The Council on Botanical and Horticultural Libraries, Inc.

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Number 44	Newsletter	June 1987

MINUTES OF THE 19TH ANNUAL MEETING, APRIL 22-24, 1987

President Geraldine Kaye called to order the first business meeting on April 23 in the auditorium of the North Carolina Botanical Garden. About twelve of the seventy members registered for the conference were first-time attendees, and were asked to introduce themselves.

The Secretary's minutes were approved as written and published in the Newsletter. Treasurer John Reed handed out copies of the report for the calendar year 1986 (see attached). He noted that CBHL began the year with a balance of $6,271.54, received during the year $7,391.48 income and had $4,821.50 expense, giving a balance at the end of December of $8.841.52. Mailing costs have been reduced, and transferring record keeping to a personal computer has also saved money. These steps have contributed to our healthy balance. The Treasurer's report was accepted as presented.

Membership chairman, Meryl Miasek reported that the membership rolls include 123 personal members, up 2 from 121 last yeat, and 61 institutional members as opposed to 56 last year. The complete membership list was mailed to all members last December, and additions and changes will appear in the Newsletter. A handsome new membership brochure was produced by John Reed and the New York Botanical Garden staff and sent to members. Members were reminded to take a supply to appropriate meetings where potential members might see them. Gerry mentioned the very sad loss during the past year of two of our long-time members, Bob Long in August and Dorothea Baschnagel in December. It was VOTED to accept the membership report.

Newsletter editor Bernadette Callery reported that three numbers of the Newsletter have been issued this year. She was very gratified by the information sent in response to the questionnaire and asked that the membership continue to send news on what's happening in their libraries and careers. Gerry thanked Bernadette and Enola Jane Teeter for their input.

Gerry brought us up to date on plans for a CBHL meeting at the International Botanical Congress this August. Judith Diment, who was going to organize the event, has had to resign her CBHL position because of her new job at the British Museum (Natural History) which is not in the Library. Gerry has taken over making arrangements and will attend the Congress and run the meeting for CBHL. The CBHL meeting will take place on July 30 from 8 to 10 P.M. in room 38 of the conference's convention center, on the same day as the symposium on Electronic Data Processing in Botany. Gerry will provide some background on what CBHL is and hold an extraordinary business

meeting, which could result in the formation of an European chapter, depending on the amount of interest shown.

Next year's meeting will be in Pittsburgh, May 18-20, 1987 and will be hosted by the Hunt Institute. Proposed tours include the Hunt Institute's Sixth International Exhibition of Botanical Art and Illustration, the Carnegie Museum of Natural History and Phipps Conservatory. Dormitory rooms will be available at Carnegie Mellon University. No definite decision was made on the professional seminar theme. We try to take advantage of the strengths of the host institution, so suggestions included botanical biography, botanical portraits, archives, exhibitions, conservation techniques or disaster planning. Laura Byers, Dumbarton Oaks, volunteered to help the Hunt staff organize the seminar program.

John Abbot, Chairman of the ALA committee which administers the Oberly Award, a biennial award to bibliographers in agriculture and related fields, was asked to give a brief history of the award. He reviewed some of the winners since it was established in 1921 to honor a USDA librarian (see below for a list of the publications recognized by this award) and announced that this year's winner is Agricultural women in rural development in Latin America, by Jacqueline A. Ashby and Stella Gomez. It was moved that CBHL donate $200 to the award, as we did last year. Discussion followed. In repsonse to a question about which other organizations, in addition to CBHL and the NAL Associates which contribute to the fund, John Abbot said that he had gone to other organizations this year to try and encourage contributions, but with no luck. He mentioned that they rarely received nominations for the award from librarians, even though the award is widely publicized. A copy of this announcement will be sent to the Newsletter. A member raised the issue that we should be supporting any group or bibliographer who indexes anemity horticulture literature, a sadly neglected area. John Reed acknowledged the gap, but mentioned CBHL's own series. Elizabeth Woodburn told of the generous triennial prize presented by the International League of Antiquarian Booksellers, who are always eager to learn of worthy candidates. Following the discussion, it was VOTED to donate $200 to the Oberly Award.

There has been a great deal of interest in CBHL's creating an appropriate memorial to Bob Long, a founding member and major contributor to the Council as editor of the Plant Bibliography series, office holder and general booster. Various ideas were proposed and Gerry appointed a committee, headed by Richard Isaacson, to meet and draw up a final proposal to present at the following day's meeting. Other members of the committee were Henry Norweb and Ina Vrugtman. Harry Lubrecht volunteered a $100 donation to any memorial fund that might be established.

Meryl Miasek's report on the status of the Plant Bibliography series followed. One of the next bibliographies to be published will be dedicated to Bob Long. Meryl agreed to chair an editorial board, the other members of whom will be the Executive Board of CBHL for the time being. Several bibliographies are in various stages of preparation. Meryl is working up guidelines for preparation of future issues in the series. Each bibliographer will have an editor to assist them. Meryl asked that anyone interested in serving as an editor for any of the bibliographies, or anyone with ideas for future topics, to write her. She proposed investigating computer software for inputting the text. CBHL might consider purchasing some demonstration disks and documentation to decide on the most useful kind of bibliographic software for this purpose. A count of those attending who had access to microcomputers showed 25 IBM-PC's, 2 Apples, 2 Macintoshes and 1 NBR. Elizabeth Woodburn recommended adding annotations to the bibliographies whenever possible. It was VOTED to accept the report of the Bibliographies Editor.

(Editor's note. Copies of the reports given at the professional seminar dealing with the use of microcomputers in libraries are attached.)

Past President Barbara Emerson was introduced and Gerry observed that there were about ten past presidents at this meeting. (Later, at the banquet, group photos were taken of our presidents.) Other announcements included the following. Last year, Ina Vrugtman had raised the question of a central repository for Index Semina and the two likeliest institutions were the New York Botanical Garden and the National Agricultural Library. NYBG has agreed to assume the role of depository. It is especially appropriate that these records of seed exchanges between botanic gardens and arboreta be archived at a botanic garden. A listing of the Index Semina collection at Dumbarton Oaks will be forwarded to New York. Solange Gignac reported progress on the meeting manual to aid future hosts and promised to have it ready by September. Richard Isaacson said he had gotten some responses to his questionnaire about the history of CBHL, but could use more comments. Gerry remarked that this would be a valuable document to take the IBC in Berlin. The business meeting was adjourned until the next day.

The first agenda item as the meeting reconvened was a report from the Bob Long memorial committee. The report of this ad hoc committee follows:

Charles Robert Long Award of Merit

"Bob Long was the esteemed head librarian of the New York Botanical Garden Library and a longtime member of C.B.H.L. His commitment to professional development, support of high library and bibliographic standards, interest in the collaborative efforts of libraries, and continued search for professionalism in librarianship inspire us to honor his memory with the Charles Robert Long Award of Merit. The Award recognizes: Outstanding contributions to C.B.H.L., meritorious service to C.B.H.L., outstanding publication or service in the fields of botanical/horticultural libraries or literature.

Administered: by a C.B.H.L. commmittee made up of the following: 3 appointed members, 2 ex officio members. The three appointed members shall be past officers of C.B.H.L. and shall be appointed when vacant by the current President of C.B.H.L. The appointed term will be for 5 years with reappointment permitted. (To establish rotating appointments, the first 3 appointments shall be made for terms of 1 five year appointment, 1 three year appointment and 1 two year appointment.) The two ex officio members of the committee shall be made up of the current President of C.B.H.L. and the current recording secretary. The senior or longest appointed member of this committee shall act as chair. The secretary is responsible for maintaining separate minutes for this committee which shall be kept separately from the minutes of other C.B.H.L. committees or boards.

Frequency: As this is an award of extraordinary merit, the framers of this award believe it should only be awarded from time to time at the discretion of the committee. The Award shall consist of: an honorary life membership in C.B.H.L., a framed award certificate, whatever else the committee deems appropriate for the designated recipient of the award. However, for consistency it is believed appropriate that monies/material gifts should be approximately equal for each award."

Norweb remarked that past officers of CBHL were preferred as committee members because of their broad knowledge of the organization through their own service, and that this award was not envisioned as being given annually, but on occasion as outstanding candidates who have served CBHL were identified. In response to

questions from the floor, it was affirmed that the memorial fund would not be dependent upon the contributions, but would be supported from the CBHL treasury. Other suggestions were made about a certificate and awards ceremony at an annual meeting which were well received, but referred to the memorial committee. Treasurer John Reed was asked how he would prefer to handle the fund, either as a line item in an existing account or as a separate savings account; he much preferred the separate account. A vote was taken on the first motion, which was the committee's report on the establishment of a Charles Robert Long Memorial Award, which was VOTED. This was followed by consideration of the motion to set up a separate memorial fund to support the award, which was VOTED. A motion was made that the membership instruct the Treasurer to contribute $500 from the CBHL treasury to the memorial fund in addition to the sum already pledged by Harry Lubrecht. Gerry made the following appointments to the Memorial Committee: Richard Isaacson, 5 year term; Jane Gates, 3 year term; Ruth Schallert, 2 year term. The two ex-officio members are the President and the Recording Secretary.

AABGA has expressed an interest in working more closely with us. We already are exchanging newsletters as a start. They suggested another joint meeting, such as the one in 1981; however, when Gerry and their executive secretary compared calendars, it became clear that the first possible time would be 1992! Meantime, we will make an effort to keep in closer touch through exchanges of speakers or articles in each other's newsletters. Gerry asked Ina to explore other ways of cooperation with AABGA and report at our next annual meeting.

Jayne MacLean, Secretary, in reporting on the election results, remarked that, as is usually the case with CBHL elections, there were two excellent candidates and the voting was close. Connie Wolf was elected Second Vice President. Gerry mentioned that next year there will need to be an election for a new Secretary to succeed Jayne, who will be leaving the position.

New Business. Elizabeth Woodburn has persuaded Timber Press to reprint Ulysses P. Hedrick's History of horticulture in America to 1860. They in turn asked her to provide an addendum of the horticultural literature from 1860 to 1920. Elizabeth asked her CBHL colleagues to send suggestions of that time period's most useful and most used works in their regional areas, including regional periodicals and major nurseries. Her deadline is September, so prompt help will be most welcome.

Announcements from the floor included a reminder from Laura Byers of a two-part symposium on Andrew Jackson Downing to be held in May at the Philadelphia Athenaeum and Dumbarton Oaks. Richard Isaacson reported that the Andersen Horticultural Library of the University of Minnesota has raised the needed funds to begin construction of an addition which will double the size of the library. Brenda Weisman noted that Brooklyn Botanic Garden's new educational conservatory complex is proceeding on schedule and that if all goes as planned, renovation of the library will eventually follow. The New York Botanic Garden is also working on a new herbarium, which according to John Reed, will house the library and herbarium, however, more funds must be raised before plans are realized. An exhibition entitled "Art in the Science of Botany" was mounted at the Garden two years ago, and arrangements have been made to send it out as a traveling exhibition beginning next spring. The National Agricultural Library has recently inaugurated its new Special Collections Reading Room with a symposium, at which one of the invited guest speakers was Elizabeth Woodburn. NAL Director Joe Howard hosted a luncheon during that symposium in honor of Elizabeth.

Places and dates for the next Annual Meetings are: May 18-20, 1988 in Pittsburgh (Hunt Institute); 1989, St. Louis (Missouri Botanical Garden and please send date suggestions to Connie Wolf); 1990, Phoenix (Desert Botanic Garden); 1991, New York (New York Botanical Garden and the Brooklyn Botanic Garden).

Gerry offered our most heartfelt thanks to host Bill Burk and co-host Jeffrey Beam, as well as their sponsors and contributors, for a wonderful conference. She suggested that their excellent arrangements be incorporated, step by step, into the new meeting manual. Gerry then officially passed the job of president over to Meryl Miasek.

Meryl thanked Gerry for a presidency undertaken under adverse circumstances and carried on successfully through an unusual two-year term--an outstanding contribution. The final business meeting was adjourned.

Respectfully submitted, Jayne T. MacLean, Secretary

GARDEN CONFERENCE

The Civic Garden Centre in Toronto will be holding its second Great Gardening Conference from October 18 to October 18, 1987. Speakers will include Penelope Hobhouse, Christopher Grey-Wilson, Raymond Evison, James Van Sweden, Pamela Harper, Jim Archibald, Allen Lacy, Stephen Lacey and Allen Paterson. The cost will be $125.00, with dinners extra.

For further information, please contact the Civic Garden Centre, 777 Lawrence Ave. E., Don Mills, Ontario M3C 1P2 Canada. Phone: (416) 445-1552.

SOCIETY FOR THE HISTORY OF NATURAL HISTORY NORTH AMERICAN MEETING

The third North American meeting of the Society for the History of Natural History will be held in Raleigh, North Carolina, October 30, 1987. This meeting will be held concurrently with a joint meeting of the History of Science Society and the Society for the History of Technology, scheduled for October 29-November 1. The theme of the meeting will be "Natural History in the American South." Nine papers dealing with that theme will be presented.

All North American members of SHNH will receive a copy of the registration form for the three-society conference. Those wishing to attend only SHNH events may have the opportunity to pay a smaller fee. Those interested in attending should contact William A. Deiss, North American Representative, Society for the History of Natural History, Smithsonian Institution Archives, Washington DC 20560.

Speakers for "Natural History in the American South" are: Lester Stephens (University of Georgia) "John McCrady, Pioneering Embryologist in the Old South"; Charlotte Porter (Florida State Museum) "Nature's Garden: William Bartram and American Natural History"; Albert Saunders (Charleston Museum) "The Charleston Museum and the Promotion of Science in Ante-Bellum South Carolina"; Ronald S. Wilkinson (Library of Congress) "John Abbot and His Contributions to Smith and Abbot, The Natural History of the Rarer Lepidopterous Insects of Georgia, (1797)"; Tamara Haygood (University of Texas) "The Changing Nature of Botanical Work in the South"; Eloise F. Potter (North Carolina Museum of Natural Sciences) "Taxidermy Without a Teacher: The Life and Times of H.H.Brimley"; Charles Boewe (Filson Club) "The Fugative Publications of C.S. Rafinesque"; Marcus Simpson (George Washington University) "The British-American

Connection in Artists-Naturalists of the American Southeast"; Ron Vasile (The Chicago Academy of Sciences) "The Gulf Coast Explorations of William Stimpson."

EXHIBITIONS

Brooklyn Botanic Garden's Cranford Rose Garden opened June 4. This year, celebrating its 60th anniversary, it is one of the largest rose gardens in the country with over 6000 bushes of nearly 1000 different varieties. Floribundas, grandifloras, climbers, ramblers, wild roses, hybrid teas, old fashioned and miniature roses bloom profusely here June through October. Brooklyn Botanic Garden is located at 1000 Washington Ave., Brooklyn. Call (718) 622-4433 for more information.

The Hunt Institute will exhibit the SITES exhibition "Mouton Rothschild: paintings for the labels", from November 9 to December 20 1987. This unusual show includes the original paintings by such artists as Georges Bracque, Salvador Dali, Robert Motherwell and Andy Warhol and the accompanying wine labels designed for the wines of Chateau Mouton Rothschild. An illustrated catalogue by the Baroness Philippine de Rothschild, daughter of Baron Philippe de Rothschild who began the tradition of commissioning artists to design the labels, accompanies the exhibition. For further information on the show while at the Hunt Institute, please call (412) 268-2434.

GARDEN TOUR

The American Horticultural Society is sponsoring a trip to the gardens of the Riviera and Burgundy September 19-October 3, 1987. Tour leader will be Richard Hutton, Board member of the AHS and president of Conard-Pyle/Star Roses. For further information, please contact the American Horticultural Society, P.O. Box 0105, Mt. Vernon, Virginia 22121.

FLORA OF NORTH AMERICA

The Missouri Botanical Garden announced the launching of a major project to catalog the plants of North America north of Mexico. The project, called Flora of North America, will for the first time provide full descriptions and range distributions for the plants of the United States, Canada, Greenland, Saint Pierre and Miquelon. Completion of the project is expected to take 12 to 13 years.

Initial planning for this project began in 1982 and has been carried out by a consortium of institutions. The Missouri Botanical Garden serves as the organizational center, and editorial committee members are stationed throughout the United States and Canada. The Flora of North America will be available both in publication format and as a computerized database. The first volume, containing information on ferns, conifers and their relatives will be completed in 1989.

BOTANICAL BULLETIN BOARD

The Clinton Herbarium in Buffalo, NY, offers collection-oriented botanists an opportunity to communicate informally, sharing data-intensive textual information and computer programs in an online, symposium-style environment. TAXACOM is optimized for IBM-PC standard, MS-DOS software operating on an IBM-PC or IBM-PC compatible microcomputer. It is intended as an alternatative to the monolithic databank. For further information, and to contribute text files or programs, contact editor R. Zander at (716) 896-5200 or send a 5.25-inch diskette (any format, including Apple, but MS or IBM DOS preferred). The journal FLORA ONLINE, an electronic journal for formal

scientific works, is restricted to data-intensive, original works (suitable for computer searching with a word processor or text data manager) or computer programs presenting new scientific information (at least in associated data files) or dealing with important botanical topics. Contact Richard Zander or Pat Eckel, Buffalo Museum of Science, Humboldt Park, Buffalo, NY 14211.

NEWS FROM MEMBERS

Rosalind Walcott, Earth and Space Sciences Librarian at State University of New York, Stony Brook, received the George Virgil Fuller Award at Columbia University's Commencement on May 13, 1987. The Fuller Award is given to the Doctorate in Library Science candidate who "shows both high achievement on the comprehensive examinations and competence in planning a dissertation designed to make a significant contribution to library literature."

Peter H. Raven, director of the Missouri Botanical Garden, has been named to the Global 500 by the United National Environment Programme (UNEP). The Global 500, an environmental honor roll, was inaugurated this year to celebrate June 5, World Environment Day. A botanist who has been a strong advocate for conservation in developing tropical countries, Raven was selected for exemplary work in preservation and sustainable development of the global environment.

Gerard McKiernan, formerly Museum Librarian at the Carnegie Museum of Natural History Library in Pittsburgh, has joined the science reference staff of the Iowa State University Library at Ames, Iowa.

The Prints and Photographs of the Library of Congress has received a collection of 8,000 photographs and documents relating to historic buildings and artifacts in the state of Missouri, a gift from Charles Van Ravenswaay and photographer Alexander Piaget. Work on the collection began in 1931 with recognition of the need to document the vanishing buildings and artifacts of the American frontier. An estimated 80% of the sites represented have been destroyed or substantially altered in the past 50 years.

After 16 years at the Hunt Institute, Bernadette Callery has accepted a newly created position of Research Librarian at the New York Botanical Garden Library. Charlotte Tancin, the Institute's Assistant Librarian since 1984, will become Librarian upon Bernadette's departure in late July.

GRANT RECEIVED

The Hunt Botanical Library, Hunt Institute for Botanical Documentation announces receipt of a grant of $12,268 from the State Library of Pennsylvania with funds provided by the federal Library Services and Construction Act, Title III. These funds will be used to convert portions of the Library's card catalogue into machine-readable form and to make its holdings available for resource sharing by contributing this information to the OCLC database. Approximately one-quarter of the collection is to be converted at this time, including the floristic and systematic literature, the essential material of taxonomic botany.

JOB OPENINGS

The University of Maryland College Park Libraries is recruiting for the position: Associate Librarian II, Bibliographer for Life Sciences. Responsibilities will include developing library collections in: Animal Sciences, Botany, Zoology, Biology and

Agricultural Sciences. The MLS from an ALA-acredited program is required. Salary: $21,428 minimum. For more information please contact: Virginia Sojdehei, Personnel Librarian, McKeldin Library, University of Maryland, College Park, MD 20742. Telephone: (301) 454-4132.

AGRICULTURAL INFORMATION RESOURCE CENTERS: A WORLD DIRECTORY

Sponsored by the International Association of Agricultural Librarians and Documentalists (IAALD), this new directory is targeted for publication in 1988. It is being edited by four U.S. agricultural librarians. IAALD sponsored a similar edition in 1960. This new, expanded directory is designed to provide one-source, up-to-date information on collection development priorities, cooperative resource sharing programs, and participation in local, regional, national or international networks for agricultural libraries and information and documentation centers around the world. To be included in the directory, a library must own a minimum of 500 titles related to a broad range of agricultural subject areas, including: agriculture, agribusiness, agricultural economics, agricultural engineering, animal science, crop science, entomology, fisheries, horticulture, plant and animal biotechnology, plant pathology, plant protection, range management, sericulture, soil science and veterinary medicine. To be excluded from the directory will be libraries collecting exclusively in the areas of food and human nutrition.

The editors would appreciate receiving the names and addresses of facilities which might appropriately be included in this directory. For information, comments, or suggestions, contact Carol Boast, Agriculture Library, 226 Mumford Hall, 1301 W. Gregory Dr., Urbana, IL 61801. Phone: (217) 333-9593.

NEW ORGANIZATION

The Society for the Preservation of Natural History Collections is a multidisciplinary organization composed of persons who are interested in the development and preservation of natural history collections. Natural History collections comprise specimens in the fields of anthropology, zoology, botany and geology and supporting documentaiton, such as audio-visual materials, labels, library materials, field data and similar archives. Preservation refers to any direct or indirect activity providing continued and improved care of these collections and supporting documentation. The Society publishes a biannual journal called "Collection Forum." Membership is open to individuals and dues are $12.00 (U.S.) per year. Contact SPNHC, Box 6520, Sta. J, Ottawa, Ontario Canada K2A 3Y6

OBERLY AWARDEES

The following works have received the Oberly Award. The first date is the year of the award, the second the date of publication. 1941, A bibliography of eastern Asiatic botany by E.D.Walker (1938); 1943 (no award given); 1945, Geographical guides to the floras of the world by S.F. Blake (1942); 1957, A bibliography on the avacado; 1961, A botanical bibliography of the islands of the Pacific by E.D.Walker (1947); 1965, A selected guide to the literature of the flowering plants of Mexico by I.K. Langman (1964); 1967, An annotated bibliography of Mexican ferns by G.N. Jones (1966); 1969 (no award given); 1977, Bibliography of plant viruses and index to research by H.P.Beale (1976); 1979, Turfgrass, bibliography from 1672 to 1972 by J.B. Beard (1977); 1981, Yellow-poplar: an annotated bibliography by R.E.Schoenike (1981); 1983, Guide to sources in agriculture and agricultural and biological research by J.R.Blanchard (1981); 1985, Herbs: an indexed bibiliography by J.E.Simon, A.F. Chadwick and L.E. Croker

(1985); 1987, Agricultural women in rural development in Latin America by Jacqueline Ashby and Stella Gomez.

BOOKS REQUESTED

We have heard from a volunteer with the Cape of Good Hope Foundation, an organization which supports the University of the Western Cape in South Africa. She is trying to obtain donations of runs of botanical and horticultural journals and books for the University. Materials collected will be shipped sea rate (shipping to be paid for by the Foundation) and donations will be tax deductible. For further information, please write Joanne E. Baker, 6036 Graciosa Drive, Hollywood, CA 90068.

BOOK AVAILABLE

The Michigan 4-H Foundation has received a copy of John Parkinson's Theatrum botanicum, London, 1640 and offers it for sale for $1,000. The work is listed as having covers detached and few light stains. The book was donated with the specific intention of selling to generate funds for the initiation of a 4-H herb gardening project. The study of herbs is one component of a large 4-H horticulture program serving 35,000 Michigan young people and the money from the sale of this book and private gifts will make possible a 4-H publication on herb gardening, preparation of audiovisuals on herbs and sponsor training to 4-H'ers and volunteer leaders throughout Michigan. The buyer will be listed as a sponsor of the project. For more information, please contact Jane L. Taylor, Director, Annual Gift Programs, Michigan 4-H Foundation, 4700 South Hagadorn Road, Suite 220, Hannah Technology and Research Center, East Lansing, Michigan, 48823-5399.

HORTICULTURAL VIDEO

"A short course on ferns" is available from Sue Olsen, Foliage Gardens, 2003 128th Ave., S.E., Bellevue, WA 98005 as a one hour narrated video tape (VHS format) with 159 slides illustrating over 100 fern species and varieties in their natural habitats or in cultivation in West Coast gardens. The emphasis is on hardy ferns, but the presentation includes rock garden, dryland species, tropicals from Trinidad and traditional house plants. The price of $32.50 includes postage.

PUBLICATIONS ANNOUNCED

Notices of books received from Timber Press will appear in the next issue.

New Jersey Directory of Gardens and Horticultural Destinations, a guide to over 90 gardens is available from Somerset County Park Commission, Horticultural Department, ATTN: Garden Directory, RD No. 2 Layton Road, Far Hills, NJ 07931 for a cost of $3.00 per copy, postpaid. Make checks payable to Somerset County Park Commission. New Jersey Gardens, a handy guide to over 90 gardens, ranging from small herb gardens to estate gardens, now operated as botanic gardens and arboreta, to natural areas with wild flowers and plants of horticultural interest is available free from the New Jersey Department of Commerce and Economic Development, Division of Travel and Tourism, CN 826, Trenton, NJ 08625.

Humanities Press announces its Gardening in the Middle East by Eric Moore (ISBN: 0-905743-49-0). The work includes an alphabetical plant encyclopedia with entries for nearly 350 plants which flourish in that climate, with cultivation information and lists by function and attribute. The work sells for $35.00 but is offered to botanical and

horticultural libraries for $29.75. To order, write Humanities Press International, Inc., 171 First Ave., Atlantic Highlands, NJ 07716.

An exhibition catalog to accompany the recent show of paintings of vegetable markets and kitchen pieces by Joachim Beuckelaer and contemporaries exhibited at the Museum Van Schone Kunsten in Gent, Belgium is available for about $30.00. The catalogue is illustrated with a Dutch text. For copies, contact the Museum Van Schone Kunsten, Citadelpark, 9000 Gent, Belgium.

A magnificent collection of botanical books, being the finest colour-plate books from the celebrated library formed by Robert de Belder, the catalogue for the 27-28 April 1987 sale, is available from Sotheby's, 34-35 New Bond St., London W1A 2AA for £30.

The Long Tradition: the botanical exploration of the British Isles, edited by Henry J. Noltie is available for £20.00. The volume includes papers presented at a conference on botanical exploration held in 1986 in Edinburgh, jointly sponsored by the Botanical Society of the British Isles, the Botanical Society of Edinburgh and the Society for the History of Natural History. Send prepayment to The Editors, the Scottish Naturalist, Scottish Natural History Library, Foremount House, Kilbarchan, Renfrewshire PA10 2EZ Scotland.

The Royal Horticultural Society exhibition catalogue "The Glory of the Garden" is available for £10.00. Please send prepayment to RHS Enterprises Ltd., RHS Garden, Wisley, Woking, Surrey, GU23 6QB Great Britain.

Judith Leet's Flowering trees and shrubs, the botanical paintings of Esther Heins, published in 1987 and available for $29.9 from Harry Abrams (ISBN: 0-8109-0940-5) has color reproductions of 68 watercolors of flowering trees and shrubs, arranged by time of flowering. The accompanying text includes some description, remarks on plant introduction and plant lore. There is a bibliography.

Two interesting works on paper made from plant fibers, both by Lilian A. Bell, are Plant fibres for papermaking, $19.00 and Papyrus, tapa, amate and rice paper: papermaking in Africa, the Pacific, Latin America and Southeast Asia, $22.00 are available from Liliaceae Press, 1970 S. Davis St., McMinnville, Oregon 97128.

The 1988 Rose Calendar will be available by October 1987, with text and photography by Ray Reddell, author of Growing good roses. The minimum order of 10 copies will have a unit cost of $7.77. For further information and quantity discount schedules, please contact Ron Fouts, Garden Valley Publishing, 498 Pepper Road, Petaluma, CA 94952.

NEW MEMBERS AND CORRECTIONS

Beginning with this issue, the Newsletter will carry additions and corrections to the recently distributed List of Members.

Elizabeth W. Buss, Assistant Librarian, Garden Center of Greater Cleveland, 11031 East Boulevard, Cleveland, OH 44106

Beth Clewis, 918 Monmouth, Apt. 4, Durham, NC 27701

William W. Collins, Kingwood Center, 900 Park Ave., West, Mansfield, OH 44906

Barbara Emerson, 209 Deepwood Rd., Chapel Hill, NC 27514

Barbara Hedges, Reference Department, D.H. Hill Library, North Carolina State University, Box 7111, Raleigh, NC 27695-7111

Myron Kimnach, 1600 Orlando Rd., San Marino, CA 91108

Ann H. King, P.O. Box 12396, Gainesville, FL 32604

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Sue Lathrop, AABGA Newsletter, P.O. Box 206, Swarthmore, PA 19081

Patricia Ledlie, Box 90, Bean Rd., Buckfield, ME 04220

Seyla Martayan, Martayan Lan Inc., 36 West Nineth Street, New York, NY 10011

Alan Meckler, Meckler Corporation, 11 Ferry Lane West, Westport, CT 06880

Gretl Meier, 774 Santa Ynez, Stanford, CA 94305

Pamela E. Puryear, Director, Tobacco Literature Service, 2314 D.H. Hill Library, Box 7111, North Carolina State University, Raleigh, NC 27695-7111

Jane W. Robie, 83 Exeter Road, North Hampton, NH 03862

Susan C. Whitmore, National Agricultural Library, Room 111, Beltsville, MD 20705

Gail L. Wilson, 6421 NW 32nd St., Gainesville, FL 32606

Judith B. Wood, University of North Carolina, Chapel Hill School of Library Science, 100 Manning Hall 026A, Chapel Hill, NC 27514

James Wright, 11 Ferry Lane West, Westport, CT 06880

CHANGES AND CORRECTIONS TO MEMBERSHIP LIST

Alan Eddy, 110 Marvel Road, New Haven, CT 06515

Anita L. Karg, Hunt Institute for Botanical Documentation, Carnegie Mellon University, Pittsburgh, PA 15213

Jayne T. MacLean, National Agricultural Library, USDA, Room 111, Beltsville, MD 20705

Julie O'Shea, Librarian, Worcester County Horticultural Society, 30 Tower Hill Road, Boylston, MA 01505

Mary Lou Wolfe, 337 Barren Hill Road, Conshonocken, PA 19428

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EDITORIAL COMMITTEE FOR CBHL NEWSLETTER

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MEMBERSHIP

Membership in the Council on Botanical and Horticultural Libraries is open to botanical and horticultural libraries of both public and private institutions. Individual memberships are available to anyone interested, particularly librarians and persons from the horticultural and botanical professions. Institutional membership is encouraged and is open on a world-wide basis to botanical and horticultural libraries of any size.

Annual dues are $50.00 for institutional members and $20.00 for individual members.

Applications for membership should be directed to John F. Reed, Treasurer. Checks should be made payable to: The Council on Botanical and Horticultural Libraries, Inc.

ASSISTANT LIBRARIAN, Hunt Institute for Botanical Documentation, Pittsburgh.
Duties: original cataloguing, reference, interlibrary loan, serial and exchange records, supervise student workers; also work in retrospective conversion project (OCLC). Required: ALA-accredited MLS degree, good communication skills. Desirable: cataloguing and reference experience, some background in botany or biology, reading competence in a foreign language.

Position available 1 September, 1987. Salary $16,000 - $18,000, depending upon qualifications. Good benefits. Send application letter, resume, and names, addresses and telephone numbers of three people whom we can contact for references to: Charlotte Tancin, Library Search Committee, Hunt Institute, Carnegie Mellon University, Pittsburgh, PA, 15213. Carnegie Mellon University is an affirmative action/equal opportunity employer.

WANTED

Lisa Martin, Library Aide at the Holden Arboretum, 9500 Sperry Road, Mentor, Ohio 44060, is seeking the following periodicals to complete volumes for binding. If you have copies you can spare, please contact her.

J. ARNOLD ARBORETUM

vol. 42, Nos. 2 and 3 (1961)
vol. 43, Nos. 2 and 4 (incl. index) (1962)
vol. 45, Nos. 3 and 4 (incl. index) (1964)
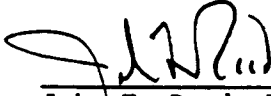vol. 51, Nos. 1 and 4 (incl. index) (1970)
vol. 56, No. 3 (1975)

ARNOLDIA

vol. 10, No. 5; index (1950)
vol. 11, index, title sheet (1951)
vol. 19, Nos. 3-7 (1959)
vol. 34, index (1974)
vol. 46, No. 3 (1986)

ARNOLD ARBORETUM BULL. OF POPULAR INFORMATION

1924: No. 2
1928: Nos. 1-17
1929: Nos. 10, 13-18; index
1933: Nos. 1-11 and index
1937: Nos. 1, 3-12; index
1938: Nos. 3-4, 11-12
1939: Index

The Council on Botanical & Horticultural Libraries, Inc.
Financial Statement
Calendar Year
1986

	Checkbook	Savings Account	Money Market	Total
Balance January 1, 1986	$3,288.90	$101.99	$2,880.65	$6,271.54

Income

	Checkbook	Savings Account	Money Market	Total
Membership				
Personal (1986)	$2,285.00	$ 40.00	$ 200.00	$2,525.00
Institutional (1986)	2,680.00	50.00	150.00	2,880.00
Personal (Advance or Overdue)	20.00		290.00	310.00
Institutional (Advance or Overdue)	50.00			50.00
Publication Sales	466.50		131.75	598.25
Interest			174.86	174.86
1986 Conference Balance	793.37			793.37
Mailing List Sales			60.00	60.00
Total Income	$6,294.87	$ 90.00	$1,006.61	$7,391.48

Expense

	Checkbook	Savings Account	Money Market	Total
Printing - Membership mailings (1985)	$1,236.06		$	$1,236.06
Printing - Plant Biblio. #6	1,700.00			1,700.00
Postage (1985)	1,047.79			1,047.79
Supplies (1985)	25.00			25.00
Labels & Other Expenses	508.15			508.15
Refunds - Incorrect dues payment	25.00			25.00
Refunds - Publications	5.50			5.50
Transportation - Secretariat Winter Mtg.	273.00			273.00
Bank debit - Currency Exchange			1.00	1.00
Total Expense	$4,820.50		$ 1.00	$4,821.50

| Balance Forward - December 31, 1986 | $4,763.27 | $191.99 | $3,886.00 | $8,841.52 |

John F. Reed, Treasurer
April 15, 1987

AGRICOLearn is an interactive computer-videodisc system developed for the purpose of training and assisting a variety of audiences in the understanding and use of online databases in general, and the AGRICOLA database in particular.

I would like to tell you briefly why AGRICOLearn is being developed, who is developing it, how they are doing so, and what the training program contains. Then I will show you some of the video portion of the course.

PROBLEM STATEMENT:

The National Agricultural Library in Beltsville, Maryland produces AGRICOLA, a machine-readable online computer database composed of approximately 2.6 million bibliographic references to literature on all aspects of agriculture. It is available through the database vendors DIALOG and BRS and is available on compact disk.

With existing training programs we can train a maximum of 120 people at the Library each year on how to search AGRICOLA. However, the database contains a wealth of information available to students and professionals in a variety of fields including information service, agricultural sciences, natural sciences, nutrition and health. Therefore, the National Agricultural Library management staff decided to explore new technologies as a means to augment the current training program. Several objectives of the new program were:

1. to provide understanding of and ability to use at various levels the AGRICOLA database online in DIALOG and in BRS

2. to provide an understanding of online database systems in general and the ability to use and search them

3. to provide a system for instruction and training at the local site in academic, industry, government or other libraries where searches of online database systems are likely to be performed

4. to develop a wider audience of database searchers such as:

a. research staff in agriculture and related fields, who may be new to the use of AGRICOLA, or new to DIALOG or BRS, or in need of a quick reference of refresher on how to search AGRICOLA

2. land-grant universities and other agricultural or natural sciences institutions which wish to provide their students and faculty with the capability of using a wide variety of information sources, specifically online databases

3. government agencies and professional associations or special interest groups needing information on agriculture related issues, requiring use of online databases

4. reference and information specialists wishing to expand their sources to include AGRICOLA and other online databases

5. state and county extension offices needing information to answer agricultural questions or find solutions to problems

6. farmers who own their own computers and utilize online servies who might benefit from learning about online databases and how to use them

7. colleges of library and information services who need to instruct their students in a broad range of online systems and databases and serach strategies to use them

And Finally

5. to provide an introduction to and understanding of new and innovative technology for instruction and training.

COMPUTER-BASED INTERACTIVE VIDEO:

An analysis of the audiences shows that the training needs to be flexible enough to meet the different needs of users with varying levels of experience using computers, online databases, and AGRICOLA. Since this training is aimed at an adult audience, the training must also be adaptive to the individual learners' needs and allow a high degree of learner control over the path that will be taken through the instruction. Because of the flexibility required of this training and the desire to introduce new technologies, computer-based interactive video was chosen as the medium for the course.

Computer-based interactive video is a combination of the computer's ability to branch to any area of a program for users of differing levels of expertise, provide immediate and individualized feedback and memory capacity for tracking students as they progress through the instruction integrated with the laser optical disk, with which one can randomly access a mixture of still visual images, live and animated motion images, graphics, and text, as well as dual audio tracks. The audio tracks can be accessed independently of video for voice over computer graphics or for stereo sound. The combination of the individual focus and flexibility of computers coupled with the impact of the videodisc's images and sound, provides a very versatile instructional medium for use either on an individualized basis, or by an instructor to assist in teaching.

COOPERATIVE AGREEMENT:

The Library therefore entered into a cooperative agreement with the University of Maryland's, Center for Instructional Development and Evaluation (CIDE) for the production of such a system. CIDE designed and is producing the AGRICOLearn instructional course using the IMSATT authoring system, a microcomputer-based system for developing and delivering interactive graphic and videodisc programs.

Also included in the Cooperative Agreement between the Library and CIDE were the University of Maryland's College of Library and Information Science to give advice on how to approach the teaching of online database searching, and several Colleges of Agriculture which agreed to be test sites for the project.

The Library's role in the project was to provide the funding and to provide technical review of the materials dealing with command language and AGRICOLA database information.

SCOPE OF COURSE:

The AGRICOLearn course serves as an independent stand-alone instructional system or it may also be used by an instructor, calling on any part of the course or directly accessing images from the disk. The students may choose and access only those parts of the program they need, or proceed through a well-planned instructional module, including reviews and tests. This design plan is structured to allow entry into the training from virtually any point. The system will provide easy-access to specific lessons and units for users who know what they need to learn, as well as provide guidance to those who need direction in their learning.

The course will provide information and practice in searching the AGRICOLA database which serves as a model for searching other databases. It is organized into modules or chapters with the following headings:

  Chapter 1: Introduction to AGRICOLearn

  Chapter 2: Personal Assessment

  Chapter 3: Databases in General

          Introduction to databases
          How information is stored and retrieved
          The communications links
          Agricultural online databases

  Chapter 4: Search and Retrieval Strategies

          Overview of online searching
          Elaborating key concepts
          Strategies for high recall
          Advanced techniques for efficient searching

  Chapter 5: AGRICOLA database

          History
          Subject access
          Anomalies

  Chapter 6: DIALOG and BRS Commands

  Chapter 7: Simulation of Online Searching

INDEX/GLOSSARY

These chapters can be used in any sequence or combination, but there is a recommended sequence. Chapters generally consist of several lessons, with options always to look at the chapter or overall contents, go to the index/glossary or exit. The Index/glossary contains important terms and concepts with definitions and referral to fuller coverage in the text of the lessons. The courseware keeps track of the users and where they are in the lessons, so that they can pick up later where they left off.

Because the IMSATT authoring system was used in developing the course, it can be updated. The videodisc cannot be changed, but most of the content is on computer floppy disks and can be updated or enhanced through the authoring software.

HARDWARE AND SOFTWARE NEEDED TO OPERATE AGRICOLEARN   (Preliminary List).

The course will run on approximately 80% of the current IBM XT/AT-based interactive videodisc system configurations.

I.   Hardware

   A. Systems

      1.   The IBM "InfoWindow" display system - includes monitor, video controller and overlay, touchscreen, voice systhesis, two speakers,
      cables.   list $4,195
      required in addition are:
      a. an XT or AT computer
      b. Pioneer videodisc player LD-V6000 series
      c. DOS
      3.2 $95
      d. InfoWindow control program $180

   OR

      2.   NCR "Interac"
      a.   Complete system - includes a PC-6 "XT" type computer, Pioneer LD-V 1000 videodisc player, video controller and overlay, touchscreen monitor, 2 speakers, cables
                                                   list $9,995
      OR

      b.   NCR "Interac" kit - includes above except computer and videodisc player   list $5,050

   OR

B. Individual hardware as follows:

    1. An IBM-XT or AT type computer (if IBM brand XT, expansion chassis required) with 512K minimum (640K preferred) internal memory, minimum 10 (preferably 20 megabyte hard disc

                        XT $2,500

        (IBM brand requires expansion chassis $695)

                        AT $3,500

    2. A videodisc player $1,500
       a. Sony LDP-2000 or LDP-1000

       OR

       b. Pioneer 6000

    3. An RGB/analog color monitor $550
       a. Sony PVM, KX or KV series

       OR

       b. Zenith ZVM

    4. A video controller card, with overlay
       a. VISAGE video overlay card V:Link 1580 $2,700

       OR

       b. VAL MicroKey System video overlay card $1,350
          (and one of the following graphics cards)
          1. TECMAR GraphicsMaster $695
          2. TECMAR EGA Master $395
          3. IBM EGA $982
          4. VEGA (EGA) $599

    5. OPTIONAL - touchscreen: Touch Technology $1,000

II. Software:

    1. DOS 3.1 or later $95
    2. IMSATT user system (drivers) $100

FOR MORE INFORMATION ON EQUIPMENT NEEDS and the loaning of an AGRICOLearn training program (hardware and software) to land-grant colleges, please contact:

Mr. Robert Butler
Leader, Education & Training, Room 203
Education & Information Staff
National Agricultural Library
Beltsville, Maryland 20705
(301) 344-3937

TO PURCHASE THE AGRICOLearn TRAINING PROGRAM, please contact:

> Center for Instructional Development & Evaluation
> University Blvd. at Adelphi Road
> University of Maryland University College
> College Park, Maryland
> (301) 985-7066

Talk delivered at CBHL
on April 23, 1987
by Susan C. Whitmore

INDEXING FUNCTIONS OF COMPUTERS IN LIBRARIES

When I agreed to talk on indexing functions of small computers in libraries, I decided that the most useful plan was to concentrate on practical applications. In a short talk I can't tell you how to set up database programs for indexing functions, but perhaps I can excite you about some practical applications that you could try or adapt for your own libraries. I also must mention that I look at computers as a tools, and that's all.

Word processing, accounting, numeric spread sheets, technical service functions (including card catalog production, spine labels, book pockets), data base searching, computer aided instruction, mailing lists, serials control, circulation control, acquisition control, community information networks, online public access catalogs and cataloging are all some of the library functions and tasks that have been recently affected by computer technology. I will focus on the development of individualized, small sized, databases that serve indexing functions in libraries.

A technologically oriented definition of information indexing could be "index: a means of determining the location of data in a file." In database software terminology, the index command sorts the currently selected database by creating an index file, which is stored on a disk. Unlike actual sort commands, index commands do not physically rearrange the database itself.

Prior planning is necessary before decisions are made on hardware and software requirements for small in-house database use in the library. You must consider the following questions. What applications are being considered for automation? Can you estimate ultimate number of entries, or how many entries could be generated in a year? How much information needs to be accessed for each record? Will your system need to communicate with other systems which brings up the need for compatibility? Are local area networks needed because you will need multi-same-time user possibilities? Is a faster computer necessary? Will a process that takes 10 minutes on a higher priced machine be a problem if it takes an hour on a less expensive PC? Will you be using the machine mainly for on-line searching of your database or will you rely on printouts or reports?

For most applications, general database programs will be both suitable for most library applications and be relatively easy to run for library personnel. We should emphasize that some database programs are limited to how many fields you can index on or limit the ultimate size of the file. A good database program should allow you virtually unlimited file size and should allow you to modify your program even after you are up and running.

Location of expertise may not be the problem you think; ideally you need to find a "computer expert" who is willing to work for the library as a volunteer. Try advertising in your institution's newsletter. For up-to-date information on the use of databases in libraries, investigate your local computer organizations who may publish a newsletter or suggest an appropriate user group. Some may even have electronic bulletin boards for immediate help. Two national periodicals which I have found useful are Small computers in libraries and PC Magazine.

I will now describe 10 different applications where I have used in-house databases and indexes. Remember that a file is one application, be it large or small. Each file is made up of records and each record is made up of fields, or discrete pieces of information. 1. Most of our institutions have a monthly magazine, newsletter or informational leaflet. Computer databases are ideal for indexing such journals as these indexes can be kep current monthly or annually for access to current information as well as historical. Periodic print-outs of the datafile in some useful sorted order may be helpful to library

staff and users. 2. The large database I devised to automate <u>The Flowering plant index of illustration and information.</u> This database has currently about 100,000 entries and will hopefully keep growing. 3. Compilation of the various small book lists we all have to compile. The two that I have brought along are the reports of an uncataloged special collection which is indexed by author, title, date and simple book number. The other is a listing of gift books waiting to be cataloged with indexing by author and title. 4. A simple title listing of serials 5. A duplicate book and periodical list to offer fellow CBHL members 6. One of the most heavily used listings in the Andersen Horticultural Library is the listing of local plant societies and horticultural organizations. It is a contact person listing, with name, address and telephone number. 7. Various lists dealing with Friends of the Library groups 8. Indexing manuscripts as they are being written 9. A listing of the historical seed and nursery catalog collection, indexed by firm name, state, country with library holdings. 10. Production of the proposed <u>The Andersen Horticultural Library's Source List for Plants and Seeds.</u>

This last publication will be in three parts, all generated from three large data bases. The first part is a listing of plant and seed sources, indexed by botanical name and source. We currently have 25,000 entries for 20,000 different plants. The second database is the name and further information on the nursery and seed companies. This file alone is presently indexed 6 ways and is available in the library in print-out form. The last database is the common name index with cross-references to the botanical name of the plant. This listing now has over 5,000 common names listed. We are compiling these files on one computer with a 40 MG (40 million bytes) hard disk storage capacity. Usually, one thinks of being able to search only by field, but our program allows us, by using delimiters, to search for information within fields. This is something for anyone compiling longer informational databases to keep in mind. When looking at storage space in the planning stages, it is necessary to remember not only the size of the original data file, but the size of the potential indexes.

Another reason such projects can be done advantageously on computers is the ease and economics of publication. We plan on being able to generate camera ready copy, using our word processing system in conjunction with our data bases. Since we will be marketing and selling our own publication, the computer will be used for record keeping and generating mailing labels. I hope this once-over-lightly talk will alert you to the possibilities of using computers and their indexing database programs to help you in your libraries. You could be amazed!

<div align="right">
Richard T.Isaacson
Bibliographer and Head Librarian Anderson Horticultural Library
</div>

Creating Library Directories from a Computer Database

Basic principles for creating a directory

- Define the audience the directory will serve

- Define the scope of the directory, particularly its subject and geographical coverage, and the level of descriptive detail desired

- Decide what indexes are to be provided

- Consider what related products would be desirable, *e.g.* mailing labels

- Maintain a procedural manual including field definitions and authority files for subject terms

Standard procedures

- Directory questionnaire should explain intent of directory, state default mechanism and proposed date of publication

- Test questionnaire before mass mailing

- Prepare a sample entry from the trial information received to make sure all the desired information was requested on the questionnaire

Comparative Advantages

Hand-built directories:

- Accomodate a great many inconsistencies

- Intuitively correct filing problems

- Produce exactly the result you want

Databased directories:

- Extract selected material for indexes or special lists

- Combine selected information for specific needs

- Automatically provide regular formatting

Special requirements of databased directories

Information in raw file must be divided into discrete, individually distinct units or fields if you are to retrieve it successfully.

Indistinct Fields:

```
+NAME+ South Negley Reference Library
+ADDRESS+ 610 Kirtland St., Pittsburgh, PA  15208
```

Distinct Fields:

```
+NAME+  South Negley Reference Library
+STREET+ 610 Kirtland St.
+CITY+ Pittsburgh
+STATE+ PA
+ZIP+ 15208
```

Contents of these fields must be consistent in their presentation, *e.g.* use of capitals, internal punctuation. Use of terminal punctuation is not recommended in raw file.

Particular advantages of database directories

- Ability to sort information in specified fields enables you to check for consistent use of terms, *e.g.* for subject indexes

- Re-use of existing information by combining data in various fields for a variety of other applications

- Automatic regeneration of main text, indexes and other sorted lists based on corrections made in the raw file

- Updates of directory, entire or in part, require only typing in the material that has changed

Preparation of reports from the database

- Determine how the information is to be sorted, then decide how it is to appear on the page

- Work backwards from a mock-up of an ideal page to the specifications document which states, in general terms, the page layout

- Page layout on a per entry basis, including font changes, is specified at the beginning of the output phase, then automatically applied to each entry. This way, if you wish to alter the layout, you only need change the initial specification and re-run the output phase, rather than altering each entry by hand. Preliminary testing on few sample entries is recommended.

Further reading

American National Standard for directories of libraries and information centers. New York, American National Standards Institute, 1971. ANSI Z39.10-1971

Museum collections and computers: report of an ASC Survey, compiled by Lenore Sarasan and A.M. Neuner. Lawrence, Association of Systematics Collections, 1983.

Bernadette G. Callery, Hunt Institute