



Polar Libraries

BULLETIN

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Winter 1991

Cold Regions and Antarctic bibliographies at Library of Congress

By Stuart Hibben

Having completed a half year as new head of the Cold Regions Bibliography project at the Library of Congress, I think it would be an appropriate time for some observations from me. I have used this time to become familiar with the selection, entry and production processes for our two publications, *Antarctic Bibliography* and *Bibliography on Cold Regions Science and Technology*, and with related tasks such as microfiche and CD-ROM generation. This is a complex and highly structured process, demanding full attention from me and the project staff, now comprising four Technical Information Specialists and two Library Technicians. I am much indebted to my predecessor, Geza Thuronyi, for his patient guidance in helping me understand the operational details and editorial practices being used.

For the near term the bibliographies will continue to be produced as they now are. The only substantive change is that the *Antarctic Bibliography* will now be published annually, instead of every 18 months.

In looking to the future of this project, I would consider it in the two general categories of procedure and content. The publication procedure is an in-house matter. In the long run I hope we can take fuller advantage of the automated publishing aids that are now available.

One bright spot in this picture is the CD-ROM version of the cumulative

database, which has become the authority file for the project. Since its arrival just over a year ago, the CD-ROM disc has proven to be an extraordinarily versatile and powerful research tool. The disc file presently is updated annually; my hope is that we might increase this to six-month updates, if budgets will allow.

The subject content and format of the bibliographies are governed by the interest profiles of the sponsors, NSF and CRREL, and this will continue to apply. One pertinent question being raised is on completeness of source coverage. There is always concern that not all documented research is being captured, particularly in the "grey" literature area, and maybe a more systematic effort should be made here.

As a step toward getting better control on sources, I am building a file of all serial journals being cited, including their frequency of citation in the database. I have started journal lists for both current volumes of the *Antarctic* and *CRREL* bibliographies, and would be glad to share them with anyone interested; maybe we are missing some titles.

My final comment is a caveat on future financing of this project. We are funded by government sponsors (not the Library of Congress), and Federal budget constraints are making it increasingly difficult for our sponsors to keep up with the inevitable rising project costs. Over 75% of project costs are salaries, so any significant budget shortfall would translate to loss of staff. I strongly endorse the

proposal by Dr. David Walton in the last bulletin, that at least the *Antarctic Bibliography* should be given financial support from other interested parties, since this is a truly international reference source. The *Antarctic Bibliography* effort is currently funded at about \$230K/year; sharing this load should not unduly burden anyone. I look forward to participating in any future discussion of this idea, and urge that it be pursued.

In my brief time as new head of the Cold Regions Bibliographies I have become very attached to the program, and welcome the challenge of keeping it up to speed and of seeking new ways to improve it. Any response from readers will be most appreciated.

Stuart G. Hibben is the new Head of Special Projects Section, Science & Technology Division, Library of Congress. He comes to this position with a strong background and experience with the Science and Technology Division. From 1977 to 1990 he was unit supervisor and section head, Federal Research Division, which reports on Soviet developments in critical technical areas for various Government clients and where he assisted in putting the Soviet Laser Bibliographies on-line. Prior to 1977, Mr. Hibben developed and started publication of the Bibliography of Soviet Laser Developments and supervised the publication of exploited Russian S & T materials in various formats while a project supervisor with Informatics, a database management firm in Rockville, Maryland.

Letters to the Editors

Val Galpin, former SPRI Librarian, writes:

Since leaving the SPRI in Summer 1988, I have been employed full time as the Managing Director of Photon Control Ltd, the company which my husband and I founded in 1983. We design, manufacture and sell sophisticated, precision positioning equipment for use in electro-optic and fibre-optic research. The company now has 45 employees and we export equipment throughout the world.

Although my new role might seem very different from my past life in librarianship, I find that many of the same organizational and people skills are required! I particularly enjoy the creativity of manufacturing and find the constant pressure of the business environment very stimulating. Every day brings new problems and opportunities which require decisions and action—there really is never a dull moment!

At home I am kept busy in the garden. We recently purchased six acres (2.5 hectares?) of the farm land which surrounds our plot and are now committed to a long term project converting an ex-wheatfield into a landscaped garden. In about twenty years we hope to open the grounds to visitors!

I'm sorry to say that I don't keep as close touch with my friends at the SPRI as I would really like to, but now and again we get together to exchange news and William updates me on "polar" friends around the world.

I hope that you are all healthy and happy and that maybe we'll meet again when the colloquy is next in Cambridge. Best wishes to you all.

Nita Cooke, former librarian of Boreal Institute Library, Edmonton, Alberta, Canada, writes:

I recently received a letter from Mr. R. C. Davidson inquiring about the availability of a copy of *The Exploration of Northern Canada 500 to 1920* by Alan Cooke and Clive Holland. This very valuable reference book was published in 1978 by The Arctic History Press in

Toronto in a limited edition of only 1100 copies. Mr. Davidson says in his letter that in checking with rare book dealers, only three copies have been available in the last 10 years and fetched up to \$300 for a copy. What may not be generally known is that the entries for this chronology were preliminarily published in 11 consecutive issues of *Polar Record* (v.15 #95 May 1970 to v. 16 #105 Sept. 1973). These entries do not have the bibliographic reference notations nor have the several indexes of the book, but nevertheless, are better than no substitute at all. If anyone is interested in contacting Mr. Davidson, his address is: P. O. Box 90244, Sioux Falls, S. D. , 57105, U.S.A.

Gordon H. Hills, author, writes:

A book, tentatively entitled "Native Libraries, A Sourcebook on Cross-Cultural Factors affecting Library Development in Native Areas of the Circumpolar North and North America", is to be published this year by Scarecrow Press. The geographical scope is circumpolar: Alaska, Canada, Greenland, Northern Scandinavia and the Soviet Union. I am soliciting black and white photos of Native library services, rural or urban, to illustrate the text. I will be glad to pay any fees for prints or negatives loaned, and will return them as soon as a copy has been made. Photo credits will be given, of course. We are under a deadline in the not too distant future, so please contact me in Bethel, Alaska as soon as possible if you

Change of Address

The DSIR Antarctic office, library and store is now located at the International Antarctic Centre, Ground Floor, Orchard Rd, Christchurch Airport. The postal address is: P. O. Box 14-091, Christchurch Airport, New Zealand, Telephone: (00 64 3) 358-0200, Facsimile: (00 64 3) 358-0211, Telex: NZ4432.

The Library has, for the first time, been able to bring the book, map and photographic collections together. The newly-expanded premises will help to reorganize and upgrade the collection and related services.

Canadian Circumpolar Library relocates

As of July 1, 1990, the Boreal Institute for Northern Studies at the University of Alberta ceased to exist and the Canadian Circumpolar Institute was created along with several administrative changes. The one of most interest to *Bulletin* readers is that the library (now renamed the Canadian Circumpolar Library) was moved to the basement of the Cameron Library on the University of Alberta campus and is now under the administration of the University Library. Robin Minion is still in charge of the collection.

have such photos available. Daytime phone: (907) 543-4504. Home phone: (907) 543-2060. FAX (907) 543-4527.

Polar Libraries Bulletin

Issue 39, Winter 1991

Formerly entitled *Northern Libraries Bulletin*, this is the third issue of the *Bulletin* which reflects the name change of the Northern Libraries Colloquy to Polar Libraries Colloquy which was approved at the June 1988 biennial meeting.

Editors: Nancy Lesh and Kay Shelton.

Published and distributed by the Alaska State Library, P.O. Box G, Juneau, Alaska, 99811-0571, U.S.A. (Telephone: 907-465-2926; FAX: 907-465-2665).

Deadline for our next issue is July 31, 1991.

Please send news items to: *Polar Libraries Bulletin*, c/o Nancy Lesh, University of Alaska Anchorage, 3211 Providence Drive, Anchorage, AK 99508, U.S.A. (Telephone: 907-786-1877; FAX: 907-786-1608).

Arctic Centre, Rovaniemi, Finland plans Arktikum House, organizes science committee

Arktikum House—an eternal light in the polar night in Rovaniemi, Finland is being built on the banks of the Ounasjoki in Rovaniemi and is to be completed for the 75th anniversary of Finnish Independence in 1992. Arctic Centre and the Lapland Provincial Museum are both to be located in Arktikum House. The Arctic Centre is a northern science centre. Administratively it is a special department of the University of Lapland. Arctic Centre has three main purposes.

First, it promotes and coordinates research into arctic regions. In this role, it attracts scientists, distributors and decision-makers to conferences, negotiations and symposiums.

Second, it provides modern information service for anyone requiring information about the research institutes, researchers and research in the arctic. The information service collects and maintains databases on arctic research institutions and arctic specialists. The information

service staff also collects a database of "Cold Climate Literature in Finland—1990".

The third purpose is the most visible to the general public, the exhibition and polarium theatre. The exhibition presents conditions in the arctic and northern areas,

arctic research methods, recent results and their implementation. The Centre shows the relationship between man and nature and various aspects of arctic culture. The Polarium auditorium has audiovisual facilities for congresses and other events.

International Scientific Advisory Committee of the Arctic Centre

The International Scientific Advisory committee of the Arctic Centre had their first organized meeting in Rovaniemi, October 29–November 2, 1990. The committee was composed of senior scientists from eight nations and given the task of advising and presenting recom-

mendations to the Executive Board of the Arctic Centre and the governing board of the University of Lapland. "Reports and Recommendations" of this committee will be published in the serial of Arctic Centre Reports. The next meeting of the Advisory Committee will begin April 22, 1991.

Improved access to oral histories made possible with computers

"Project Jukebox" applies new computer technology to preserve and improve access to more than 5,000 oral history tapes located in the Alaska and Polar Regions Department of the Elmer E. Rasmuson Library, University of Alaska, Fairbanks. Many of these tapes are valuable historical records of pioneers, Alaska Natives and political figures.

"Project Jukebox" will store the taped information in a long-life digital representation, and allow rapid interactive access to the audio recordings and to the associated information about the interviews. Hardware has been supplied by Apple Computer Company under its ALOT (Apple Library of Tomorrow program). Additional funding has been provided by the Center for Information Technology at the University of Alaska, Anchorage.

Yukon Archives opens new facilities next to Whitehorse campus

The new Yukon Archives facility was officially opened in October 1990. The \$4.439 million facility is next to the Whitehorse campus of Yukon College and the growing foundations of the Yukon Arts Centre. It is the first new archives facility to be built in any Canadian province or territory in the past 10 years.

The new facility offers researchers a spacious, quiet and bright research room; a separate reference room, featuring catalogues, reference tools and a full-time reference assistant; and meeting, training and lecture rooms for multi-use in public programming, film shows and displays.

Behind the scenes, the new archives features a 1,100 square metre storage vault, which has appropriate environmental controls and a halon system to ensure fire-proof storage. Hours are Tuesdays through Fridays from 9 a.m. to

9 p.m., and Saturdays from 10 a.m. to 6 p.m. Contact staff at (403) 667-5321.

Major collections held by the Archives include: White Pass and Yukon Route records, Yukon government records from 1898 through the 1950's, Chamber of Commerce records, former Yukon MP, Erik Nielsen's papers, the Van Bibber photograph collection, Yukon newspapers (more than 50 different mast heads), Taylor & Drury records (Mayo branch), Yukon Order of Pioneers records, the George Johnston photograph collection, and Yukon Sourdough Rendezvous records. Yukon Archives new accessions include 35, 8 X 10 copy photographs from Ken Andrews depicting aviation and army life in Whitehorse during 1944-45 (#90/53) and 102 black and white original photographs showing road and bridge construction during the building of the Alaska Highway. (#90/52).

(SPRI) Scott Polar Research Institute

By William Mills, SPRI

Despite cold winds blowing from Siberia, at just over 52 degrees north, Cambridge in the United Kingdom might appear an unlikely location for one of the world's largest polar libraries. Nevertheless Cambridge has become a major centre for polar studies with nine organizations with polar interests based in the city including the BIOMASS Data Centre, British Antarctic Survey, Cambridge Arctic Shelf Programme, International Glaciological Society, International Whaling Commission, Scientific Committee on Antarctic Research, Sea Mammal Research Unit, and World Data Centre C for Glaciology. To some extent all these organizations can be said to have been initially attracted to Cambridge by the prior presence here of the Scott Polar Research Institute and perhaps particularly by its splendid library.

The concept of the Scott Polar Research Institute (SPRI) as a specialist polar information centre to which all concerned with the polar regions could refer, was first developed in a conversation in 1912 between two members of Scott's second Antarctic expedition, Frank Debenham, who became SPRI's first Director, and Raymond Priestley. The Library has thus formed the Institute's focus since its foundation in the 1920's. Our ambition is to collect everything on every subject, regardless of language, relating to both polar regions and areas adjacent to them. (Since World Data Centre C for Glaciology (WDC-G) is based in the Library, we also aim to collect all literature, again regardless of language, relating to ice and snow.)

Comprehensive collection is an increasingly difficult objective to fulfill given the rapid growth in the quantity of material published. Inevitably we have been more successful in some areas than others. Glaciology and holdings relating to the Soviet North are particular strengths. In the latter we have been collecting on a systematic basis since the 1930's and have benefited greatly from the close personal contacts developed in the USSR by members of the Institute.

Outside these areas, I think it is fair to say that whilst other libraries may have stronger collections for particular geographical areas, SPRI still has the only polar library to offer balanced and comprehensive holdings for all polar areas including the Antarctic.

In addition to printed literature, SPRI also possesses an extensive archive of manuscripts. Scott's expeditions are naturally well-represented but there are also substantial holdings relating to the many expeditions sent out in search of Sir John Franklin through which much of northern Canada was discovered in the mid-nineteenth century; as with the collection of printed material, the manuscript collection attracts visiting scholars from all over the world.

Over the years, much thought has been devoted by my predecessors to the best means of organizing a polar collection which of its nature contains items relating to most subject areas and many geographical regions. Established classification schedules were tried but found inappropriate until the development of a polar schedule of the Universal Decimal Classification (UDC). This schedule remains the only classification scheme designed for the needs of polar libraries and has been adopted by many

libraries throughout the world, including most of the Antarctic base libraries.

The chief Library publication is *Polar and Glaciological Abstracts* (1990-), which contains abstracts of all important recently catalogued material. Abstracts are arranged by subject and each issue contains subject/geographic and author indexes which cumulate annually. Other publications include *Glaciological Citations*, a monthly current awareness bulletin, published by WDC-G and a new series, special topic bibliographies is currently under development. All publications are generated in camera-ready form from the SPRLIB bibliographic database which now contains over 40,000 records. Other databases include BRITAIN IN THE ARCTIC, a directory database of British research interests, and databases listing SPRI publications and recently received accessions. The latter lists material before addition to SPRLIB and can be used to generate various statistics for the purposes of library management.

One advantage of being based in Cambridge is that whereas we are unfortunately far from the polar regions, in compensation we are relatively easy to reach by visitors of all nations. Each year SPRI welcomes scientists and scholars

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Alfred-Wegener Exhibition in Bremerhaven, Germany

In September 1991 the Alfred-Wegener-Institute for Polar and Marine Research in Bremerhaven, Germany will exhibit documents and materials that illustrate the life and work of the famous German geophysicist and Greenland explorer Alfred Wegener (1880-1930). For the first time it will be possible to show documents and instruments that were collected in the former German Democratic Republic. This is where Wegener's family lived and where he made preparations for his first Greenland expedition (1906-08).

These materials are located in the Alfred-Wegener-Archive in Bremerhaven and other places in former West Germany. The exhibition will be shown to scientists from all over the world who will be visiting the Institute for two official meetings. It will also be shown to relatives of the participants of the last Wegener-expedition to Greenland in 1930/31. Alfred Wegener died on his way back from the central station "Eismitte", while trying to assist his companions.

Polar Databases accessible electronically

By Martha Andrews, *INSTAR*

Polar bibliographic information is accessible through a variety of electronic media or computer-based services. Remote access is achieved through the personal computer (PC), which can now also access information on CD-ROM.

Online access to polar bibliographic information has been available in some degree since the early 1970's through subject-oriented reference databases such as GEOREF and BIOSIS, from DIALOG and ORBIT. In the late 1970's some Arctic and cold regions databases became available online—COLD through ORBIT, ASTIS and BNT on QL Systems, and BOREAL through CAN/OLE. However, the need for special searching skills and the high cost of accessing these databases resulted in limited use, especially among academic users.

With the advent of the PC in the 1980's, access to commercial online databases became easier, and the PC with modem also opened the door to "free" use of some very large libraries' online public access catalogs (OPACs). The PC also allows access to computer networks and electronic mail services, such as OMNET/SCIENCEnet, which provide gateways to bibliographic databases.

Some half million bibliographic records are now available electronically to serve researchers, managers, and policy makers concerned with polar areas. These databases are described below, followed by an outline of the services through which they are provided.

DATABASES

■ **COLD:** File description/subject coverage: All aspects of snow, ice and frozen ground. Construction of buildings, railroads and hydraulic structures, drilling operations and other engineering tasks in cold regions, Ice breakers and ice navigation, Arctic ecology, especially its disturbance by human activities, all disciplines dealing with Antarctica, the Antarctic Ocean and Subantarctic islands. Sources are Library of Congress, Cold Regions Research and Engineering Laboratory, the National Science Founda-

tion and others. Monographs, technical reports, journal articles, conference papers, patents and maps produced worldwide. Wide coverage of Russian and other foreign material; Antarctic records have English abstracts. Inclusive dates: 1951-current. Updated frequency: for CD-ROM-twice yearly; for ORBIT-quarterly. File size: 147,000. Origin: prepared by the Science and Technology Division of the Library of Congress.

■ BOREAL NORTHERN TITLES

(BNT): File description/subject coverage: A comprehensive collection of indexes to articles covering the Arctic and Antarctic Regions and the North American north including Alaska and Canada, as well as Scandinavian countries, Iceland and Siberia. Emphasis is on Native peoples and the Canadian north. Sources are; KWIC (Key Word in Context) index to all periodical articles, government documents and newspaper headlines from the library's subscription holdings. Inclusive dates: January 1972-current. Update frequency: Irregular. File size: 182,100. Origin: Canadian Circumpolar Institute, University of Alberta, Edmonton, T6G 2G1, Canada.

■ **BOREAL:** File description/subject coverage: The collection is area-oriented, covering primarily the Canadian Western Arctic and Alaska, with secondary emphasis on the Canadian Eastern Arctic and the mid-Canada corridor and other circumpolar regions. Sources: Online catalogue of the Boreal Institute Library, monographs, theses, atlases, consultant reports, curriculum materials and grey literature. Inclusive dates: 1977-current. File size: 43,000. Origin: Canadian Circumpolar Institute, University of Alberta, Edmonton, Alberta, T6G 2G1, Canada.

■ **ASTIS:** File description/subject coverage: Multi-disciplinary Arctic bibliographic and research project database. The Oceanographic emphasis of ASTIS is on the Canadian Arctic and Canadian Arctic waters, but relevant material from other Arctic regions is also included. All subjects are included.

Sources: Arctic Institute Library collection; the University of Calgary Libraries, Pallister Resource Management Ltd., Northern Oil and Gas Action Program of Indian and Northern Affairs, Canada, Research project descriptions from the Science Institute of the NWT, the NWT Department of Renewable Resources and the Northern Heritage Center. Inclusive dates: 1980-current. File size: 29,000. Includes abstracts (usually by author). Origin: Arctic Institute of North America, University of Calgary, Calgary, Alberta, T2N 1N4, Canada.

■ **SPRI:** File description/subject coverage: Multi-disciplinary subject coverage reflecting that of current international polar and glaciological research. Specific strengths: anthropology, atmospheric chemistry and physics, climate change, cold regions engineering, exploration, geology, natural resources, oceanography, snow and ice issues, zoology. Sources: coverage, over 900 series, relevant books, reports and theses will also be listed. Inclusive dates: 1988-current. Update frequency: Quarterly? File size: 27,000. Origin: The Library, Scott Polar Research Institute, University of Cambridge, Cambridge, CB2 1ER, England.

SERVICES

■ **OMNET/SCIENCEnet:** Electronic Communications Network. Provides gateway service, on a subscription basis, to COLD, ARCTIC (aka ASTIS), and BOREAL. Complete descriptions and access instructions are available through "Compose manual." These surcharged databases require prior authorization. The NSIDC catalog of cryospheric data sets does not require a subscription. A bulletin board, POLAR, LIT, has been established for communication between providers and users of polar information. Several other bulletin boards of interest to the polar community are also provided. SNOW.ICE.DATA details data services of the National Snow & Ice Data Center, World Data Center for Glaciology.

Continued next page

DATABASES, continued

ICE.OCEAN reports on meetings related to sea ice or polar oceanography. ARCTIC.LOGISTICS lists information on current logistics capabilities and availability.

■ **QL Systems Ltd.:** Kingston, Ontario. K7L 1G1, Canada. With global database search capability researchers may combine databases and use one search strategy on ASTIS, BNT, SPRI (and also YKB-abstracts, articles, periodicals, theses and other publications pertaining to the Yukon, 5,247 records).

■ **Arctic and Antarctic Regions CD-ROM:** National Information Services Corporation (NISC), Suite 6, Wyman Towers, 3100 St. Paul St., Baltimore, MD 21218. At present includes the following databases: COLD, ASTIS, SPRI, CITATION (the online catalog of the WDC-A, Glaciology, Boulder, Colo.) and C-CORE (the online index from the Centre for Cold Oceans Resources Engineering, St. John's, Newfoundland).

■ **POLARPAC CD-ROM:** The CD-ROM product mastered by WLN contains a single file comprising both monographic and serial records. The monographic component is down-loaded from WLN (with components from OCLC and RLIN) and contains polar collections and/or entire library holdings of major Alaskan libraries, Dartmouth College Library and the Institute of Arctic and Alpine Research at the University of Colorado. The Serials component contains several thousand titles with holdings from 38 polar-oriented libraries worldwide. [Reprinted from ARCTIC RESEARCH of the United States. Vol. 4, Fall, 1990]

Database on CD-ROM

WLN is the host network for POLARPAC, a database of international polar regions information available on CD-ROM.

WLN is making copies of its database available to the general public on behalf of the polar library community. The price is \$250.00 with discounts available for multiple orders. Contact Ruth Brandis of WLN at (206) 459-6518 for additional order information.

Arctic & Antarctic Regions NISC DISC

By Fred Dürr, NISC Publisher

With 615,000 bibliographic records (most with abstracts or annotations), making it much more than just an international and multidisciplinary collection of polar databases, AAR is useful for research on cold regions anywhere in the world - from temperate regions with cold winters to the Himalayas of Tibet! AAR is the one-stop source of choice for polar librarians and scientists.

AAR is the largest collection of major databases, drawn from international sources, which has ever been assembled for access at one time. The first issue of AAR in 1989 had 140,000 records. The fourth issue scheduled for release in July, 1991 will have over 600,000 records with many enhancements to the software as well. Each of the following databases may be searched individually or globally:

- **ASTIS**—30,000 records.
- **COLD REGIONS BIBLIOGRAPHY**—165,000 records.
- **C-CORE**—25,000 records.
- **CITATION**—25,000 records.
- **SPRI**—40,000 records.
- **USGS**—over 12,000 sites and their elevations.
- **BOREAL**—45,000 records (to be added in July, 1991).
- **BOREAL NORTHERN TITLES**—250,000 newspaper captions and citations (to be added in July, 1991).

Also available separately for access from the same AAR CD-ROM is **AORIS**—Arctic and Offshore Research Information System, U. S. Department of Energy - over 16,000 abstracts and graphics associated with sea ice characteristics.

NISC welcomes any valuable contribution of polar records to the AAR CD-ROM whether they currently reside on any other in-house, online, CD-ROM service, or exist in electronic form for hard copy publication. NISC desires no rights of exclusivity, will license the data, and even pay royalties for valuable and significant contributions of data. The provider has no costs other than to send the data in electronic form to NISC and grant NISC non-restrictive publishing rights. In some instances, NISC may grant a discount on a subscription to the AAR CD-ROM in exchange for data or will provide a free copy on a publication exchange basis. Data may be supplied in any format from MARC to dBASE or word processing files as well as specialized in-house database formats maintained on mainframe computers. Data may be sent on 9-track tapes or any kind of diskette readable by DOS. To inquire about submitting your data for publication on NISC's AAR CD-ROM, please contact Fred Dürr, NISC, Suite 6, Wyman Towers, 3100 St. Paul St., Baltimore, MD 21218. Tel: (301) 243-0797 FAX: (301) 243-0982.

SPRI, continued

from all over the world. I hope that in the future there will be more polar librarians among them.

William Mills, SPRI Librarian since April 1989, was formerly an Information Specialist at Aston University with subject responsibilities initially for the sciences and then for business and management. While at Aston, in addition to the customary tasks of a subject librarian, he supervised a number of database design projects and database design is still very much an

interest. Prior to Aston, he worked for some years at the School of Geography of the University of Oxford publishing several papers on the history of ideas, including a study of Charles Darwin's contribution to glaciology. More recent publications include a book and several articles on the literature of artificial intelligence, and a directory and bibliography of British Arctic research. He has recently been appointed UK representative on the International Arctic Science Committee Working Group on Arctic Science Planning.

New Publications

■ 13th Polar Libraries Colloquy proceedings free of charge: Order copies from Liisa Kurppa, Librarian, ARCTIC CENTRE, University of Lapland, P. O. Box 122, 961201 Rovaniemi, Finland.

■ *Letteratura polare nel—Centro Documentazione Umberto Nobile? Una bibliografia su ricerche ed esplorazioni polari con aeroplani e altri mezzi di trasporto.* (Polar Literature in the—Umberto Nobile Documentation Centre) A bibliography on Polar research and exploration with airships and other means of transportation. Compiled by Gertrude Nobile Stolp. Museo Storico-Aeronautica Militare/Air Force History Museum. 00062 Vigna di Valle (Roma), 1990.

■ *La Civilisation du Phoque; Jeux, Gestes et Techniques des Eskimo Dr. Ammassalik.* Paul-Emile Victor et., Joelle Robert-Lamblin. Armand Colin, Raymond Chabaud, 103 boulevard Saint Michel, Paris V, France, 395F. (312 p., 700 dessins et croquis de Paul-Emile Victor).

■ *Current Antarctic Literature*, available free to working scientists, polar organizations and libraries. Request on your organization's letterhead from: Polar Information Program Room 620, National Science Foundation, Washington, D.C. 20550.

■ *Danish Polar Center Newsletter*, (ISSN 0106-1372), Danish Polar Center, 3, Hausergade DK-1128 Copenhagen K. Denmark, FAX int+45 33 13 49 76. Published twice a year.

■ *Russia in North America. Proceedings of the 2nd International Conference on Russian America., Sitka, Alaska*, August 1987., (1990) Edited by R.A. Pierce. The Limestone Press, Box 1604, Kingston, Ontario, Canada K7L 5C8 or U.S. Office, c/o Dept of History, University of Alaska Fairbanks, Fairbanks, Alaska, U.S.A. 99775-0860. U.S. \$45.00.

■ *Russian America: A Biographical Dictionary.* By Richard A. Pierce. The Limestone Press, Kingston, Ontario, Canada, and University of Alaska, Fairbanks (see addresses above), U.S. \$45.00. 500 Biographical Sketches of persons in pre-1867 Alaska.

■ *Journal of Northern Science.* Volume 4 will be published in November 1991. The Alaska Quaternary Center has taken over publication of the Journal. For further information, contact: Alaska Quaternary Center, The Museum, University of Alaska

Fairbanks, Fairbanks, Alaska, 99775, U.S.A.

■ *Alaska Place Names, Fourth Edition.* By Alan Schorr. Standard reference on new and revised place names for Alaska. Supersedes 1986 third edition. Paper. \$25 + shipping. ISBN 0-938737-25-2. The Denali Press, Box 021535, Juneau, AK 99802.

■ *Dictionary of Alaskan English.* Dr. Russ Tabbert. Words and meanings unique to or highly characteristic of the English used by Alaskans and about Alaska—regional dictionary of English "on historical principles." Paper \$47.50 + shipping. ISBN 0-938737-23-6. The Denali Press, Box 021535, Juneau, AK 99802.

■ *Science in Northwest Alaska: Research Needs and Opportunities on Federally Protected lands,* Alaska Quaternary Center. Occasional paper 1990, Price: \$5.00 (U.S.) plus \$3.50 for postage and handling. (address above)

■ *Meddelelser om Grønland (Reports on Greenland)* Edited by the Commission for Scientific Research since 1879. In 1979 it had reached 206 volumes covering all academic disciplines. From 1979 it was divided into 3 subseries, Geoscience, Bioscience and Man & Society. Danish Polar Center is making an effort to further the dissemination of this series by selling piles of 20-30 volumes at about \$50 hoping to make everybody aware of this polar scientific series, the oldest in the world. Subscriptions to the series as well as single issues are available. For libraries and researchers there is a discount of 10% on top of the low prices.

Contact the Danish Polar Center, 3 Hausergade, DK-1128 Copenhagen, Denmark, FAX int +45 33 13 49 76.

■ *Polar and Glaciological Abstracts*, the first specialist abstracting publication to offer comprehensive coverage of the literature of the polar regions. Published in January, April, July and October. Contact Cambridge University Press, The Edinburgh Building, Shaftesbury Rd. Cambridge, CB2 2RU, England. Phone (0223) 312393, FAX (0223) 315052, Telex 817256.

■ *Proceedings, Circumpolar Ecosystems in Winter.* Single copies will be available for \$22.50 (U.S.) to libraries and \$13.00 to individuals. Order from Editor, Arctic and Alpine Research, Campus Box 450 INSTAAR, University of Colorado,

Boulder, Colorado, 80309. Phone (303) 492-3765, FAX (303) 492-6388.

■ *Arctic and Global Change.* A 160 page book, based on the symposium of the same name held in Ottawa in October 1989. Editor of the proceedings is James A.W. McCulloch, retired Director General of the Canadian Climate Center. Order from the Climate Institute, Suite 402, Pennsylvania Ave. SE, Washington, D.C. 20003 (\$25 U.S. plus \$2 for postage and handling).

■ *Nordic Databases—Nordiska Databaser 1990*, a comprehensive directory of databases produced in Nordic countries is available for 220 FIM from SCANNET c/o Tekniska Hogskolans bibliotek, Otnasvagen 9, SF-02150 ESBO, Finland.

New titles from *University of Alaska Press*, 1st Floor Gruening Building, University of Alaska Fairbanks, Fairbanks, AK 99775-1580, Tel: (907) 474-6389.

■ *Mount McKinley, Alaska*, surveyed by Bradford Washburn. This large-scale (1:50,000) map of Mount McKinley in full color, reprinted by the Swiss Foundation for Alpine Research (Zurich) and the University of Alaska Press (Fairbanks) 1990, 5th edition, folded, \$12.00 unfolded/rolled, \$20.00, 1 sheet 30 x 32, scale (1:50,000).

■ *Guide to the Manuscript Collections at the University of Alaska Anchorage*, Dennis F. Walle and Carolyn J. Bowers, 1990, ISBN 0-912006-46-3, \$15.00.

■ *Rasmuson Library Historical Translation Series, Volume V, The Khlebnikov Archive*, Unpublished Journal (1800-1837) and Travel Notes (1820, 1822, and 1824), 1990, ISBN 0-912006-42-0, \$17.50.

■ *Kusiq; An Eskimo Life History from the Arctic Coast of Alaska*, by Waldo Bodfish, Sr., 1991, ISBN 0-912006-44-7, \$21.00.

■ *From the Writings of the Greenlanders: Kalaallit atuakkiannit.* Compiled, translated, and edited by Michael Frotescue. Illustrations by Aka Hoegh, 1990, ISBN 0-912006-43-9, \$22.95.

■ *Arctic Village: A 1930s Portrait of Wiseman, Alaska*, by Robert Marshall with preface by Terrence Cole and foreword by Margaret E. Murie., 1991, cloth, ISBN 0-912006-47-1, \$28.00 paper, ISBN 0-912006-51-X, \$20.00.

■ *The Sinking of the Princess Sophia: Taking the North Down With Her.* by Ken Coates and Bill Morrison. Published in the United States by the University of Alaska Press; in Canada by Oxford University Press. 1991, paper, \$12.95.

The Arctic Science and Technology Information System

by Ross Goodwin, ASTIS

The Arctic Science and Technology Information System (ASTIS) at the Arctic Institute of North America (AINA) completed two contract indexing projects during 1990. With funding from the Polar Gas Project, ASTIS added 256 additional Polar Gas technical reports to its database. These reports were part of a large report collection donated by Polar Gas to the AINA Collection in the University of Calgary Libraries in early 1990. ASTIS also completed a contract from the Circumpolar and Scientific Affairs Directorate in the Department of Indian Affairs and Northern Development to add all publications from the *Annotated Bibliography of Publications Based on Research* supported by the Northern Scientific Training Program, Volume 7, 1989 to the ASTIS database. All publications funded by NSTP grants since 1983 are now in ASTIS.

Work continues on a third project, funded by Esso Resources Canada Limited, to index approximately 1000 reports selected from a 2500 report collection donated to AINA by Canadian Arctic Gas Study Limited. Also awaiting indexing is a collection of 3300 scientific publications donated to AINA by the Polar

Continental Shelf Project, a federal agency which for thirty years has provided logistical support to researchers in the Canadian Arctic.

The big news on the products and services side of ASTIS was the release last summer of the second issue of the NISC Arctic & Antarctic Regions CD-ROM, containing ASTIS and five other polar databases. This CD-ROM has dramatically improved the accessibility of polar information.

ASTIS and the Canadian Circumpolar Library (CCL), with the support of other Canadian polar information centres, continue to plan for the creation of a Canadian Polar Information System (CPIS). A Workshop on Yukon Information and a CPIS held in Whitehorse in April 1990 has led to the creation of a Yukon Committee for a CPIS, and to the preparation by K-L Services of the report, "The Role of the Yukon in a Canadian Polar Information System." The report, available from the Yukon Science Institute, recommends the creation of a CPIS production centre in the Yukon. CPIS and CCL are currently analyzing the results of a survey of potential CPIS users in the third of a series of CPIS background

studies funded by the Circumpolar and Scientific Affairs Directorate. The legislation to create a Canadian Polar Commission, which is mandated to decide if and how a CPIS will be created, is expected to be passed by Parliament by the time you read this.

Plan now for the 14th Polar Libraries Colloquy

The 14th Polar Libraries Colloquy will be held in Columbus, Ohio, May 3-8, 1992. The Byrd Polar Research Center at The Ohio State University is the host. The theme for the 1992 Colloquy is "International Sharing of Polar Information Resources".

Any suggestions for topics for inclusion in the 14th PLC should be sent to Lynn Lay, the Program Director of the 14th PLC at Byrd Polar Research Center, The Ohio State University, 125 South Oval Mall, Columbus, OH 43210-1308, Telephone: 614-292-6715, FAX: 614-292-4697 or on OMNET at BYRD.POLAR.



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