service as an Officer, and automatic receipt of the **Information Bulletin**. Dues are US$20.00 per year.

**Associate Members** reside outside the Principal Region. Associate Members may attend meetings, serve on committees, and automatically receive the **Information Bulletin** and meeting announcements. Dues are US$20.00 per year.

**Institutional Members** are commercial firms or educational organizations. The institution or firm may designate one of its staff as its Representative. The Representative has the same rights as Individual Members, except that they may not hold office. The Institutional Member will receive one copy of each issue of the **Information Bulletin** and **Occasional Paper** issued during the year of membership. Dues are US$40.00 per year.

**Lifetime Individual Membership** is open to individuals only, for a one-time payment of US$500. All privileges of membership, each issue of the **Information Bulletin** and a copy of each **Occasional Paper** will be sent, as published, after Lifetime Membership begins.

Subscriptions to the **Information Bulletin** are $25.00 per volume year. It is issued three times each year: #1 in November, #2 in March, #3 in July. Subscriptions to addresses outside of the United States are US$3.00 more, for postage.

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Table of Contents

Features
The Sunlit Earth: A Survey of Products showing the Sunlit Portion of the Earth,
by Mary Yarrington ........................................... 55

Atlas and Book Reviews, edited by Greg Armento
The Admiralty Chart: British Naval Hydrography in the Nineteenth Century,
reviewed by Mary L. Larsgaard .................................. 58
Exploration and Mapping of the National Parks, reviewed by Frances M Woodward .................................. 57
Maps are Territories, Science is an Atlas: A Portfolio of Exhibits, reviewed by J.K. Herro .................................. 60
Publications Received, compiled by Greg Armento .................. 60

WAML Business
Minutes of the Spring 1995 Meetings, Vancouver, British Columbia, by J.K. Herro, WAML Secretary
Business Meeting ............................................ 47
Executive Board Meeting ....................................... 46
Attendance List ................................................. 48
Fall 1995 Meeting Announcement ................................ 45
Incoming President's Message .................................... 42
Treasurer's Report .............................................. 53
Business Manager's Report ...................................... 53
Membership List ................................................ 64

News & Departments
cARTE ......................................................... 44
Cataloging News ............................................... 61
Conferences .................................................... 44
Digital News .................................................... 76
Editorial Staff .................................................. 43
Employment ..................................................... 82
From the News & Notes Editor .................................. 42
Milestones ....................................................... 80
Miscellaneous Statistics ........................................ 54
News ............................................................. 76
New Mapping of Western North America ......................... 62
New Publications ............................................... 77
Periodicals ...................................................... 83
Preservation ..................................................... 79
Remote Sensing News .......................................... 73
States and Provinces News ...................................... 74
U.S. Government Agencies News ................................ 74
Incoming President’s Message

Greetings and I hope this issue of the Information Bulletin finds you enjoying a fine summer wherever you are. I would like to thank you for the privilege of serving as WAML president for the coming year. I have great respect for each of you and the commitment you show toward your work, each other and our profession. For members who haven’t attended a WAML meeting in a while, I’d like to encourage you to join us in Las Vegas so I can put your face with your name. You know who you are! There’s lots of work to be done and fun to be had within this organization, so please come to Las Vegas this fall.

Also, if you have any ideas, comments or suggestions about WAML that you would like to share with me, please do (206-543-9392 or kwomble@u.washington.edu).

I’ve been spending a lot of time in the garden this spring. We had record breaking sunshine in Seattle in May and my flowers are thriving early. One thing I’ve noticed about flowers is that they really know what they want. Given good conditions — the right soil, moisture, temperature — they perform beyond my wildest expectations.

It’s a lesson that I believe applies to us as well. In our work, for example, given support (which comes in a myriad of forms) and clear objectives, it amazes me what we can accomplish. I don’t know about you, but as a map librarian these days, I’m not so sure my conditions are optimal! In particular, Congress is busy coming up with all sorts of ideas to make my job more difficult. I’m talking specifically about what’s going on with appropriations for the U.S. Government Printing Office, as well as assaults on the U.S. Geological Survey.

As of this writing, I don’t know what’s going to happen to the budgets and existence of these two agencies that are so important in supporting our work. So, let me make a general plea here for political activism.

As time and money get tighter, it seems very important for us all to look deep within and decide what issues we believe in and think are priorities on which to spend our own time and money. I want to encourage you all to become correspondents with your legislators. Call or write to them and let them know what you think is important. My experience has been that they want to hear my story and the more they hear the same story, or at least consistent themes, the more weight the story carries.

Tell them how your map collection supports your community in the areas of education, safety and resource planning, and regional business. Tell them about your constant use of depository materials. Be excited about new technologies and tell them you have embraced digital spatial data and are working hard to provide access to your users, but remind them that changes do not happen overnight and that we work daily with users who don’t yet have the skills or equipment to effectively utilize these new data forms. Tell them that a healthy democracy is based on an educated and informed citizenry and access to government information is crucial in supporting that goal. Anyway, you get the picture. Be creative, but be sincere.

Even if decisions have already been made about GPO and USGS, tell them your story — what you stand for — and why you think they were good or bad decisions.

Perhaps government information policy isn’t the hottest issue for you. That’s fine, but decide what is and let the decision makers know what you want. If you don’t know who your legislators are or how to get in touch with them, let me know. We’ll figure it out together.

See you in Las Vegas!

Kathryn

From the News and Notes Editor

This is my swan song as News and Notes Editor for the WAML IB. Connie Manson will be taking up the pen, or rather the keyboard, for WAML. Thanks, Connie!

Mary
The Information Bulletin is published by the Western Association of Map Libraries as its primary tool of communicating with its Membership and Subscribers; however, opinions expressed herein do not necessarily reflect an official Association position. If you have contributions for the Bulletin, the Editor will appreciate receiving your material in electronic form. You may send it via E-mail on BITNET or INTERNET to the Executive Editor. You may also send material on magnetic disk, either 3.5 or 5.2 inch, MSDOS format preferred (Word or WordPerfect).

Copy Deadlines are: Issue #1: September 1st; Issue #2: January 1st; Issue #3: May 1st.

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Conferences

- September 3-9, 1995 International Cartographic Association, Barcelona, Spain.
- November 13-17, 1995. GIS/LIS '95 and ACSM/ASPRS Fall Convention, Nashville, TN.
- Spring 1996 Western Association of Map Libraries, Arcata, CA.
- April 20-26, 1996 ACSM/ASPRS Annual Convention, Baltimore, MD.
- Fall 1996 Western Association of Map Libraries, Seattle, WA.
- Spring 1997 Western Association of Map Libraries, Phoenix, AZ
- Fall 1997 Western Association of Map Libraries, Pasadena, CA. THIRTIETH ANNIVERSARY!!!

cARTe

* Re the movie “The Englishman who went up a Hill and came down a Mountain”, with Hugh Grant - Margaret Brill reports in an email message of May 22 that, “It is a lot of fun, and is about the 1917 reaction of a Welsh village to the pronunciation by two Ordnance Surveyors that the mountain in their backyard was less than 1000’ and so could not be called a mountain. Don’t miss the credits, which use historic maps as a background. The acting is excellent, and I thoroughly recommend it.”

* From Linda Zellmer, who read this in a newspaper and stopped laughing long enough to clip out and send to your editor: an article, “Battle of high-tech bras expanding on several fronts” includes as an illustration a color
Preliminary Program
WAML Fall 1995 Meeting
October 15-18, 1995
Las Vegas, Nevada

Sunday, Oct. 15th
5:30 p.m.- Picnic to be held in a park

Monday, Oct. 16th
9:00 a.m.-12 Executive Board
12-1:30 p.m. Lunch on your own
1:30-2:30 p.m. Registration
2:30-3:00 p.m. Welcomes and vendor introductions
3:00-3:45 p.m. GIS in research at the Desert Research Institute, Jerry Carter of the Desert Research Institute
3:45-4:15 p.m. Break
4:15-5:00 p.m. Las Vegas history on maps, Susan Jarvis, Special Collection Division of the Library of University of Nevada, Las Vegas 6:30-9:00 p.m. Banquet and no-host bar at Alpine Village Inn

Tuesday, October 17th
9:00-9:45 a.m. Geologic mapping and the proposed nuclear waste dump at Yucca Mountain, Stephen T. Nelson, PhD, Yucca Mountain Project
9:45-10:15 a.m. Break
10:15-11:00 a.m. Mapping and the allocation of Colorado River water, Larry Brown, Las Vegas Water District.
11:00-11:45 a.m. Mapping of mining claims, Kenneth Reim, consultant, formerly with BLM.
11:45-1:15 p.m. Lunch on your own
1:15-3:15 p.m. Business meeting and sounding board
3:15-3:45 p.m. Break
3:45-4:30 p.m. GIS and comprehensive planning, Dave Edwards, GIS Division of Clark County Comprehensive Planning Dept.
4:30-5:15 p.m. History of Hoover Dam, Bob Walsh, Public Affairs Dept., Bureau of Reclamation
5:30-6:30 p.m. Reception sponsored by Map Link in the reading room of the Special Collections Division of the Library of University of Nevada, Las Vegas

Wednesday, October 18th
8:00 a.m.- Approx. 3:00 p.m. Field trip which includes tour of Hoover Dam, visit to Hoover Dam Visitor Center, trip on paddlewheel boat on Lake Mead, and free time in Boulder City.

Kathy Rankin invites all to "Come see the bright lights of Las Vegas!" Sessions will take place at the Desert Research Institute, at Swenson and Flamingo Roads, except where noted in the schedule. Attendees will make their own hotel reservations from information supplied in the registration packet to be mailed out around August 15th. The Sunday-Thursday schedule will allow attendees to take advantage of tour packages available from western US and Canadian cities.

In October, Las Vegas' average high temperature is 80°, the low, 51°. Days are balmy, evenings are cool, and there are not as many tourists in town.

Registration forms will be sent to all WAML personal, institutional, and associate members. If you would like additional information, please contact Katherine Rankin at voice (702) 895-3062 or fax (702) 895-1207 or e-mail krankin@nevada.edu or mail 3189 Brazos St., Las Vegas, NV 89109.
Minutes
Spring Meeting
Western Association of Map Libraries
May 9-13, 1995
Vancouver, British Columbia
recorded by
J.K. Herro
Secretary

Executive Board Meeting
Attendance
Kathy Rankin, President
Kathryn Womble, Vice President
Janet Collins, Meeting Convenor
JK Herro, Secretary
Stan Stevens

Life Membership
Award of an Honorary Lifetime Membership to Ron Whistance-Smith was proposed and the presentation at the ACMLA/WAML dinner Friday night was discussed. Kathryn would pursue a hand printed certificate made by Harold Otness; Kathy will then write the official letter for Harold to print. Stan Stevens prepared a temporary certificate for the banquet presentation.

Future Meetings.
A gap opened in our meetings schedule due to the loss of Sacramento as the Spring 1996 meeting site (convenor Sylvia Bender changed jobs). The gap has been filled by Bob Sathrum of Humboldt State University, who agreed to move the date of his Spring 1997 meeting forward one year. Thanks to Bob for his flexibility and willingness to solve the problem.

The new venue for the Spring 1997 meeting is Phoenix, Arizona, where Julie Hoff is the State Library Map Librarian. Jim O’Donnell will host the 30th anniversary WAML meeting at Caltech in the Fall of 1997.

Treasurer’s Report (Dorothy McGarry, read by Kathryn Womble)
Business Manager’s Report (Richard Soares, read by Kathy Rankin)

Committee News
-Kitty Moirat has agreed to serve on the Publications Advisory Committee and to be the chair of that committee.
-Jim O’Donnell has agreed to extend his membership on the Geoscience Publications Advisory Subcommittee and to be the chair of that committee.

Future of the Information Bulletin
There was much discussion of the continuing transformation of the Information Bulletin.

-Some editorships are open now; others will be opening soon as editors rotate off at the end of their terms.
Moreover the newly appointed editors’ responsibilities have not yet been clearly defined, as the practical details of the IB’s format are in flux.

-The Executive Board felt some pressure to make some strong recommendations on the immediate future of the IB. Incoming editors will then have some foundation rules upon which to formulate the IB’s production as they go.

Following are issues considered at the Executive Board Meeting and the resulting recommendations:

Issues:

i) Information Bulletin content: scholarly works or practical material or both, as it has been: with, or without, News and Notes section. Printed versions of News & Notes and practical articles are valuable to many.

ii) The proposed refereed journal: perceived appropriateness of WAML’s carrying two printed publications. The second publication seems untenable with our current human resources.

iii) Value of News and Notes in terms of timeliness and efficiency. Delivery by e-mail, subscription discussion list (MAPS-L), gopher, or in paper form by post.


v) Costs, both financial and human, of both formats (paper and electronic). A paper form of separated News & Notes would greatly increase administrative time of those editors and WAML executives responsible for creation, distribution, billing and membership list maintenance.

vi) Capacities of the editors. How
much can the IB/N&N producers give to the membership without going over the edge.

Recommendations
These are the tentative conclusions reached by the Executive Board on Tuesday afternoon to propose to the membership at the Business Meeting:

i) All members should receive all formats of both the Information Bulletin and the News & Notes in all formats.

ii) Any publications that spin out of the Information Bulletin’s transformation should not create burdens of administrative costs.

iii) Only one printed publication should be produced by WAML combining scholarly, practical, and all other acceptable writing in our fields. Articles may be reviewed before publication when appropriate.

iv) Two issues per volume of the Information Bulletin should be produced per year. The electronic News & Notes should be published more frequently to be decided by its editor or compiler.

v) Subscribers to the Information Bulletin should receive the IB in paper. If an electronic subscription list is to be made, it should be for the WAML members.

vi) Electronic News & Notes should be distributed by MAPS-L for its ease of distribution, well-maintained directory, breadth of audience, goodwill and expediency.

vii) The frequency of the News & Notes should be decided by its editor. An annual compilation of News & Notes may be printed in the 2nd issue of each volume of the IB. Multiple sites for the retrieval of back copies of News & Notes have been offered by UCSB InfoSurf, UCSD, and will also remain in MAPS-L archives.

Business Meeting Minutes
President Kathy Rankin called meeting to order at 9:05. JK Herro read the minutes of the Executive Board Meeting of Tuesday, 9 May.

Kathryn Womble read the Treasurer’s Report for Treasurer Dorothy McGarry.

Kathy Rankin read the addendum of the Business Manager’s report; an inventory of WAML Publications available for sale has been made. Occasional paper 3 is nearly out of stock.

Stan Stevens reported for the Publications Advisory Committee. A proposed new publication is under consideration. Potentially an Occasional Paper, it is a descriptive gazetteer on the counties and communities of Utah, by Grant Turnblum of Brigham Young University. A new committee member, Riley Moffat, will assist in its review.

Geoscience Subcommittee report was made by Jim O’Donnell. The Index to Geoscience Mapping in California is now being handled by Phil Hoehn. There is possibility that it will be mounted somewhere on the internet.

Membership and Hospitality Committee report by Janet Collins; dropped members were approached by Janet who mailed them brief questionnaires. Of seven, only two replied, both having left the field of map librarianship.

Liaison Reports
GIS: Barbara Hance reported that the next meeting is in New Orleans, during the first week of November.

SLA G&M: Muriel Strickland reported that the upcoming Montreal conference (second week of June) will include much on Geographic Information Systems.

Kathryn Womble read the future meeting plans for the next 3 years. The following points were discussed in an open discussion on the WAML IB and other publications.

- There were still openings for Information Bulletin editors, including Digital Data Editor and Book Review Editor. Other editorships had been covered by people stepping forward. (Ken Rockwell, New Mapping of Western North America Editor; Connie Manson, News & Notes)

- News and Notes should continue to be published in every issue of the IB just as it has been, instead of being compiled into one annual repository issue.

- Much other discussion among the membership followed; Kathryn offered to summarise the plan for the next volume year of the IB, if the plan is formalized in time for the July issue.

Other Announcements; President Kathy Rankin announced that Ron Whistance-Smith of Alberta would receive a lifetime membership.

Fran Woodward explained the restructuring of the British Columbia Archives and Records Service of Cartographic Records.

JK Herro
Secretary

[The Nominations Committee, at work before and after the Business Meeting, found two candidates for the
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<tr>
<td>Map Society Of British Columbia</td>
<td>P.O. Box 37109</td>
<td></td>
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</tr>
<tr>
<td>2930 Lonsdale Ave.</td>
<td>North Vancouver, BC V7N 4M4</td>
<td></td>
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</tr>
<tr>
<td>Rep: Bruce Ward, Secretary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marco Polo Books</td>
<td>3450 West 20th Ave.</td>
<td>Tel: (604) 736-4108</td>
<td></td>
</tr>
<tr>
<td>Vancouver, BC V6S 1E4</td>
<td>Fax: (604) 736-4108</td>
<td>E-mail: <a href="mailto:brigham@slais.ubc.ca">brigham@slais.ubc.ca</a></td>
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<tr>
<td>Colenbrander, Hilde</td>
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<tr>
<td>University of British Columbia</td>
<td>1956 Main Mall</td>
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</tr>
<tr>
<td>Vancouver, BC V6T 1Z1</td>
<td>Tel: (604) 822-6742</td>
<td></td>
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</tr>
<tr>
<td>Fax: (604) 822-3893</td>
<td>E-mail: <a href="mailto:hilde@datalib.ubc.ca">hilde@datalib.ubc.ca</a></td>
<td></td>
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<tr>
<td>Hogue, Colette</td>
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<tr>
<td>Vancouver, BC V6P 3K7</td>
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<tr>
<td>Fax: (604) 822-3893</td>
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<tr>
<td>Redmond, C. Mary</td>
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<td></td>
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<tr>
<td>Surveys &amp; Resource Mapping Branch</td>
<td>Ministry of Environment, Lands &amp; Parks</td>
<td></td>
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<tr>
<td>4-1802 Douglas St.</td>
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<tr>
<td>Tel: (604) 387-9310</td>
<td>Fax: (604) 356-7831</td>
<td>E-mail: <a href="mailto:mredmond@bclands.crl.gov.bc.ca">mredmond@bclands.crl.gov.bc.ca</a></td>
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<tr>
<td>Tel: (604) 665-5051</td>
<td>Fax: (604) 665-2265</td>
<td>E-mail: <a href="mailto:mursacr@vpl.vancouver.bc.ca">mursacr@vpl.vancouver.bc.ca</a></td>
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<tr>
<td>Brice, Sarah</td>
<td>1058 Esquimalt Ave.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>West Vancouver, BC V7T 1J9</td>
<td>Tel: (604) 922-2995</td>
<td></td>
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</tr>
</tbody>
</table>

**LOCAL ATTENDEES**

- Brigham, Doug
- School of Lib, Arch. & Inform. Studies
- University of British Columbia
- 1956 Main Mall
- Vancouver, BC V6T 1Z1
- Tel: (604) 736-4108
- E-mail: brigham@slais.ubc.ca

- Bunce, Sarah
- 1058 Esquimalt Ave.
- West Vancouver, BC V7T 1J9
- Tel: (604) 922-2995
WAML Financial Statement  
1 July 1994 - 30 April 1995

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Dorothy McGarry, Treasurer  
30 April 1995

Business Manager’s Report  
July 1, 1994 to May 4, 1995

The highlights of the report are:
1. Subscriptions appear to continue to drop
2. We continue to have good sales of Occasional Papers 10  
(Riley Moffat's) & 14 (Mary Larsgaard's)
3. Fiche sales are slow, it is good for us to continue to advertise them in the IB.
4. A new section in this report. Claims, will help us evaluate our mail server and the added expense.

Information Bulletin Subscriptions

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Information Bulletin Subscriptions

(more expected)

Occasional Paper Sales

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Fiche Sales

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<td>Aust-Hung</td>
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<td>W. Germany Gaz</td>
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<td>RGS World Gaz</td>
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Claims
Total Claims allowed: 5
Issues Claimed no. claimed
vol. 24:2 1
vol. 25:1 2
vol. 25:2 2
vol. 25:3 3

Financial Sheet
Bank Account Balance 407.09
Total Bank Deposits 4,490.40
Total Income Received 4,490.40
Total Expenditures 194.44
Total Monies Due 1,019.00
Money Transferred to WAML Treasurer 6,500.00

Expenditures
Bank Service Fees $2.00
Postage & P.O. Box 187.36
Office Supplies 5.08
Expenditure Totals $194.44

Monies Due
OP’s $449.00
Fiche $45.00
Postage 25.00
Total Monies Due $1019.00

Richard Soares
Business Manager

Miscellaneous Statistics
Subscribers to Maps-L: 782

FY96 Clinton Budget for Libraries
U.S. Federal Budget Comparison FY 1995 to FY 1996
(amounts in thousands)
Program FY 1995 FY 1996
Approp. Admin. Req
LSCA
I. public library services 83,227 89,135
II. public library construction 17,792 17,792
III. interlibrary cooperation 23,700 0
IV. Indian library services 2% of LSCA I, II, and III
VI. library literacy programs 8,026 0
Higher Education Act $11,416 0
II-A. college library technology 0 0
II-D. library education 4,916 0
II-B. research and demonstrations 6,500 0
II-C. research libraries 0 0

from: ALAWON, Vol. 4, No. 36
ALAWON (ISSN 1069-7799) is an irregular publication of
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Maryland Avenue, N.E., Washington, DC 20002-5675.
Internet: alawash@alawash.org; Phone: 202-547-4440—70
Fax: 202-547-7363. Editor: Lynne E. Bradley
(leb@alawash.org).
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credits.
The Sunlit Earth: A Survey of Products Showing the Sunlit Portion of the Earth

by

Mary Yarrington

University of Wisconsin-Eau Claire

[Ed.: Mary Yarrington ran this on MAPS-L last May. We thought we'd reprint it for those not on MAPS-L.]

The following is a list of products showing when and where daylight covers the Earth's surface and the time. This list is a compilation of responses to an inquiry posted over MAPS-L this past April. Thank you again for all of the helpful responses. Good Luck. Enjoy.

1) A shareware program for IBM compatibles called Geoclock. Probably available on the commercial BBS systems such as AOL, Compuserve etc.

A computer program named Geoclock. It used to be shareware, and still may be in an abbreviated form, but is inexpensive to buy. It shows the Sun moving across the surface of the Earth and you can specify time of year, etc.

Currently reviewing "GeoClock" and "GeoGlobe," an integrated, modular set of Windows programs by Precision Map Graphics. Start-up is $50; fully tricked out is $100. An unbelievable bargain. E-mail jahlgren@cap.gwu.edu for on-line ordering instructions, or write GeoClock, 2218 N Tuckahoe St., Arlington, VA 22205. Full description is in the current "GeoClock News" available from publisher. A great (i.e. fun/easy/makes you look smart) package—you'll be amazed.

Version 6.0 is $35 for Geoclock plus $15 for GeoGlobe. Supplemental map sets are $40 for all four (essential for map libraries). I haven't seen the earlier versions but would bet the resolution has improved considerably from earlier versions and software exploits faster CPUs; it's very quick—I was getting strobe effects when playing with the sidereal clock!

2) A company called Geochron makes quite an amazing product. It is a world map that shows the exact coverage of daylight, every day throughout every year. It is done with a light behind the map and somehow it shades the areas of the earth in darkness. It also serves as a calendar and clock for the entire earth. It is pretty expensive but if you ever see one you'll know why. Beautiful wood frame, etc. It really is amazing. If you need more information contact Jim Howitt at Latitudes Map & Travel Store in Mpls. (612) 927-9061.

Geochron lighted maps (World Time Indicators) sell in the thousands of dollars. The clockwork machinery inside generates a sine-wave shade behind a lit mercator map. The shade changes shape over the course of the year to reflect the angle of the sun.

Their contact in the 1994-5 IMTA directory is:

Geochron Enterprises, Inc
899 Arguello St
Redwood City, CA 94063
415-361-1771 * Fax 415-361-1780
Check with a firm called Geochron Enterprises Inc. (800) 342 1661 or 415 361 1771 for their world clock (technically a map, shows day/night areas).

3) Small Blue Planet — the Real Picture Atlas, a CD atlas from Now What Software has a feature called Chronosphere which highlights the patterns of day and night on a moving map and spinning globe and tells time and day from where you are to where you want to go. Costs $59.95. For more info contact Now What Software, 2303 Sacramento, San Francisco, CA 94115 or (800) 322-1954.

— Gwen Curtis, Map Collection, Univ. of Kentucky Libraries, Lexington, KY (gscurtis@ukcc.uky.edu)

4) I have seen a number of applications for PC's that show a graphical (Mercator) representation of the entire Earth with dynamic night/day shadowing and time zones. These can be found on almost any Bulletin Board you can log into. Many of the names
escape me, but they are fairly obvious.

5) The other item you may look for...
For many Unix platforms there is available a very vivid background bitmap called ‘earth’, which depicts the earth as seen from a geo-synchronous point in space, has time shadowing and rotates according to the date / time set to your system. The reference point is around 30-40 degrees longitude. No country outlines though.

6) A globe made by Columbus Verlag Paul Oestergaard in Berlin/ Frankfurt (Germany) in 1981 which contains a light-mechanism which shows day/night and shadow zones. The mechanism is a rotating calendar, so you can follow the change in seasons. The mechanism also contains a small magnifying-glass which shows the position of the sun with respect to the plane of the equator. For the moment - 24 April - I can see that the sun rises some 12-13 degrees North of the Equator, crawling slowly to the Tropic of Cancer, and the North Pole is getting ready for Midsummer night as light is already 24 hours present above 85 degrees North.

We also have a poster showing the seasons with regard to the sun, but I find the globe more self-explanatory as the change can be followed day by day.

Maybe there is an American globe-company which has the same kind of globes

7) “World Watch Timepiece for Windows” at @$30.00. Originally a large stand alone piece for $2000.00. This easy-to-read graphic tells you instantly which parts of the world are in sunlight and which are in the dark. Also works as a screen saver. We just found out about it and have ordered one for our public terminal, as this is a frequently asked question. Also does time zones.

8) Rand McNally. One seen on sale in the Philadelphia Rand McNally. Some of the fancier mail order catalogs may have them.

9) Try Hammacher Schlemmer or/ and The Sharper Image for such mechanical maps. One of them had them in their catalogue.

10) Earth, moon, sun version produced in this century with a miniature earth globe by Phillips of London & Liverpool. It was a complex clock-like mechanism that showed in an analogue way exactly the area of the earth lit at different times and seasons. The brass rim gave the months of the year.

11) Have you sampled?: National Atlas Information Service. Web URL:
http://www-nais.ccm.emr.ca/
National Atlas maps; Geographic Names
‘Make a map’; Quizzes, etc., etc.


\textit{c ARTe (cont'd from page 44)}
photo of a global bra, Samuele Mazza's 'Brahaus'; they are two hemispheres (northern and southern, which seem to be somewhat uncomfortably connected with red and blue cable (optical fiber?).

\begin{itemize}
\item Mary Edna Fraser uses aerial photos and satellite images, amongst other items to create her silk batiks. (\textit{Smithsonian}, November 1994, p. 142)
\item Ed Dahl and Dale Steele between them sent your editor a stack of very funny carto-humour:
\end{itemize}
a. from page B12, \textit{Phoenix Gazette}, 7/16/94, the strip “Frank and Ernest,” shows the Earth saying to Saturn, “Oh, most of them are okay - what I can’t stand are those nosy little geologists.”

b. from p. B6, \textit{Phoenix Gazette}, 4/9/95, more “Frank and Ernest” - depicts 2 angels, standing in front of a sign “Heavenly Miracles Research Dept.,” one saying to another, as they both look at frustrated soul surrounded by mounds of creased paper, “He’s still working on how to fold a road map quickly and easily.” More in the same vein from Ziggy - 2 aliens saying to Ziggy and dog, “We won’t be staying long - we just landed to re-fold our road map” (which looks to be about 5 feet by 8 feet)

c. From \textit{Phoenix Gazette}, CL42, 5/28/94, devil saying thanks to angel, who when devil asks way home, points down.

d. From the \textit{Express}, 7/27/94, St. John’s - by Claudine Neil, “Marine Atlantic placemat’s geography challenged; a Port aux Basques businessman, George Hardy, is upset with the way Newfoundland is depicted on placemats used by Marine Atlantic’s Gulf ferry service.

e. A giant wooden relief map of British Columbia housed at the Pacific National Exhibition was 40 years old in 1994. The entire map is composed of about 1M pieces and is considered the largest map in the world; it was built by George Challenger over a 7-year time period.
Atlas and Book Reviews

edited by

Greg Armento
California State University
Long Beach


[Order from: Kathryn Womble, MAGERT Distribution Manager, c/o Map Collection, University of Washington Libraries, Box 352900, Seattle, WA 98195-2900.]

“The value of maps to the National Park Service is almost beyond estimation,” says Jeff L. Rogers, Associate Director for Cultural Resources and Keeper of the National Register of Historic Places for the U.S. National Park Service, in his foreword to this work.

In 1987 the Map and Geography Round Table of the American Library Association asked David A. Cobb to solicit papers focusing on the historical cartography of a representative cross-section of U.S. national parks. The research was to be presented at the 1988 and 1989 annual meetings.

General guidelines were prepared to provide consistency. Authors were to emphasize maps, both early and contemporary, and illustrations. They could include park legislative history, individual personalities, humorous anecdotes, and general histories of the geographical area prior to park designation. All of the papers, including those selected for oral presentation at the annual meetings, were gathered, edited and presented to the Round Table for publication in its Occasional Papers series.

Altogether eight parks are described by ten map librarians:

“Supreme and Distinctive’ on the East Coast: The Mapping of Acadia National Park,” by Nancy A. Kandoian;

“Following the River Through the Mountains: Mapping Big Bend National Park,” by Robert Sidney Martin;

“An Underground Odyssey: The Discovery and Mapping of Carlsbad Caverns National Park,” by Heather F. Rex;

“Revealing the Sapphire Secret of the Cascade Range: Exploration and Mapping of Crater Lake National Park,” by Peter L. Stark;

“...The Most Sublime of All Earthly Spectacles’: Exploration and Mapping of the Grand Canyon,” by Charles A. Seavey;

“Keeping Track of Paradise: Maps of Hawai‘i National Park,” by Riey Moffat, Karen Stockton and Mabel Suzuki;

“Island Wilderness: Isle Royale National Park,” by Nancy J. Edstrom and,

“Yellowstone Park: The First of Many, the Grandest of All” by Jim Walsh.

Each article includes illustrations, notes and a cartobibliography. The twenty-one illustrations, which are listed on pages v and vi, range from the 1870s to the 1980s and include reproduction of both published and manuscript maps, sketches, aerial photographs, deed and plat maps.

Most chapters contain at least two figures. Generally, the information in the list of illustrations provides the usual caption information, while the line beneath the illustration provides the figure number, and the source of the original item. Figures 5 and 6, showing a typical page from a cave survey notebook and a table of the more commonly used cave symbols, lack any acknowledgement, and are presumably by the author.

Figure 10 on page 138 lacks any acknowledgement, and the title is illegible, but the list describes it as “Crater Lake Special Map, U.S. Geologic Survey, 1890.” Presumably the USGS is the source for Figure 10.
The quality of the map reproductions is variable, which is unfortunate in a publication by an organization dedicated to maps and the information they contain.

There are a number of reasons why it is sometimes difficult to get a clear reproduction of a map, such as a faded manuscript, text obscured by typography, darkened varnish, or just sheer size. Since the caption was relegated to the list, could not the acknowledgement of sources have been treated the same way, allowing slightly larger reproductions? The reader wants to get a general picture of the park as a whole, but it would be nice to be able to read more than the title, and even that is not possible on Figure 10.

The selected cartobibliographies are arranged alphabetically by author/cartographer or issuing body. This is the obvious and usual arrangement, but it does not make it easy to see the full description of a map when one is reading about them in a chronological order. There is nothing in the cartobibliography to indicate which maps are illustrated in the text.

There are the usual "typographical" errors which result from reliance on the computer’s “spellcheck” program which does not catch grammatical errors, words out of place, etc. Pages 135-138 have a cross above the center of the page. There is no index.

In some cases it is fairly clear why some of the authors were selected to write about specific parks, but it is not always obvious. The average reader would find a logic in an Oregonian writing about Crater Lake or someone in Hawaii writing about the Hawaiian parks, but why would someone in Louisiana write about Big Bend, or someone in Boston about Yellowstone? A short paragraph on the title page describing each author’s connection, interest, or expertise in the topic would have been helpful to the reader.

Despite my criticisms, I found this a fascinating book. It is easy to read, and very informative. Jerry Rogers says in his foreword; “Join me in reading of the Republic’s crown jewels.” I heartily endorse this invitation.

David Cobb’s introduction concludes with the statement: “There are additional parks to be investigated, and it is hoped that his publication will rekindle interest in the mapping of our national parks, lead to other presentations, and maybe even another Occasional Paper.” Does MAGERT have any plans to follow up this challenge? It is a very worthy project. Every national park has a story worth telling, or it would not have been deemed worth setting aside in the first place.

This book should be not only in every map library, but in every library, and it should be the first of a series which will eventually include the stories of all the national parks around the world.

Frances M. Woodward
Special Collections and University Archives
University of British Columbia
Vancouver, British Columbia


Nautical charts have a long history of articles and other works being written about them, as a quick look in the Bibliography of Cartography will illustrate - about twenty pages of citations on hydrographic atlases, charts and surveying (pp. 105-26), plus two on portolans (pp. 414-15) (1).

Many libraries have publications relating to them (2), for these vital instruments are appreciated by seamen and landlubbers alike. Count among the latter group any non-sailing map curators such as this reviewer, for whom nautical charts are the best possible source of large-scale maps of islands anywhere.

Each country’s charts have a distinctive look, and each has their peculiarities and excellences; but it is generally agreed that the British Admiralty charts hold a position in charting analogous to that of Swiss topographic sheets in that world. It is thus a pleasure to see this revised edition (first issued in 1967) of a classic work on the British Admiralty charts (3).

First, what are the changes? The author was able to incorporate the extensive research of Andrew David, who spent a number of years in the Sailing Directions Division of the Hydrographic Office, where he acquainted himself with ships logs, journals, surveyors letters, and with documents held in the archives. David examined the original text and added to it, so that it is now, accordingly to Rear Admiral Ritchie, “a more exhaustive and reliable account of British naval hydrography in the
nineteenth century” (p. xiii). There is also a new introductory essay, by Andrew David, and relevant new titles have been added to the bibliography. What this translates to in pages is as follows:


The object of this edition is the same as that of the previous one, to describe what lies behind the compilation of charts. The author, himself formerly a naval surveyor, organizes his work by time, highlighted by the personalities surveying and the places surveyed. Thus the first chapter is, “Latriumpy becomes the First Hydrographer of the Navy,” while the last is “Wharton and Scientific Surveying,” while along the way one voyages to Terra Australis, the Northwest Pacific, Africa, the Straits of Magellan, and the Arctic and Antarctic. What constantly amazes the reader is that at no one time were there more than twelve ships and 150 surveyors; they must have worked night and day.

This is an enjoyable book to read because of the author’s sense of humor and ability to make a time period and a person come alive:

p. xi - “...has been most generous in arranging for me to obtain references, often under difficult circumstances for I was so often at sea whilst writing.”

p. 65 “[An astronomer for a surveyor was unhappy about working in Tahiti because the] beating of the surf on the reef near his tent disturbed the quicksilver forming his artificial horizon. Fortunately, even the writer of the introduction - who concentrates on the achievements of three surveyors of the nineteenth century - displays these traits, as witness the following: p. 11 “...Frederick William Beechey, who had just returned from a polar voyage with Parry, set off eastward from Tripoli dressed in Arab clothes to survey the coastline, accompanied by his brother, a well-known traveller in Egypt .... Allegre ... told Smith that he had spent three years with Captain Holl carrying out a detailed survey of Corsica ...”

His writing is very clear; for example, the best brief explanation this reviewer has seen of how astronomy is used to calculate longitude is on p. 21. And there are various tidbits sprinkled appealingly here and there, as on p. 30 where one discovers that Aaron Arrowsmith was Dalrymple’s assistant; further, that Dalrymple, during the Napoleonic wars, made copies of D’Entrecasteaux’s charts, then returned the originals to France and kept the copies locked up (with the key on Dalrymple’s person!), instead of transferring the details to English charts.

Throughout the work one also sees the considerable influence of Cook on many matters of exploration, and for many of the surveyors some small occurrence that shows the inventiveness and indicates the personality, such as Flinders giving natives haircuts to distract them from the fact that swamping had rendered the British firearms temporarily useless (p. 80).

There are also ties to the present, as in the desk from the Resolute (a ship thought to have been lost in the Arctic but subsequently found, brought back, and sold to the U.S. government) which has served two U.S. Presidents -

Kennedy and Clinton.

Some of the illustrations are not as clearly reproduced as one would like (see p. 339), but they and the maps are always appropriate to the matters being elucidated. Appropriate for map collections that collect nautical charts.

References


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This slender book was written as a text for an academic course: “Nature and Human Nature,” offered by the School of Humanities in Deakin University’s Open Campus Program, in Geelong, Victoria, Australia. It was originally published by Deakin University in 1989. It is Portfolio Five in a set of six, plus an introductory study guide, for the “Nature and Human Nature” course.

The interdisciplinary material presented in both this book and the course itself is broad. The reader of *Maps are Territories* is referred to a vast array of writings by great thinkers in all areas of learning and throughout history. The title is a turn on the familiar “the map is not the territory” of Alfred Korzybski. That author wrote of how our knowledge has outdistanced our ability to describe it: that maps, like language, are structurally inferior to what they describe.

The authors of *Maps are Territories* insist that nature and culture are not separable; that we have the opportunity to synthesize and absorb the cultural milieu within every expression on every map, selectively. Thus, the bold title.

Though “interdisciplinary” this book is very much focused on maps. The chapters of the book are arranged in “exhibits” that are thematic and interconnected. “Exhibit 1” is called “Maps and Theories;” it speaks of maps literally, metaphorically and philosophically.

The second chapter is “Conventional Nature of Maps;” here the development of visual languages shared by a community is discussed. In the third and fourth exhibits, we see differences and similarities between maps and pictographic artifacts (two and three dimensional). There are 11 “exhibits” in all, plus the bibliography of cited works.

In this way we are introduced to the paradoxes and phenomena of maps, and the cultures that make and use them, developing an understanding of concepts critical in cartography. The thrust of the Deakin University course is that those concepts are also critical elsewhere in human consciousness, in the use of science, and in understanding ourselves.

Another critical message conveyed by the authors, concerns the widely varying functions of maps. Aboriginal Australian cultures and their depictions of the land are a focus of the book. Painted bark maps and accounts of songlines — the Aboriginal Australians’ “footprints of the ancestors,” stories of the creation of the landscapes — are used richly in many of the “exhibit” chapters.

Here too are charts and maps of other world cultures of land and sea: stick-charts of Marshall Islanders, Native Americans’ maps (both North and South America), and of course the historical contributions of European mapmakers.

The sixty-six pages are wonderfully illustrated. The selected maps are sharp and clear. The writing is also concise and satisfactorily clear. As a condensed package of information from the universe of maps this volume serves well, especially considering the modest price.

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**Publications Received**


Anyone familiar with the highly-regarded *Atlas of Hawaii,* (Honolulu: University of Hawaii Press. Second ed., 1982) will recognize Mr. Bier’s quality maps. He has also created numerous travel/reference maps of Hawaii as well as other Pacific islands.

The main map (scale 1:17,460,000) depicts the broad expanse of the South Pacific, (from Hawaii to northern New Zealand; from Palau to Easter Island) with each island-nation or jurisdiction outlined in red. Obviously at such a scale, only largest South Pacific Islands such as New Guinea, New Caledonia, et. al., can be shown with green tinted relief hachures, others are outlined. But the main map’s clarity makes it an very user friendly place-name/political entity reference map.

Each political entity on the main map receives a reference number to one of the fifty-two inset maps located...
around main map’s periphery or on the verso. Inset maps utilize green shading or hachures to depict relief, provide the latest place-names, and depict island or urban road patterns in red.

Approximately 2800 place-names appear on the verso index with reference to the inset map, and where appropriate, the main map. Latest population approximations appear with many place-names. A brief and concise legend appears upon the intentionally blank land-mass of Australia. As its title states, it is a reference map, and it is a crisply executed and up-to-date one. But it is not intended, nor would it be suitable as a travel guide or road map to any one island.


Papers presented as part of the World Association of Soil and Water Conservation’s second international conference on “Environmental Regeneration in Headwaters” (Sec, Czechoslovakia, November 1992) make up a large portion of this book.

The purpose of this hardbound book as stated in its preface is to “provide a broad overview of the applications of GIS in mountain regions through both reviews and case studies...to include papers on a wide range of themes, bringing together experiences from research and resource management institutions and the private sector” (p.ix).

The work of thirty-nine researchers from eleven countries are presented. In numbers, contributors in the U.S. followed by Britain, Canada, and Switzerland, Russia and Austria are most represented.

The book is divided into four parts: “Regional Resource Inventory and Planning” containing seven papers; “Evaluation of Natural Hazards” containing two papers; “Research and Resource Management Around Protected Areas” containing four papers; and “Simulation and Prediction: Vegetation and Climate Change” with two papers.

Among other topics, chapter titles focus GIS applications in: ecosystem models, land classification for regional planning, scenario analysis, landslide hazard zonation, animal/forest conservation conflicts, deforestation modeling, and climate change simulations. Numerous black and white maps, charts, photographs and tables are to illustrate papers. All chapters are referenced and include bibliographies. Thirteen color plates clustered at the book’s center serve to highlight figures in eight different papers.

Cataloging News

The U.S. Federal Geographic Data Committee sent out a final version of its Content Standard for Digital Geospatial Data in early June of 1994. The standard is available by anonymous FTP from:
ftp://fgdc.er.usgs.gov/gdc/metadata/meta.6894.wp5 for WordPerfect 5.1 (PC/DOS) (remember to transfer in binary/image model) or

The WordPerfect file is set up for 10pt Times Roman font on an HP LaserJet 4 printer. It can be printed using other fonts or printers, but the sections that are sensitive to page numbers (i.e. the table of contents and list of data elements with page numbers) will have to be regenerated.

Paper copies of the standard may be requested from the Federal Geographic Data Committee (FGDC) Secretariat, c/o U.S. Geological Survey, 590 National Center, Reston, Virginia 22092, USA; telephone (703) 648-5514; facsimile (703) 648-5755; or Internet gdc@usgs.gov. If you would like to compare this with the ASTM work, try: 130.11.51.187 under /wais/docs as
ASTMmeta52394.ps .txt and .wp5

If you haven’t already taken a look at the geomatic-cataloging standards from Canada, it’s worth your time: Geomatic Data Sets Cataloguing RulesCAN/CGSB-171.2-94 Cost: $65 plus GST and applicable PST plus $3.40 shipping and handling. To order or obtain more information, contact:

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New Mapping of Western North America

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Black, Gerald L. *Geologic Map of the Remote Quadrangle, Coos County, Oregon*. Scale 1:24,000.
Portland: Oregon Dept. of Geology and Mineral Industries, 1994. Geological Map Series, 84. ISSN 0270-952X. $6.00 from Nature of the Northwest Information Center, Suite 177, State Office Bldg, 800 NE Oregon St. #5, Portland, OR 97232-2162, phone (503) 872-2750. FAX (503) 731-4066. KN


Priest, George R.; Saul, Ingmar; and Diebenow, Julie. Chronic Geologic Hazard Maps of Coastal Lincoln County, Oregon. Portland: Oregon Dept. of Geology and Mineral Industries, 1994. Title is for set of Open-File Reports listed below. Price for entire set is $109.00. O-94-11 is $9.00; individual maps are $6.00 each. O-94-11 Explanation of Chronic Geologic Hazard Maps and Erosion Rate Database, Coastal Lincoln County, Oregon: Salmon River to Seal Rocks. 45-page text and 3.5in. diskettes with data stored in DOS formats for Lotus 1-2-3 (.WK1) and dBase III+ or higher (.DBF) for $9.00.

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O-94-21 Cape Foulweather-Whale Cove area
O-94-22 Otter Crest area
O-94-23 Beverly Beach area
O-94-24 Moolack Beach area
O-94-25 Moolack-Agate Beach area
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O-94-28 Newport Airport area
O-94-29 Lost Creek area
O-94-30 Seal Rock area

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<td>New Zealand National Archives, The Librarian, P.O. Box 12050, Te Aro, Wellington, NZ</td>
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<tr>
<td></td>
<td>Oklahoma State University, Edmon Low Library—Periodicals, Stillwater, OK 74078</td>
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</tbody>
</table>
Remote-Sensing News

- The first experimental SAR (Synthetic Aperture Radar) image was acquired by ERS-2, on May 2, 1995, it is of the Campania region in south central Italy. (European Space Agency, 8, 10 rue Mario-Nikis - 75738 Paris Cedex 15, France)

  Go online to view thumbnails of Landsat data: http://www.coresw.com for access to 250,000 images in the TM archive.

  The U.S. has begun to release about 800,000 vintage satellite photo-reconnaissance pictures, that are being declassified.

  A ruptured hydrazine manifold caused the failure of the Landsat 6 satellite, launched from Vandenberg Air Force Base in 1993.

State and Province News

Alberta

Over the Christmas 1994 holidays, the William C. Wonders Map Library moved from the Tory Building to Cameron Library. The collection has been split, with the current materials in a spacious area on the Main Floor and the aerial photograph and rare materials collection in a secure lower level area.

Service will be from the main Science and Technology Information Desk, so everyone can update their directories. The new contact numbers: (403) 492-7912, fax (403) 492-2721.

The second step of merging the William C. Wonders Collection into the operations of the Science and Technology Library took place in spring of 1995. Responsibility for the collection has been turned over to three very capable librarians, who will each dedicate half of their time to it. While all three will have some responsibility in all areas, they will focus in the following areas:

- David Jones - acquisitions and reference (403) 492 3433
djones@library.ualberta.ca

- Marianne Jamieson - organization, cataloguing, technical processing (403) 492 - 7907
mjamieso@library.ualberta.ca

- Jerry Kowaljk - GIS (403) 492 - 7905
jkowaljk@library.ualberta.ca

- Ron Whistance-Smith continues as a volunteer and mentor for a few hours each week.

U.S. Government Agency News

Board of Geographic Names/Defense Mapping Agency

The Defense Mapping Agency, in collaboration with the U.S. Board on Geographic Names (BGN), is making its holdings of foreign geographic names information available on the Internet World Wide Web.

These holdings have been used in the publication of the series of DMA/BGN gazetteers of foreign areas, and comprise over 4 million records. This new service is called the GEOnet Names Server. Its Internet URL is http://164.214.2.6/ and it can be accessed with any WWW browser that supports forms, such as Mosaic or Netscape.

For a limited time users can access the GEOnet using "guest" as the user ID and password (omit the quotes). Use of the system is currently free of charge.

For further information:
Randy Flynn
DMA Geographer
E-mail: pp000189@interlamp.com
(Randall E. Flynn)

Utah

CD available - Climate Time Machine / Donald Jensen. Logan, UT: Utah State University, State Climatologist, 1994. $30.00. Barbara Cox has seen a brief demo but our copy hasn't arrived yet. Be warned that one of its intended audiences is elementary school science classes so it may not have a lot of depth.

Arizona

Bet you haven't had this reference question: person who wanted to know the year in which the city of Chandler was incorporated; both she and her husband were adherents of numerology, and wanted city's numbers to match their numerology charts. It did, fortunately for the city's population increase stats. (Phoenix Gazette, Tempe Community Section, 12/21/94)

GEOnet digital gazetteer; GDE Systems Inc., POB 509008, Mail Zone 6100-J, San Diego CA 92150-9008.
Price not yet determined.

From the minutes of the Domestic Names Committee:
- Branch prepared an updated version of National Digital Gazetteer for USGS open house in April
- approximately 100,000 entries have been added to GNIS since the digital gazetteer was released in 9/93
- FIPS55 is scheduled to be redesigned in connection with the GNIS modernization project.

Bureau of the Census

Do you have fond memories of reference questions successfully answered with volumes from the 1970 Urban Atlas series? The ARL/GIS Literacy Project is putting together a 1990s digital version. Architects/editors of this soon-to-be electronic masterpiece are Brent Allison (U Minn.) and Pru Adler (ARL).


Environmental Protection Agency

As part of the effort to reinvent government, the U.S. Environmental Protection Agency signed a memorandum of understanding with three other federal agencies committing to advanced, long term research using remote-sensing data from space satellites.

The partnership, known as the Multi-Resolution Land Characteristic Consortium, will collaborate on research and the development of a flexible land characteristics database to be used by the consortium and other
federal, state and local organizations.

The partnership is designed to reduce duplication and streamline the research process, saving the government $30 million in purchasing costs and preparation of the data, including archiving, management and data distribution.

Joining EPA in the agreement are the Department of Commerce’s National Oceanic and Atmospheric Administration (NOAA), the Department of the Interior’s National Biological Service (NBS) and the U.S. Geological Survey (USGS). For further information, contact Dr. Denice Shaw, EPA Environmental, Monitoring and Assessment Program, (919) 541-2698.

Federal Geographic Data Committee

• FGDC has taken over the NSDI-L listserv. The new list address will be: NSDI-L@usgs.er.usgs.gov. The listserv for signing up, setting mail preferences, finding archived messages, and signing off will be: listserv@usgs.er.usgs.gov.
• The National Geospatial Data Clearinghouse address is: http://nsdi.usgs.gov/NSDI

Fish and Wildlife Service

• The National Wetlands Inventory (NWI) has created a cd-rom which contains sample wetlands map data, both for viewing and transfer into various GIS systems. The cd-rom also contains the NWI status database as well as some other goodies. If you would like a copy, send a request to Herman Robinson at: herman@enterprise.nwi.fws.gov, or:

National Wetlands Inventory
USFWS
9720 Executive Center Drive
Monroe Building, Suite 101
St. Petersburg, FL 33702
ATTN: Herman Robinson
• Need to convert National Wetland Inventory’s DLG3 digital files to PC Arc/Info coversages? Macros are available at: http://www.nwi.fws.gov
• Its Web server is: http://www.tws.gov

General Land Office

• GLO records are now available on compact disk, for Arkansas, Florida, Louisiana, Michigan, Wisconsin. $15 ea. Superintendent of Documents, POB 371954, Pittsburgh PA 15250-7954.

Geological Survey

• GNSI (Geographic Names Information System) CD is available for $57.
• Geologic Information Visualization (GIV) mapping software is available free. For more information: Christine Cook, 703/648-6481.

Library of Congress

Michele E. Hamill
ABSTRACT

“In 1987, a multifaceted architectural drawings [1] project, known as Washingtoniana II, began at the Library of Congress.[2] The purpose of this ongoing, collaborative effort between the Library’s Conservation Office and the Prints and Photographs Division is to preserve and make available 40,000 drawings related to Washington, D.C.

The size, diversity, and complexity of this collection and the need to prepare it for service to the public have required some innovative and cooperative approaches. By providing appropriate housing and stabilization and through the creation of catalog records which will be available internationally, the Washingtoniana II project will make the entire collection accessible for the first time.

This paper will describe the Washingtoniana II collection, the preservation component of the project, and some of the techniques which are being used to preserve this unique and valuable collection.”

• Barbara J. Story has been appointed head of the Geography and Map Division’s Cataloging Unit, effective 3/20/95. Congratulations, Barbara!

National Snow and Ice Data Center

• Historical Soviet Daily Snow Depth CD-ROM - $50 from NSIDC, CIRES, University of Colorado, Campus Box 449, Boulder CO 80300-0449; nsidc@kryos.colorado.edu.

National Aeronautics and Space Administration

• If you haven’t discovered it yet - the NASA Technical Reports Server (NTRS) is a treasure! http://techreports.larc.nasa.gov/cit-bin/NTRS
• Planetary Data System has produced a new CD-ROM, Welcome to the Planet, 190 images acquired over the past 25 years. $36. NSSDC Request Office. 301/286-6695.
• New brochure - NOAA-NASA Pathfinder Program, 894.
• The Jet Propulsion Lab has prepared a CD, SIR-CED Radar Imagery, free from: Annie Richardson or A. Freeman, Radar Data Center, MS 300-233, JPL, 4800 Oak Grove Drive, Pasadena 91109.
National Climatic Data Center

The National Environmental Watch has been published on a CD-ROM and also on a set of 6 3.5" diskettes. Call or write: Customer Services, NCDC, 37 Battery Park Avenue, Asheville NC 28801. Or: http://www.ncdc.noaa.gov.

NCDC also has available: Global Historical Fields CD (northern hemisphere, 1899-1994). NCDC has a new climate-visualization tool (CLIMVIS).

National Geophysical Data Center

In the continuing avalanche of CDs from NGDC is the Global View CD, including owners’ manual. Geologic hazards slide sets - the latest is January 17, 1994, Northridge (CA) earthquake; 2 sets, $30 each. NGDC, E/GC4, Dept. 953, 325 Broadway, Boulder CO 80303-3328.

National Oceanic and Atmospheric Administration

These should actually be under NESDIS but I couldn’t remember what the acronym meant...


National Oceanographic Data Center

Its data and information are available: http://www.nodc.noaa.gov/gopher.nodc.noaa.gov

News

Charles Mastin, WAML Member, is offering his near-complete collection of IBs from 1977-1994 to a library that can make use of them.

His address and phone number: Charles D. Mastin
5 Traxler Road
San Anselmo, CA 94960
415-454-7976

“The Earth & the Heavens: the Art of the Mapmaker,” the British Library’s main summer exhibition for 1995 has as its focus the response of mapmakers to the questions, “what is the shape and extent of the Earth, and of the cosmos containing it?” July 7-October 22, 1995. (Press and Public Relations, 96 Euston Road, London NW1 2DB)

A commemorative meeting is being organized for Dr. Helen Wallis, at which friends and colleagues can share memories and receive a printed volume of tributes - The Globe My World: Tributes to Dr. Helen Wallis (1924-1993), Royal Geographical Society, London, May 9, 1995, 4pm. Tony Campbell, Map Library, British Library, Great Russell Street, London WC1B 3DG.

Digital News

From Duane F. Marble (E-mail: marble.1@osu.edu), Dept. of Geography, Ohio State University, Columbus, OH 43210: In 1988 John Snyder and Harry Steward published their bibliography of map projection literature as USGS Bulletin 1856.

Containing over 2,000 references, this was certainly the definitive work in this area. John Snyder has kindly updated the 1988 work by adding about 300 additional references and allowed us to make it available in digital form.

Perhaps the best way to make use of this bibliography is through the search capabilities provided by our WWW home page. Should you wish to do so, you can also download all or part of the bibliography from the FTP area on bastet.sbs.ohio-state.edu. The WWW home page may be found at: http://thoth.sbs.ohio-state.edu/

Try: http://www.uophx.edu/irc2.html. It has such items as digital versions of articles from computer-science periodicals.

Oracle Corporation (Redwood Shores CA) has introduced Oracle7 MultiDimension, technology that stores and manages spatial data in a relational database.

New version of XV, version 3.10: available via anonymous ftp from - ftp.cis.upenn.edu/pub/xv (directory) ftp.upenn.edu data/bradley (directory)

PCI's Windows 3.1 image viewer is available as freeware through anonymous ftp: ftp.pci.gsfc.nasa.gov; pub/win31 (directory)


100 images - in small, Web-able versions of ca 250 pixels - are available over the net: http://www.konbib.nl/100hoogte/hh-en.html

The printed book from which these were derived, “Honderd hoogtepunten uit de Koninklijke Bibliotheek/A hundred highlights from the Koninklijke Bibliotheek,” is available for DFL 59.50 from Waanders Uitgevers, Zwolle; ISBN 90-6630-490-1.

Try out the Clearinghouse of Image Databases if you haven’t already: http://dizzy.library.arizona.edu/images/images.html

For the latest version of the Mosaic Web browser: ftp://ftp.ncsa.uiuc.edu/ Mosaic/Unix/
Street Seeker San Francisco. This easy-to-use HyperCard-based software will find streets, courts, alleys, freeway on-ramps and off-ramps, public buildings, parks, museums, and much more in San Francisco, Ca. The instant you click on a name in the index, a detailed street map of San Francisco appears with a flashing arrow pointing at your selection. You can zoom in and out, glide around the whole city, search some streets by block numbers, make annotations, and print maps within the software. Tourists can bring up information about museums and other buildings by clicking on them. The map shows street names, block numbers, one-way street directions, and is accurate as of 1993. It's faster than similar programs on CD-ROM and it's small enough to run on your PowerBook or any Macintosh computer with System 6.0.5 and 1 megabyte of RAM. HyperCard Player is included. $25. Mines Road Books, P.O. Box 3185, Fremont, CA, 510/651-2514, fax 510/651-2514.

For weather images/movies: http://rs560.cl.msu.edu/weather/

IMAGE is a public domain program for the Macintosh for doing digital image processing and analysis. It can acquire, display, edit, enhance, analyze, print, and animate images. Available via anonymous ftp at alw.nih.gov (192.731.178.251) in the directory/pub/image. Enter 'anonymous' as the user name and anything you like as the password.

For images of Jupiter: ftp.rni.ac.za (146.231.128.1) in /pub/saao/images

Canadian Geoscience Information Centre (CGIC) Book, Report and Map accessions lists are now available on Internet at no cost via anonymous ftp. To connect to the ftp server:

1. Make an ftp connection to emr1.emr.ca (or 132.156.36.1)
2. At the user prompt, enter anonymous
3. At the password prompt, enter your internet address
4. Enter cd gsc/cgic to move to the directory where the files are stored
5. Enter the command "get mapacc.dos" to retrieve the map accession list file and store it on your local hard drive.
6. Enter the command "get monoacc.dos" to retrieve the accessions list for monographs and other non-map materials.
7. Enter the command "get introlib.dos" to retrieve the "Introduction to the CGIC Accessions Lists" document which provides helpful background information.
8. Enter the command "exit" to end your ftp session.

"Columbia University Libraries is currently conducting an investigation into the scanning of oversized color maps. The project is funded by a contract from the Commission on Preservation and Access. "We are scanning five oversized color maps using a variety of methodologies, and comparing the results to determine which can provide successful access both on-line and through paper printouts. The report of the work in progress, which is available via the Columbia University World Wide Web server, includes a narrative description of the project as well as the complete set of digital images created to date. The URL is: http://www.columbia.edu/imaging/html/largemaps/oversized.html""

"Old-map screen saver: pans over a scanned 1895 map of the Eastern United States. A small floating block shows the portion of the map being displayed and Goldbug logo (small). Requires Windows 3.1 or +. Very easy to install and the password protection option is available.

Uploaded to the Genealogy Forum libraries in both CompuServe and America Online with the title Old Map Screen Saver. It is also now available via FTP thanks to some nice folks at the University of Queensland. Address: ftp://dingo.cc.uq.oz.au/pub/mapss

It is not shareware. No payment is asked or expected. Art Lassagne, Gold Bug Maps, Historic Map Reproductions and Software, P.O. Box 588, (free list available by e- or snail mail) Alamo, CA 94507, e-mail: goldbug@aol.com, (510) 838-MAPS

Here is the URL for the Ryhiner Map Collection at the University Library of Bern/Switzerland: http://ubecli.unibe.ch/stub/stub.html For further information: klocii@stub.unibe.ch

Dr. Thomas Kloeti
Ryhiner Collection
Stadt- und Universitaetsbibliothek
Postfach
CH-3000 Bern 7
Switzerland

New Publications


East Asia Geographic Map Series. 1:2.5M. 1995. $10 + shipping for sheet 3. Documentation and Information Services Unit, CCOP Technical Secretariat, 110/2 Sathorn Nua Road, 2nd floor, Offshore Mining Organization Bldg., Bangkok THAILAND. Maps prepared by USGS.
- Easter Island. 1:30,000. 1993. ITM6 Publishing, P.O. Box 2290, Vancouver, B.C. V6B 3W5 Canada.
- European Pulp & Papermill Map. BF 3,150. PPI Book Dept., 123a Chaussee de Charleroi, Box 5, B-1060 Brussels BELGIUM.
- Papua-New Guinea. 1:2,600,000. 1992. South Pacific Maps, Ltd., marketed by Hema Maps, P.O. Box 724, Springwood 4127 Australia.
- Solomon Islands. 1:1,700,000. 1993 South Pacific Maps, Ltd., marketed by Hema Maps, P.O. Box 724, Springwood 4127 Australia.
- Western Samoa. 1:235,000. 1992. South Pacific Maps, Ltd., marketed by Hema Maps, P.O. Box 724, Springwood 4127 Australia.

Books
- Antonomous, Jim. Cities Then & Now. $27.50. Macmillan.
- Bryan, Dennis P., Stephen B. Castor and Larry J. Garside. Aggregate Resource Study of Southern Washoe County, Nevada. $26.00 Nevada Bureau of Mines and Geology, MS 178, University of Nevada, Reno, NV 89557; (702) 784-4415;
- Canadian Fire Insurance Plans in Ontario Collections, 1876-1973. 1995. Occasional papers of the Association of Canadian Map Librarians and Archives; no. 5. $22. ACMLA, c/o Visual and Sound Archives Division, National Archives of Canada, 95 Wellington Street, Ottawa, Ontario K1A 0N3.
- Garside, Larry J. Nevada Low-Temperature Geothermal Resource Assessment: 1994. with a bibliography by David A. Davis and Larry J. Garside. $44.00 Nevada Bureau of Mines and Geology, MS 178, University of Nevada, Reno, NV 89557; (702) 784-4415;
- Weiss, Michael J. Latitudes & Attitudes. $29.95. Little, Brown.
- Who’s Who in the History of Cartography, The International Guide to the Subject. Map Collector Publications Ltd and Imago Mundi announce publication in 1995 of the eighth expanded edition of the above work. So that the directory can be comprehensive - and hence of the greatest possible value - the publishers urge ALL those who are (or have recently been) working towards publication in the history of cartography to respond to this questionnaire. ENTRY IS FREE.

Replies are particularly sought from those who might not consider themselves historians of cartography but who work with non-current maps. Get from: Map Collector Publications Ltd, 48 High Street, Tring, Herts HP23 5BH, UK; fax: 044 282 7712; or e-mail: tony.campbell@bl.uk.
- Wood, W. Raymond. Joseph N. Nicollet’s 1839 Manuscript Maps of
the Missouri River and Upper Mississippi Basin. $16.50, Illinois State Museum.


Map Link has published its 1995 Academic Section catalog which updates and replaces the 1992-93 World Map Directory. The 289-page book lists all maps in Map Link's inventory system which are not listed in its semiannual basic catalog (current issue Fall 1994) and is directed principally to the academic, library and special interest market.

Ordering information is:

E-Mail Orders And Questions: Ern R. Bonebakker
Map Link/Waterways
317 Spring Street
Portland, Me 04102
Tel/Fax: 207-874-6664
E-Mail: 70324.2751@Compuserve.Com

All Other Orders:
Map Link
25 E. Mason Street
Santa Barbara, Ca 93101
Fax: 800 627-7768

Thanks to Judith Scurfild (Map Librarian, State Library of Victoria, Melbourne) for the following on Reef, Range, and Red Dust: "Re your note in WAML Information Bulletin 25 (3) July 1994, the atlas with this title was published by the Queensland Department of Lands, Locked Bag No. 40, Coorparoo Delivery Centre, Brisbane, Queensland 4001, Australia, in 1993. It has 244 pages, and the ISBN is 0724248471, but I don't know the price - you would have to contact the publisher."

Digital

Antarctica; Infomap 345, ed. 1.

$5.00. Dept. of Survey and Land Information, Private Box 170, Wellington NEW ZEALAND.

The Atlas of Florida CD-ROM is available for purchase from: Florida Geographic Alliance c/o Institute of Science and Public Affairs 361 Bellamy Florida State University Tallahassee, FL 32306-4016
0-9 copies @ $29.95 each; 10 or more copies @ $19.95 each. Please specify MAC or DOS version. For additional information please contact Jim Anderson @ (904) 644-2883 or jandere@acms.fsu.edu

GIS database starter kit summary document. $7.50. Alaska Dept. of Natural Resources, 3601 C Street, Suite 200, Anchorage, AK. 99503-5929.

Gravity mapping from the National Remote Sensing Centre Limited, Delta House, Southwood Crescent, Southwood, Farnborough, Hampshire, GU14 ONL, United Kingdom. Free sample datasets. Indian (as in the peninsula and country) satellite data free sample from EOSAT, 4300 Forbes Blvd, Lanham, MD 20706.


XV, version 3.10. John Bradley's excellent image-processing software for UNIX. ftp.cs.upenn.edu, directory pub/xv.bradley@devo.dccs.upenn.edu

Preservation


Contents include

The effect of the museum environment on geological collections: R. E. Child

Environmental effects on geological material:

i. Pyrite decay: C. J. Buttler
ii. Damage to sub-fossil bone: C. J. Buttler

iii. Damage to shale: D. Dollery
iv. Salt efflorescence and damage: R. E. Child

v. Light induced changes of minerals: J. Horak

Previous treatments, problems and solutions: D. Dollery

Conservation records and specimen surveys: C. J. Buttler

Hazardous specimens and their control: M. Lambert

Good storage practice

i. stores and storage materials: R. E. Child

ii. Cleaning: D. Dollery

iii. Packaging: C. J. Buttler

Good summary of up-to-date information. Order from Archetype Publications Ltd., 31-34 Gordon Square, London WC1H 0PY, UK. ISBN 1 873132 60 3, ISSN 0969-1723. Price not given.

The January 1995 issue of Scientific American has an article entitled, "Ensuring the Longevity of Digital Documents," author is Jeff Rothenberg.

The spring 1995 (6, no. 1) issue of NEDCC News has an article by Paul Conway (head, Preservation Dept., Yale U. Library) on "The implications of digital imaging for preservation." (pages aren't numbered but looks like pages [4-5]).
Milestones
Larsgaard Receives Top Honor

"On Monday, June 12, 1995, in the Queen Elizabeth Hotel, at the 80th Annual Conference of the Special Libraries Association, held in Montreal, Quebec, the Geography and Map Division of the Special Libraries Association presented its Honors Award for Outstanding Achievement in Geography and Map Librarianship to Mary Lynette Larsgaard, Assistant Head, Map and Imagery Laboratory and Library at the University of California in Santa Barbara. A framed certificate was presented to Ms. Larsgaard by Mr. Paige G. Andrew, Chair of the Division.

The Honors Award is the highest award given by the Geography and Map Division of the Special Libraries Association. The Division, founded in 1942, began this recognition of achievement in Geography and Map Librarianship in 1955. This year marks the 27th time the award has been given. The award honors a person who has made outstanding contributions to the fields of geography, cartography, or map librarianship. Ms. Larsgaard is only the second person to receive both the Special Libraries Association and the American Library Association awards for outstanding contributions to map librarianship.

A prolific writer, she has a bibliography of publications longer than many articles. Through her writings, she shares her experience and wide-ranging expertise. Her landmark volume, Map Librarianship, is currently in its second edition. Two other volumes, Topographic Mapping of the Americas, Australia, and New Zealand and Topographic Mapping of Africa, Antarctica, and Eurasia expand our access to world mapping and facilitate reference and acquisitions. In addition to her books, she has served as Editor of the Information Bulletin of the Western Association of Map Libraries; Editor of baseline, the newsletter of the American Library Association’s Map and Geography Round Table; and edited issues of other journals. Her numerous writings include chapters in a variety of reference volumes as well as articles in major map and other library journals. She has also contributed regular columns to professional journals and is a frequent reviewer of cartographic materials.

Ms. Larsgaard has served as Chair of the Special Libraries Association’s Geography and Map Division, President of the American Library Association’s Map and Geography Round Table, President of the Western Association of Map Libraries, and headed a number of other
map library groups. Her active involvement in map and geography organizations also includes serving as chair of almost every committee and numerous presentations at conferences and workshops.

A major focus throughout Ms. Larsgaard's career has been the cataloging of cartographic materials. She founded the Special Libraries Association Cataloging Committee. She was a representative to the Anglo-American Cataloging Committee for Cartographic Materials for both the Special Libraries Association and the American Library Association. She is currently the representative for the Western Association of Map Libraries on the committee to review AACR2. She has written extensively about cataloging and classification. Ms. Larsgaard has led the profession in the development of cataloging for digital spatial data. She is probably one of the few people in the world that is currently doing 'live' cataloging of metadata for GIS.

Ms. Larsgaard is always highly enthusiastic when it comes to maps, map collections, and map librarianship. Her positive spirit, willingness to accept a challenge, and adept skills always have her in the forefront of developing and using new techniques for organizing cartographic materials. One of her greatest achievements is her encouragement of new librarians, new ideas, and new techniques in our profession. It is not surprising that Mary has the highest profile in map librarianship today. Her dedication and leadership will guide us into the next century. (text provided by SLA G&M Division.)

**Dr. Helen Wallis OBE (1924-1995)**

Subscribers may like to know of three ways in which Helen’s life and career are being commemorated. On May 9th, a memorial meeting was held in her honour at the Royal Geographical Society, London. For that occasion an 84-page volume, ‘The Globe My World’ was produced, containing tributes from 61 former friends and colleagues.

On that same occasion extracts were shown from ‘Dr. Helen Wallis Reminiscing’, a 90-minute video of Helen talking in her St. John’s Wood flat in August 1994 to Sarah Tyaekke and Tony Campbell, about the people and incidents of her professional life outside the Library, and particularly about her travels.

At the end of the meeting it was announced, on behalf of the British Library’s Chief Executive, that an annual ‘Helen Wallis Fellowship’ was to be established. ‘Preference will be given to proposals which relate particularly to the Library’s collections, which seek to explore the interdependence of cartographic and other sources in historical investigation, and which have an international dimension’.

A separate Helen Wallis fund has now been established and further donations are cordially invited. (Please contact me if you would like information about tax-effective ways of donating, whether in pounds or dollars). In addition, it is possible to obtain copies of the tributes volume (8 pounds postfree in the UK, 10 pounds or 18 dollars airmail outside the UK) and of the video, supplied in the appropriate format for the country concerned (15 pounds post-free in the UK; 18 pounds or 32 dollars airmail outside the UK). Since we have to batch up orders for copies of the video so as to obtain a reasonable price, we must ask for your patience.

Cheques (sterling, dollar or Eurocheques) should be made out to ‘THE BRITISH LIBRARY’ (where it will be placed in the special account) and sent to me. Any profit on the volume or video will go to the Fellowsfip Fund.

**The British Library is an exempt registered charity**

Tony Campbell, Map Librarian, The British Library, Great Russell Street, London WC1B 3DG, UK
Phone: [0] 171 412 7525
Fax: [0] 171 412 7780
tonycampbell@bl.uk

**Herbert receives IMCoS-Tooley Award**

Francis Herbert, Curator of Maps at the Royal Geographical Society, is this year’s recipient of the IMCoS-Tooley Award. The presentation was made by Admiral Steve Ritchie at the annual dinner of the International Map Collectors’ Society in London on 24 June.

The award recognizes Mr. Herbert’s outstanding performance as a map librarian. His encyclopedic knowledge of the literature on cartography (from early times up to the present) and the exceptional practical help he continues to offer to enquirers from all over the world. Among the many services to our subject for which he was thanked are the continued compilation of the bibliography for Imago Mundi and his role as Research Editor of *The Map Collector*.

I am sure that many subscribers to [lmaps, MapHist and MapsL] will share my delight at this thoroughly deserved honour.

Tony Campbell
Map Librarian, British Library and IMCoS Council member
• George M. Cunha, Director Emeritus of the Northeast Document Conservation Center, has died at the age of 82, on 11/29/94. (NEDCC, 100 Brickstone Square, Andover MA 01810)

• A belated but nonetheless sincerely meant congratulations to Elaine Clement, who was, mid-last year, elected chair of the Geography & Map Division of Special Libraries Association. Elaine hails from Penn State's Earth and Mineral Sciences Library. She and Alice Hudson will be planning the G&M Division's program in Montreal in June 1995. Elaine's email is exe@psuias.psu.edu. Further congratulations to Geography & Map Division members Charlene M. Baldwin and Hope N. Tillman, just elected to the Special Libraries Association Board of Directors. It is always nice to see geog & map folk rise to higher positions of authority and power...! Charlene is due further congrats on her position as Division Head, Science Libraries, University of California, Riverside. Her email is: CBaldwin@ucrcl.ucr.edu

• Jeremiah Post has a new email address: POSTJ@FLPLIB.PA.US - ("when the system is up, of course.")

As of June 30, 1995, the Free Library of Philadelphia (through which he had email) terminated its HSCL contract, and he could not be reached at his former address (jpost@shrsys.hslc.org) until the new system came online.

Employment

These announcements are entered here as a matter of record, because their deadlines have passed.

• The Research Libraries of The New York Public Library has an exceptional opportunity to join our Humanities and Social Sciences/Map Division as an Assistant Chief Map Librarian.

GENERAL DESCRIPTION: Under the general direction of the Chief, Map Division, administers the day-to-day operation of the Division including the supervision of professional and paraprofessional staff. Will serve as the selection officer for materials added to the collection and as the Division's conservation representative. Manages the Division's automation needs, including the public and staff. Performs public reference and research services in person, via the telephone, mail and E-Mail. Plans and implements staff, equipment and collection space requirements. Maintains daily, weekly and annual Division schedules. Assists in the Division outreach and development programs. Also, substitutes for the Chief in their absence. Performs related duties as required.

ELIGIBILITY REQUIREMENTS:

Qualified candidates must have an ALA accredited MLIS and substantial relevant professional experience in a large research map collection. A second Master's degree in cartography, geography or the social science is preferred. Must have a specialized knowledge of maps and map related literature, including computer mapping. Knowledge of Geographic Information Systems is preferred. Knowledge of the principles of collection development and conservation techniques is required. Demonstrated administrative experience including the supervision of professional staff is required. Must have the ability to interact well with the public and staff. A working knowledge of at least two foreign languages, preferably French and Latin is required. Candidate must be active in professional associations and activities. We offer a competitive starting salary of $38,344 plus excellent comprehensive benefits. For consideration, please send resume and cover letter in confidence to:

Human Resources Department JQ-MAPI, The New York Public Library, 8 West 40th Street, 2nd Floor, New York, NY 10018-3902

• Social Sciences Data Services Coordinator, Social Sciences Data Center, Government Documents Section, University of Virginia Library.

The Social Sciences Data Center, 1 of 7 electronic information centers in the University Library, makes available numeric data in electronic formats to faculty and students. The library centers focus on e-texts, digital images, geographical information, music, science data and rare books and manuscripts. The centers are featured in the Library's home page at http://www.lib.virginia.edu.

The University Library system comprises the main library and 10 branches, with independent libraries for law, medicine, and graduate business. The libraries serve 1,600 teaching faculty, 6,000 graduate and professional students, and 11,000 undergraduates.

Reporting to the Documents Librarian, the Social Sciences Data Services Coordinator develops and promotes the use of social and economic statistical/numeric data collections and products in electronic format, and coordinates the Social Sciences Data Center with other Library electronic data collection and dissemination efforts, especially the Geographical Information Center. Serves as Official Representative for the Virginia Federation ICPSR membership and coordinates use of ICPSR. Trains staff in the promotion and use of
Periodicals

- Arizona Geographic Information Council Newsletter, #14, March 1995: "ALRIS releases modified TIGER/socio-economic data set", funding for a State Cartographer looks promising
- Arachnet: Electronic Journal on Virtual Culture. Special Issue: Computerized Tools as Intermediaries in the Communication of Mental Maps, May 16, 1994 (Volume 2 Issue 2)
- Articles and Sections of this issue of the _Electrical Journal on Virtual Culture_ may be retrieved via: Listserv Retrieval:
  - Send e-mail to listserv@kentvm or listserv@kentvm.kent.edu;
  - the message must read: GET EJCV2N2 CONTENTS (table of contents including abstracts) or GET <filename> <filetype> where <filename> is the name of the article or section (e.g., author name) and <filetype> is the V#N# of that issue of EJVC.
- Anonymous FTP:
  - ftp byrd.mu.wvnet.edu
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- Gopher:
  - gopher.cic.net 70
  - Electronic Serials/Alphabetic List/e/Electronic Journal on Virtual Culture/
  - WWW:
    - (http://www.twi.tudelft.nl/Local/HCI/HCI-Index.html), under the "Books and other publications" section.
- Association of Canadian Map Libraries and Archives Bulletin, no. 91:
  - "Digital cartographic information in the Map Library," Barbara Farrell;
  - "University map libraries in Ontario," Cheryl Woods no. 92:
  - "From email to the Web: index map to the Internet," Alan Hughes; "Laser videodisc technology: a tool for collections management at the McMichael Canadian Art Collection," Kathryn Rumbold;
  - "Canadian maps & atlases selected for the International Cartographic Association, Barcelona, 1995," Claire Gosson;
  - "Environnement: liste d'atlas mondiaux et regionaux disponibles a la cartotheque de l'Universite Laval," Reni Larouche;
  - Coast and Geodetic Survey, National Ocean Service, NOAA, 1315 East-West Highway, Station 8620, Silver Spring MD 20910-3282.
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  - "New forms, concepts, and structures for European national atlases," Perjan Ormel;
  - "Visualizing digital atlas information products and the user perspective," C. Peter Keller;
  - "Potential of electronic atlases for
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8 Amherst Road, Pelham, MA 01002
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Collins, CO 80525.
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“Historical atlas of New Zealand:
new maps for old?”, Malcolm
McKinnon;
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Oakford Road, London NW5 1AH.
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Canada, 615 Booth Street, Ottawa,
Ontario KOA 0E9
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Pat Allen
(rallen@mentor.cc.purdue.edu)
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maps and map makers of the Civil
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“Dream towns of northwest
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