Fifteen years of proposing, planning, funding, and constructing came together on October 12, 2002, to start off the new year with a bang! The gala opening of the new Joseph F. Cullman 3rd Library of Natural History, just 12 days into the new fiscal year, pushed our moods into the stratosphere. As I said that night, “the Smithsonian means many things to many people, but when they come to visit—or you ask them what is in the Smithsonian—most often they will refer to the great and wonderful objects that are symbols of our national heritage and identity, such as the Hope Diamond, the Spirit of St. Louis, the First Ladies’ gowns . . . . Tonight we celebrate something that is equal in value to any one of the great national treasures of the Smithsonian—the book. Books and the people who manage them and provide access to them—the Libraries’ staff—are integral to the fabric of the Smithsonian, just as they are integral to the fabric of intellect, the interpretation of the past, and progress in the future.”

This is still the case in today’s electronic world, proud as we are of the many offerings of our Galaxy of Knowledge website. I am particularly pleased with the new category of offerings called sil on display. Members of the Libraries staff create small online exhibitions of some facet of SIL’s collections, a “teaser,” if you like, of the richness that awaits those with curiosity. The variety is clear from the subjects chosen in 2003: contemporary African art, caricatures and cartoons, 19th-century homemaking, and the history of zoos. Galaxy offerings are one indicator of change. In our online catalog in sirius, many of the 720,232 catalog records link to electronic versions of books or journals. Of course, the marriage of print and electronic is a tremendous boon for scholars. But new scholarship in most fields still appears primarily on paper.

sil cherishes both, and so do many of our supporters. I wish to acknowledge especially the Smithsonian National Board, which awarded sil $75,000 to create a full inventory of our 300,000-piece archive of historical business and trade catalogs. This information will allow us to make this national treasure more accessible to users and to decide how best to digitize and preserve it. We are grateful.

— Nancy E. Gwinn

Notable Acquisitions

- **The October 2002 Opening of the Joseph F. Cullman 3rd Library of Natural History** stimulated several notable acquisitions in natural history. Mr. Cullman also took his favorite Roger Tory Peterson painting to the sil to hang in “his” library.
- **Collector Russell Train** gave the Libraries a preview of his collection on African exploration with a donation of six volumes, including a superb presentation copy inscribed by David Livingstone of his Missionary Travels and Researches in South Africa (1857), as well as sketches, a map, and photographs of explorer Henry Bailey’s travels through the Congo Free State in 1884–88.
- **The Alice E. Kennington Book Fund** made possible the purchase of the beautifully illustrated Les papillons, leur histoire, la manière de leur faire la chasse et de les conserver by Eugène A. Balland (1823) with specific procedures for collecting and preserving butterfly specimens in the early 1800s.
- **The Special Collections Endowment** enabled us to purchase F.J.F. Meyen’s 2-volume work um di Erde . . . in den Jahren 1830, 1831, und 1832 to add to our voyage and expedition holdings. Serving as the medical doctor and naturalist on a circumnavigation by the Prussian navy, Meyen describes all the regions visited, especially South America and China.
- **The Alice E. Kennington Book Fund** made possible the purchase of the beautifully illustrated Les papillons, leur histoire, la manière de leur faire la chasse et de les conserver by Eugène A. Balland (1823) with specific procedures for collecting and preserving butterfly specimens in the early 1800s.

Above: Among the important 18th-century works on steam engines, inland navigation, and mathematics obtained by the Dibner Library of the History of Science and Technology was Charles Leadbetter’s A Treatise of Eclipses of the Sun and Moon. In this work, Leadbetter, who gained fame for his accurate prediction of the 1715 total solar eclipse, covered 35 years of eclipses.
M A N A G E M E N T  E X C E L L E N C E

FOLLOWING UP ON THE RESULTS OF THE LIBQUAL+ SURVEY Taken last spring, the Libraries set up focus groups of Smithsonian curators with specialties in the sciences, art, museum studies, and history to help SIL improve the design of the “Tools for the Researcher” page of SIL’s Galaxy of Knowledge website. The new page (www.sil.si.edu/research/) has been enthusiastically received.

LIBRARIES DIRECTOR NANCY GWINN and her executive team met with several Smithsonian curatorial groups in open discussions to present SIL services and activities and to hear curators’ issues and concerns. Meetings were held at the Hirshhorn Museum and Sculpture Garden, Freer Gallery of Art and Arthur M. Sackler Gallery, Smithsonian American Art Museum, National Museum of American History, National Museum of the American Indian, National Portrait Gallery, Anacostia Museum & Center for African American History and Culture, National Postal Museum, and the National Air & Space Museum.

RESPONDING TO ISSUES RAISED IN THE 2001 EMPLOYEE PERSPECTIVE SURVEY SIL reviewed all training received by SIL supervisors to date and launched a program to increase and refresh supervisors’ skills over the next three years. All new supervisors are required to take a core course in management and all supervisors will receive training in employee development.

IN SEPTEMBER 2003, VIELKA CHANG-YAU, LIBRARIAN, SMITHSONIAN TROPICAL RESEARCH INSTITUTE, was elected Vice-President of the Association for Agricultural Librarians, Documentalists and Information Specialists.

IN AUGUST 2003, NANCY E. GWINN was elected to several offices in the International Federation of Library Associations and Institutions (IFLA), including Vice Chair of the Professional Committee and member of the Governing Board, as well as Chair of the Standing Committee on Preservation and Conservation and Chair of the IFLA Publications Committee.

RUTH SCHAULERT, BOTANY LIBRARIAN (inset), received double honors in 2003. Botanist C.M. Burton named Hoya schallertia in her honor because her help in providing research material “was far beyond the call of duty.” She also received the Charles Robert Long Award of Extraordinary Merit from the Council on Botanical and Horticultural Libraries in June. (photo: Barbara Insidioso)

SIL AND THE DEPARTMENT OF BOTANY, NATIONAL MUSEUM OF NATURAL HISTORY, celebrated the opening of the expanded Botany & Horticulture Library on July 17 and welcomed Horticulture staff researchers. The expansion followed the closure of the Horticulture Library in 2002 and the move of its collection to the Natural History Building.

THE FREER GALLERY OF ART/ARTHUR M. SACKLER LIBRARY received Nihon Bijutsukan Hyakunshi (100-Year History of the Japanese Art Institute), an 18-volume set on the history of painting exhibitions organized by the institute. As part of the bequest to the Arthur M. Sackler Gallery of Robert O. Muller’s collection of Japanese prints, the Library received 92 monographs from the Meiji period (1868–1912).

THE NATIONAL AIR AND SPACE MUSEUM LIBRARY received thousands of volumes from the Federal Aviation Administration Library. The NASM Library is now the single greatest resource on the development of civil aviation in the U.S.

FUNDS FROM THE SMITHSONIAN’S LATINO POOL enabled a subscription to HAPI ONLINE: The Hispanic American Periodicals Index.

Journals and periodicals contain the latest findings of historical research, emerging results, recent scientific reports, detailed field notes, and news items in every discipline. Two important SIL projects are allowing researchers to find out exact information about what volumes and issues of journals are available in SIL collections through the Libraries online catalog in SIRIS. This will save substantial time for both researchers and library staff, who might otherwise make fruitless visits to the stacks or wait for library colleagues to check manual records.

Begun several years ago, in the Serials Holdings Project, library staff created records for each volume of the backfile of a journal. By the close of fiscal year 2003, 77,750 volume/issue records were available in SIRIS, covering complete holdings for 3,031 journals. In a new initiative in fiscal year 2003, the Libraries began to convert Serials Check-in Records from cards to online form in SIRIS. Funded by the Smithsonian Institution Collections Information System pool, 1,400 records for the main Natural History Library have been converted thus far. Now, for example, a quick check of SIRIS will immediately tell a researcher at the Smithsonian Environmental Research Center in Edgewater, Md., if SIL’s Botany and Horticulture Library has received the latest issue of Carnivorous Plant Newsletter.
Public Outreach

Grand Opening Gala for Joseph F. Cullman 3rd Library of Natural History:
The fiscal year began auspiciously on October 12 with the gala opening
of the first rare book library in the National Museum of Natural His-
tory, the Joseph F. Cullman 3rd Library of Natural History. Mr. & Mrs.
Cullman and their friends and family joined 175 well-wishers to see the lovely read-
ing room and state-of-the-art, secure, environmentally controlled vault. This new fa-
cility allows the Libraries to merge over 10,000 volumes from twelve separate library
locations into a centralized collection that is convenient to researchers. Leslie Over-
street, Curator of Natural History Rare Books, along with assistant Daria Wingreen,
continued to move and organize collections while opening the reading room for use
by researchers and many visitors. The 345 researchers who used the collections in
2003 included curators, research staff, and fellows from the Smithsonian, as well as
from Japan, New Zealand, Canada, Scotland, Mexico, and many other museums and
government agencies.

Other Highlights

Silent Friends: Books and Reading on Polar Expeditions.
Lecture by Drs. David and Deirdre Stam, National Museum of Nat-
ural History. May 9, 2003.

Public Programs

THE 4TH ANNUAL BAIRD SOCIETY BENEFAC-
TORS DINNER The Libraries and the National Air & Space Museum cosponsored the 4th
Annual Baird Society Benefactors Dinner on Wednesday, March 26, 2003, featuring
Pulitzer Prize-winning author, A. Scott Berg. 140 guests dined in the Milestones of Flight
Hall beneath Lindbergh’s plane, the Spirit of St. Louis. Berg supplemented his delightful
account with film clips of the famous transatlantic flight and episodes from the Lind-
berghs’ lives. The Libraries, with the National Museum of American History, cohosted Berg
in a free public lecture. Berg mesmerized the
crowd with an account of his life as a biogra-
pher of Maxwell Perkins, Samuel Goldwyn,
Jr., Charles Lindbergh, and Woodrow Wilson.

TECHNICA CURIOSA: ENGINEERING AND
MAGIC IN EARLY MODERN EUROPE, Dibner
Library Lecture by Anthony Grafton, Prince-
ton University Professor, Carmichael Audito-

SILENT FRIENDS: BOOKS AND READING ON
POLAR EXPEDITIONS. Lecture by Drs. David
and Deirdre Stam, National Museum of Nat-
ural History. May 9, 2003.
Exhibitions


EXPLORE THE UNIVERSE, National Air and Space Museum. This permanent exhibition, showcases some of the most significant observational tools astronomers have devised over the past four centuries. The exhibition features rare books from the Dibner Library of the History of Science and Technology. Rotating every six months to meet conservation requirements, the first two books were the 1602 work by Tycho Brahe called Astronomiae instauratae mechanica (Instruments for a Restored Astronomy) and Johann Bayer’s 1655 Uranometria (Celestial Atlas).

SIL BOOKS AND IMAGES ON THE ROAD. Books, illustrations, and images on diverse subjects from sil collections were featured in exhibitions in nine museums in FY 2003. These included the National Museum of American History; Cooper-Hewitt National Design Museum, NYC; Nora Eccles Harrison Museum of Art, Logan, Ut.; Smithsonian American Art Museum/Renwick Gallery; The von Liebig Art Center, Naples, Fl.; National Museum of African Art; Schiele Museum, Gaston N.C.; Jewish Museum of Berlin; and, the U.S. Botanical Garden, Heirloom Garden.


Spencer Baird Society Resident Scholars 2003

SUSAN FERNSEBNER, PH.D. candidate in Modern Chinese History at the University of California, San Diego. Susan’s dissertation topic was “Material Modernities: China’s Participation in World’s Fairs and Expositions, 1876–1955.” She received her M.A. in East Asian Studies from Stanford University in 1993 and was a Visiting Scholar at the Shanghai Academy of Social Sciences, People’s Republic of China, for the 1999–2000 academic year.

DR. KATHLEEN CURRAN, Associate Professor of Fine Arts at Trinity College in Hartford, Conn. Dr. Curran received her Ph.D. in 1986 in art history from the University of Delaware. Her research topic was “American World’s Fairs and the Taxonomy of Display,” focusing on the changing nature of the terms “mechanical arts” and “industrial arts” and their relationship to the fine arts and liberal arts.

Dibner Library Resident Scholars 2003

DR. JAMES DAY, Associate Professor of Physics in the Division of Natural Sciences at Transylvania University, Lexington, Ky. Also serving as Curator of the Moosnick Science Museum at Transylvania, a large collection of scientific and medical nineteenth-century teaching apparatus, Dr. Day used the Dibner Library collections to research the museum’s scientific instruments.

DR. GILDO MAGALHÃES DOS SANTOS, Professor of History of Science and Technology in the History Department of the University of São Paulo, Brazil. His research project was “Electromagnetism and Natural Philosophy in the Early Nineteenth-Century.” The Dibner Library’s works on electricity, including a number of titles and manuscripts by Ampère, Arago, Fresnel, Gauss, Kirchhoff, Ørsted, and many others, provided a fertile ground for Dr. Santos’ research.

DR. MICHAEL SCHIFFER, Professor of Anthropology and Director of the Laboratory of Traditional Technology at the University of Arizona. Dr. Schiffer’s research project was titled “Electrical Science from Volta to Edison.” He utilized works in the Dibner collection by authors such as Ampère, Davy, Ørsted, Faraday, Arago, Biot, de la Rive, and Maxwell to look at the changing application of electrical technology after the advent of Volta’s battery and Ørsted’s discovery of electromagnetism.
**Galaxy of Knowledge**

2003 was a great year for increased use of the Libraries website. Average user hits per month on the Libraries website were 2.7 million and average visitor sessions numbered 105,000. Visitor time spent was around 12 minutes per session. The chart below shows the growth of Galaxy of Knowledge hits and user sessions since 1999.

**Two Digital Collections Support History of Science and Technology** Historians have found much useful information in two large digital collections added to si’s Galaxy of Knowledge website. Funded by the Gladys Krieble Delmas Foundation, “Instruments for Science, 1800–1914: Scientific Trade Catalogs in Smithsonian Collections” includes 5,000 images of catalogs, primarily from European manufacturers but used by American schools and laboratories and thus representing American patterns of consumption. “Scientific Identity: Portraits from the Dibner Library of the History of Science and Technology” showcases a valuable collection of 1,008 portraits of scientists from ancient to modern times that were collected by Bern Dibner. The collection includes woodcuts, copper and steel engravings, mezzotints, lithographs, oil paintings, and photographs. The Research Libraries Group provided funds for production of this digital collection.

**TOTAL HITS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Hits</th>
<th>User Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>4,827,160</td>
<td>487,282</td>
</tr>
<tr>
<td>2000</td>
<td>12,462,958</td>
<td>671,437</td>
</tr>
<tr>
<td>2001</td>
<td>15,209,271</td>
<td>698,856</td>
</tr>
<tr>
<td>2002</td>
<td>23,559,604</td>
<td>1,007,400</td>
</tr>
<tr>
<td>2003</td>
<td>34,850,316</td>
<td>1,325,606</td>
</tr>
</tbody>
</table>

Digital Collections

- **The House Painter, Or, Decorator’s Companion** by William Mullingar Higgins (1841). A splendid example of the kind of trade manual that serves as a primary document in the history of technology, manufacturing, culture, and aesthetic styles. www.sil.si.edu/digitalcollections/art-design/higgins/

Online Exhibitions

- **An Odyssey in Print: Adventures in Smithsonian Libraries.** Additions to the third rotation of the exhibit were made to the website. www.sil.si.edu/exhibitions/Odyssey/
- **Celebrity Caricature** features some of the materials from the Smithsonian American Art Museum/National Portrait Gallery Library. www.sil.si.edu/exhibitions/Celeb/
FINANCIAL STRENGTH

With the help of the Smithsonian Libraries Board, the Libraries achieved a milestone this year. Cumulative gifts and pledges to the Libraries’ Partners in Discovery capital campaign reached $5.5 million, or 27.5% of the campaign’s $20 million goal. In 2003 $1.4 million came primarily from individuals. These funds support a variety of the Libraries’ priorities, including acquisitions, preservation, and digital projects. A handsome gift from Joseph F. Cullman 3rd will help the Libraries acquire the Russell E. Train Collection of Africana. Over $164,000 was raised from competitive internal Smithsonian Institution funds, which target necessary equipment purchases and cataloging projects.

ENDOWMENTS

Jean Axelrod Endowment (general acquisitions, funded by Shelby Shapiro)*
Bailey Family Endowment (general Libraries)*
Cooper Hewitt, National Design Museum Acquisitions Fund (Margery and Edgar Masinter)***
Joseph F. Cullman 3rd Endowment for the Natural History Rare Book Library***
Joseph F. Cullman 3rd Endowment for the Preservation of Natural History Rare Books
C. Michael Gooden and Diane Oksanen-Goeden Endowment (general Libraries)*
Nancy E. Gwinn and John Y. Cole Endowment (intern program)*
Brian J. and Darlene Hedikse Preservation Endowment*
Alice Kennington Rare Book Fund
The Margery and Edgar Masinter Fund for the Acquisition and Preservation of Illustrated Books
Frank J. and Betty M. Quirk Libraries Endowment**
S. Dillon Ripley Library Endowment**
Smithsonian Institution Libraries Endowment Fund for Serafi Acquisitions and Preservation**
Smithsonian Institution Libraries General Support Endowment
Smithsonian Institution Libraries Special Collections Endowment
Lloyd and Charlotte Wineland Library Endowment for Native American and Western Exploration Literature

DONORS

$10,000 or more
Mr. & Mrs. Joseph F. Cullman 3rd
Mr. & Mrs. Joseph F. Cullman 3rd

$5,000–$9,999
David & Frances Dibner, The Dibner Fund
Brian J. & Darlene Hedikse Margery & Edgar Masinter Shelby Shapiro

$10,000–$24,999
Altria Group, Inc.
Judith & Charles M. Moore, Jr.
Frank J. & Betty Quirk
Ruth L. Webb

$5,000–$9,999

Robert D. & Juliane K. Bailey
Jay W. & Linda Freedman
John L. & Hope L. Furth
Nancy E. Gwinn & John Y. Cole
James M. Kemper, Jr.
Susan Moseley
Rosemary L. Ripley

$2,000–$4,999
C. Michael Gooden & Diane Oksanen-Goeden
Elizabeth W. Gwinn
The Larry A. Hart Trust
George Gwynn & Christine Hill
Robert E. & Elizabeth Krueger
Mr. & Mrs. James F. Mrazek
Donald & Patricia Oresman
Ruth O. Selig
R. Julian & Margaret A. Stanley Trust
Allan & Kim Stypeck
F. Christian & Betty Thompson
Mr. & Mrs. Anton R. Valukas

$1,000–$1,999
Atwater-Kent Foundation, Inc.
Frederick M. Bayer
Blair & Cheryl Effron
Eric P. & Harriet Fraenfelter
Gail M. Garlick
David S. & Pat Jernigan
Mr. & Mrs. M. Anthony May
ORC Macro
Mr. & Mrs. David Parry
Albert H. & Shirley Small
J. Thomas & Lee Touchton

$500–$999
Elizabeth C. Dahlin
Richard M. & Peggy Danziger
Cary J. Frieze
John F. Jameson
Alan R. Kabat
Woody & Sherry Kelley
Brian H. Mason
Barbara G. Peters
Eugene B. & Lynne Roberts
Joseph R. Salcetti
Sotheby’s Inc.
Janet Stanley
Mary Augusta & George Thomas

Under $500
Bull Run Metal Fabricators & Engineers
Mary Lou Cowden
Marsha R. Howarth
Richard H. Howland
Moya King
Malcolm N. Knapp
Betty Jane Miller
Carol C. Price
Erle J. Rappaport
Mr. & Mrs. Malcolm P. Ripley
Dorothy Rosenberg
Renata Rutledge
Russell Shank
Stanwyn & Elaine Shetler
Joan Talbert
Beatrice E. & Norman Taylor
Kenneth Trapp
Marjorie Webster

Libraries Board
Rosemary Livingston Ripley, Chair
Juliane K. Bailey
Jay W. Freedman
Hope L. Furth
C. Michael Gooden
Brian J. Heidtke
John B. Henry
George Gwynn Hill
Margery F. Masinter
Judith Moore
Frank J. Quirk
Beatrice E. Taylor
PERSONNEL
Promoted
Eliza Gilligan, Preservation Services

Joined
Lynne Altstatt, NMAI Library
Karen Brown, African Art Library
Erin Clements, New Media Office
Jennifer Cohlm, Cooper-Hewitt Library
Jesse Foley, AA/RG Library
Eric French, Preservation Services
Robert Kearns, Director’s Office
Melinda White, NMAI Library
Mary Ann Wilson, NMAH Library

Moved
Susan Frampton, to Director’s Office
Eric French, to Museum Studies Reference Library
Michael Hardy, to si’s Annex
Barbara Insidioso, to Preservation Services
Geoffrey Binard, to Catalog Management

Retired
Larry Baukin, MNC Library
Nick Schlapin, Catalog Management
Bob Skarr, NMAI Library
David Thompson, African Art Library
Gladys Tutt, si’s Annex
Tad Walendowski, Catalog Management

No longer at si’s
Charlotte Mosenthal, Cooper-Hewitt Library
Marianne Petrova-Schaad, Museum Studies Reference Library
Savannah Schroll, Director’s Office

THE LIBRARIES IN 2003
Branch Libraries
Number of staff
Volumes added to collection (down 7%)
Total volumes held
Microfilm & fiche items
Journal subscriptions (includes 3,438 gifts)
Titles cataloged
Book orders placed
Gift volumes selected for collection
Volumes bound or boxed
Catalog records in SIRIS

GALAXY OF KNOWLEDGE
Images of collections added to website
Total collection images

INFORMATION SERVICE
Reference questions answered (up 61%)
Library materials consulted on-site
Circulation transactions (items checked in or out or renewed)
First-time borrows of items
Non-Smithsonian Libraries users (new statistic)
Interlibrary loans of books and articles
Books and articles borrowed for SI