



LibraryNotes

For Harvard Library staff

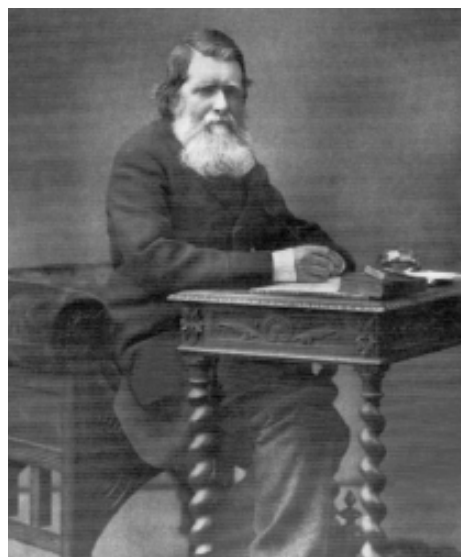
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Harvard Remembers Ruskin

To celebrate the centenary of the death of British author John Ruskin, Houghton Library and R. Dyke Benjamin, Class of 1959, have collaborated on the exhibition "Ruskin Remembered," which opened February 16 and runs through April 29, 2000, at the Grolier Club in New York City.

William P. Stoneman, Librarian of Houghton Library, says, "I am pleased that this remarkable collaboration between such a distinguished private collector as Dyke Benjamin and the Houghton Library has resulted in an exhibition and catalogue that truly advances our understanding of Ruskin's importance in his own time and in ours."



John Ruskin, the Prophet

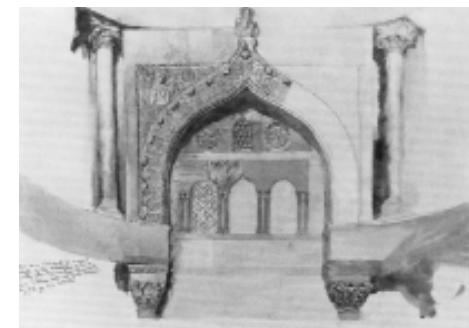
"Ruskin Remembered," curated by Peter X. Accardo, Cataloger and Technical Services Coordinator in the Houghton Library, reprises the exhibition Houghton Library hosted during last year's commencement to honor the returning class of 1959. The exhibition features 130 books, manuscripts, correspondence, photographs, and artwork by John Ruskin. By emphasizing Ruskin's American friendships through original manuscripts and letters, selected from Mr. Benjamin's collection and Houghton Library, the exhibition reveals the British author's link to Harvard through his friend and Harvard professor, Charles Eliot Norton. Now, more than a century later, "Ruskin Remembered" reunites Ruskin and

Harvard once again in this twenty-first century collaboration between alumnus and alma mater.

Mr. Benjamin explains in the catalog, *Remembering John Ruskin*, "One of the most exciting features of this joint exhibition is its dynamism and experimentation: Harvard's enthusiastic partnership with an individual collector, the Grolier Club's welcoming John Ruskin...all provide vitality to the project."

"Due to the cooperative nature of this exhibition," says Mr. Accardo, "we can share with a wide audience R. Dyke Benjamin's commitment to Ruskin's legacy as well as Harvard's extensive Ruskin holdings and fairly portray Ruskin as a man of scholarship, architecture and art, influence, and vision."

Known as the Great Victorian, and also as the Prophet, John Ruskin was born in London on February 8, 1819, and was deeply influenced by his mother's evangelical teachings as well as travels with his parents through Europe. On his thirteenth birthday, Ruskin received a copy of Samuel Rogers' *Italy*, which contained engrav-



John Ruskin's drawing, "Study of an Archivolt in St. Mark's," Venice, ca. 1852

ings after designs by the artist J.M.W. Turner. Known for his outstanding landscapes and his emphasis on light, atmosphere, and color, Turner has been considered the father of watercolor painting and a forerunner of Impressionism. Ruskin writes of Turner's significant influence. "This book [*Italy*] was the first means I had of looking carefully at Turner's work: and I might, not without some appearance of reason, attribute to the gift the entire direction of my life's energies."

In 1834, when he was only fifteen, Ruskin published his first prose,

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Chemistry and Chemical Biology Library Wins Dreyfus Grant

The Chemistry and Chemical Biology Library, under the direction of Theresa Kavanaugh, Head Librarian in the Department of Chemistry, has been granted \$25,000 from the Dreyfus Foundation through their Special Grant in the Chemical Sciences, for the development of an academic chemical research database.

This database, to be called the Harvard Chemistry Thesis Database, will be an electronic repository of dissertation information from the Chemistry and Chemical Biology (CCB) Department. The database will contain these abstracts, including

chemical structures, numerical data, and biological sequences, and will be searchable by chemical structure (e.g., a pictorial representation of a molecule), formula, and function as well as common bibliographic pointers such as author, keyword, thesis advisor, etc. One of the key features of the database will be its ability to search for theses based on a partial or complete structure drawn by the user. The database will also feature three-dimensional representations of computational and modeling data. Points of access will include links to the online catalogs at Harvard and links to other

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Personnel

HARVARD COLLEGE LIBRARY

Jody Beenk has joined Preservation & Imaging Services in the position of Conservation Technician in Conservation Services. She is responsible for performing conservation treatments on damaged materials from throughout the Harvard College Library. Jody recently relocated to the Boston area from Iowa, where she worked as a Conservator for the State Historical Society of Iowa. In addition to her bookbinding and conservation training, Jody holds a B.A. in Asian Languages and Literature and an M.A. in Chinese Linguistics from the University of Iowa.

Hilde De Weerd has joined the Harvard-Yenching Library as Public Services Librarian and Coordinator of Reference Services. Between 1991 and 1998, Hilde was a graduate student in the Department of East Asian Languages at Harvard University. During this time she did research at the Harvard-Yenching Library and also spent two years at various universities and research institutions in Japan, China, and Taiwan. After receiving her Ph.D. in 1998, she worked one year as a post-doctoral researcher at the Center for Chinese Studies at the University of California at Berkeley. Besides Japanese, Chinese, and English, Hilde is also fluent in Dutch, French, and German.

Cheryl LaGuardia has accepted the position of Head of Instructional Services for the Harvard College Library. Since 1994, Cheryl has been Coordinator of the Electronic Learning Facility 1 in the College Library. In her new role, Cheryl will develop instructional programs for HCL with other teaching librarians and will draw on the staffs of the 11 College libraries to participate in the HCL instructional program. Reporting to the Head of Research Services in Widener Library, Cheryl will serve as the leader in HCL teacher training and share in the overall development and growth of instruction throughout the College Library. Before coming to Harvard, Cheryl was Assistant Head of Reference for Computerized Information Services and Library Instruction at the University of California at Santa Barbara. She was also previously Head of Interlibrary Loans and Reference Librarian at both UC Santa Barbara and Union College, in Schenectady, New York. Cheryl has an M.L.I.S. from the State University of New York at Albany, and a B.S. from the State University of New York College at Oneonta.

Christopher Shepard is the new Writer/Electronic Media Coordinator in the Communications Office. His primary responsibilities include researching and writing news stories, features, announcements, and other news materials about the different College libraries' programs, services, and staff for both internal and external audiences, as well

as maintaining the HCL Net. Chris has previous job experience in an academic environment and has worked professionally as both a journalist and a Web designer. He holds a B.A. in Liberal Arts (Psychology and History concentration) from the State University of New York and an M.A. in Journalism from Boston University.

HUL ARCHIVES

Melanie Halloran is a new Reference Assistant and is responsible for providing reference services to University staff, students, faculty, visiting scholars, and other users of the University Archives. Previously, Melanie has held positions with the Museum of Fine Arts, Boston, and the Longfellow National Historic Site, in Cambridge. She also was as an Archives Intern at the New England Historical Genealogical Society, in Boston. Melanie holds an M.S.L.S. from Simmons College and a B.A. in History and English from Lafayette College, in Easton, Pennsylvania.

Laurene Hughes has been promoted from Records Center Representative to Records Analyst in the Records Management Office. In her new position, Laurene will provide records management services, including scheduling and transferring University records, assisting University departments with the records management function, preparing reports, and making recommendations for effective

control of documents, files, and records in all formats. Laurene holds a B.A. in English Literature from Northeastern University.

ANDOVER-HARVARD THEOLOGICAL LIBRARY

Frances O'Donnell has been appointed Curator of Manuscripts and Archives. Fran comes to Harvard from the Special Collections Department of the Fogler Library at the University of Maine in Orono. She is Archivist for the William S. Cohen papers, and is responsible for their organization, preservation, and management. In that role, she has also been responsible for the creation of a Web site for the papers. Before going to Maine, she worked for six years as a Senior Library Assistant in the Institute Archives at MIT; and before that she worked briefly as Copy Cataloger in Widener's Cataloging Support Services Division. Fran holds an M.L.I.S. from Simmons, an M.A. in Art History and Archival Methods from the University of Massachusetts at Boston, and a B.A. in American Civilization from SUNY Geneseo.

Cliff Wunderlich was promoted to Head of Public Services in January. Previously, he was Librarian for Public Services and has worked in various capacities at the Andover-Harvard Theological Library since 1985.

SUMMARY OF HARVARD UNIVERSITY LIBRARY COUNCIL MEETING • January 20, 2000

ARTICLE DELIVERY FROM THE HARVARD DEPOSITORY

Tom Schneider, Assistant Director in the Harvard University Library for the Harvard Depository (HD), and **Barbara Graham**, Associate Director for Administration and Programs in the Harvard University Library, presented a proposal for electronic article delivery from HD developed in response to library staff requests. The potential benefits of such a service include:

- Preservation—the handling of bound volumes would be reduced,
- Space savings—libraries would no longer have to hold all volumes in a journal set onsite while the requested volume is in use, and
- User satisfaction—the service would be faster and more convenient to users than the present system.

The ULC discussed the proposal and reviewed a preliminary budget. The pro-

posal was then forwarded to the ULC Public Services Committee for further refinement and cost analysis.

LDI UPDATES DATA REPOSITORY SERVICES

The ULC reviewed a document prepared by **Jim Coleman**, Digital Library Projects Manager, that further develops the operational plan for Data Repository Services (DRS). The plan categorizes resources in the Repository in two ways:

1. Digital resources created or acquired by Harvard and made available to the Harvard community at large are managed and financed as a common good and are supported as a "core" system, and
2. Digital resources that are not available to the Harvard community at large are charged at an incremental cost recovery rate.

The plan also outlines a number of operating assumptions about standards, metadata, access, and long-term archiving and migration. The ULC agreed that the common good model should be pursued in more depth.

ELECTRONIC CATALOGS

Robin Wendler, Metadata Analyst, joined the ULC and, together with **Dale Flecker**, Associate Director in the University Library for Planning and Systems, made a presentation on catalogs at Harvard. The pair reviewed current catalogs and their characteristics (HOLLIS, Harvard-MIT data center, VIA, OASIS, and HOLLIS Plus) and described catalog systems in development (Geodesy, Biomedical Imaging Library, and Herbaria Collection Management). Ms. Wendler and Mr. Flecker then outlined the reasons for multiple catalogs (varying functional needs and varying communities of users)

and suggested some possible solutions to the need for multiple catalogs (replicated descriptions, distributed searching, super-catalogs, and linking). The ULC thanked Ms. Wendler and Mr. Flecker for their report and suggested that it be made available to the library community at large at a later date.

HOLLIS II UPDATE

Dale Flecker and **Susan Lee**, Associate Librarian of Harvard College for Planning and Administration, briefed the ULC on meetings with ILS vendors at the ALA Midwinter meeting in San Antonio. Mr. Flecker and Ms. Lee reported that they solicited feedback from library staff who attended the ALA meetings and that the review of vendors would continue through February.



Collaboration Facilitates Access: Delivering Online Reserves to Harvard Students

The Harvard University EReserves Project, a collaborative venture undertaken by the Office for Information Systems (OIS) and the Harvard College Library (HCL) to experiment with providing traditional library reserves in an online environment, ran as a pilot project between the fall of 1997 and the spring of 1999 and began full operation last fall. Working with select courses in the Faculty of Arts and Sciences and the Harvard Divinity School, the EReserves Project delivers faculty-assigned articles to students electronically. Current participants are Andover-Harvard Theological Library, Cabot Science Library, Harvard-Yenching Library, Hilles and Lamont Libraries, and Littauer Library. The Kummel, Music, and Tozzer libraries plan to participate in future semesters.

THE SYSTEM AT A GLANCE

According to the designer of the system, MacKenzie Smith, Digital Library Projects Manager in the Harvard University Library, both OIS and each of the individual libraries play crucial roles in the success of the project. "OIS runs the various systems that allow metadata creation and maintenance (i.e., the RV database in HULPR), built and maintains the EReserves Web site, delivers articles securely (i.e., the "EReserves" system), and archives the scanned articles and manages them over time," says Ms. Smith. "Individual libraries prepare articles for inclusion (including checking for existing online copies), deal with publishers for copyright clearance, create bibliographic and administrative metadata for articles in RV, do quality control checking of resulting online reading lists and articles, and support students using the system. The HCL Digital Imaging Group is responsible for article scanning, updating RV records, and archiving images in the Digital Repository." To date, the EReserves system has accommodated:

- 73 courses with 1700 total citations over 2 academic terms,
- 1105 citations for articles scanned by HCL, and
- 595 citations are direct links to articles online elsewhere.

THE ERESERVES SITE

Students access the reserve materials via the EReserves Web site. The Web site includes links to the reading list for each class or seminar, links to the participating libraries' Web sites, and a FAQ page. In addition, a "Terms and Conditions of Use" statement displays dominantly on the site. This statement outlines use, distribution, and copyright restrictions. Articles are delivered to students as PDF files. Access to the reading lists and articles is restricted to students enrolled in the class, and at the end of each term access is restricted altogether and the articles are no longer available. Staff at OIS monitor usage statistics and report to both the libraries and the faculty. The statistics are broad-based at this stage—they reveal how often a course list is used, and what articles are accessed, but not who accesses them or how they are used.

ISSUES ISSUES EVERYWHERE

Because EReserves is an emerging, labor-intensive, and sometimes controversial service, the project has faced a broad range of issues. Selection policy, copyright, security, work flow, scanning, metadata creation, and online article delivery all had to be addressed in the planning phase and require ongoing attention from both OIS and library staff. The selection policy restricts EReserves' offerings to printed articles only; the service does not offer books, music, visual images, etc. This limits the type of courses that can make full use of the service, as some courses are less article-based than others.

Harvard's Office of the General Counsel has established guidelines for copyright clearance, securing articles to meet copyright requirements, and what assumptions may be made when pub-

lishers do not respond. "Copyright management is laborious," notes Ms. Smith. "Some publishers simply deny permission to put articles online; others charge prohibitive fees. The landscape is changing, however, and as more and more institutions launch electronic reserves systems, the publishing community will likely become more comfortable with libraries' requests for permissions."

Closely related to the copyright issues are security concerns. Ms. Smith notes that "security issues are heavily driven by the copyright requirements. We are struggling with how to manage auditors and other non-Harvard affiliated class participants and still be in compliance with terms set by copyright owners."

IMPLEMENTING THE WORK FLOW

On work flow, scanning, and metadata creation, Ms. Smith says, "The work flow is complicated, and much training and follow-up support was necessary this year to get everyone started. Hopefully this will become easier as the system matures and more staff develops experience using it. The HCL Digital Imaging Group has been marvelous about managing the scanning and related metadata creation in a timely and reliable fashion. Their services are currently available only to HCL, but we hope that will change in the future."

THE LITTAUER EXPERIENCE

Diane Garner, Librarian for the Social Sciences in the Harvard College Library, reports that Littauer Library has committed to offer EReserves for every graduate course in Economics and Government that requests it. "Since we are still supporting reserves in paper as well, this has been a major challenge. In the fall term we put in a lot of overtime—we had a new system to learn, materials to be scanned or searched online, and teaching faculty unfamiliar with what can and cannot be put on EReserves."

Response to the project has been

favorable from students and faculty alike. "One measure of success is that graduate students in a course this term came to the library and requested that we put their materials on EReserves because their professor had declined to ask us to do so. We were sufficiently on top of the workload that we could honor their request immediately," reports Ms. Garner.

Email surveys of students are conducted each term. Use of the service for all courses was higher than expected this past semester. It is expected that the service will expand in the coming years.

FOR MORE INFORMATION

...on the Harvard EReserves Project, contact: MacKenzie Smith (email: mackenzie_smith@harvard.edu, phone: 495-7324)

...on electronic reserves in general, visit: the Electronic Reserves Clearinghouse: Links and Materials on the Web, maintained by Jeff Rosedale, Columbia University (<http://www.cc.columbia.edu/~rosedale/>)

...on electronic reserves and copyright, visit: the Copyright Management Center Web site, hosted by Indiana University (<http://www.iupui.edu/~copyinfo/ereserves.html>)

...on copyright information for the Harvard community, visit: the Office of the General Counsel Web site

EXHIBITION

"Journal of Undergraduate Sciences"

Now through April 2000
Cabot Science Library

This exhibition, by Andrea Tao, showcases the last four issues of the *Journal of Undergraduate Science*, a collaborative effort between high school students, undergraduates, professors, and graduate students.

Ronald H. Tesler Receives Ishimoto Award

The 1999 recipient of the Carol Ishimoto Distinguished Service Award is **Ronald H. Tesler**, Head of the Stacks Division in Widener Library. The award is given annually to a member of the College Library professional staff for exceptional achievement that extends beyond customary job related activities.

Nancy Cline, Roy E. Larsen Librarian of Harvard College, says, "It's unlikely that when Ron accepted his position a few years ago he ever expected to be catapulted into one of the most demanding planning roles in the Widener Stacks Renovation!"



(Left to Right) Barbara Mitchell, Ron H. Tesler and Nancy Cline

Barbara Mitchell, Head of the Access Services Department in Widener Library, nominated Mr. Tesler. "I believe Ron's contributions to the planning and implementation of the Widener Stacks Renovation have shown exemplary vision and leadership," says Ms. Mitchell. "Ron's skillful, as well as collegial approach to a complex project seems to be just the sort of initiative that Carol Ishimoto had in mind when she created an award to recognize excellence in HCL staff."

Mr. Tesler is honored this year for his outstanding work in planning and developing strategic objectives for moving all of Widener's books during the renovation. He is credited with the development of the plan that enables the Library to shift books in the stacks for construction work and at the same time maintain patron access to the collections.

"As construction plans materialized, he has had to work through numerous scenarios for keeping the collections accessible. Ron has a talent for managing the detailed complexities of the stack collections and he

is constantly looking for improvements that will benefit users," adds Ms. Cline. "The Ishimoto Award recognizes his exceptional contributions. Ron's calm demeanor, resilient style, and 'can do' spirit have become greatly valued throughout all the changes affecting Widener."

Mr. Tesler became Head of Stacks in 1997. Within six months, consideration at the highest University levels made the stacks renovation an immediate priority. In April of 1998, Mr. Tesler was appointed cochair of the Widener Stacks Renovation (WSR) Space and Planning Working Group and a member of the WSR Steering Committee.

Ms. Mitchell noted that Mr. Tesler had already developed two strategic objectives in planning the project. The first was "compatible equilibrium" for the materials coming into Widener stacks and those going out to the Harvard Depository. The second was the rearrangement of classes in Widener and Pusey for patron convenience. "Ron recognizes that the Widener stacks are a special place for students and scholars," says Ms. Mitchell.

Mr. Tesler began his professional career in the Prints Division of the Metropolitan Museum of Art, in New York City. He moved on to owning and directing an international art and

antique business based in both Kobe, Japan, and New York City, that provided him with operational experience in management and warehouse inventory control. Eventually, Mr. Tesler sold his business and moved his family to Massachusetts, where he began working on a master's degree in visual arts at Harvard. A job as a casual worker in the Widener Stacks Division launched his career at Harvard College Library.

The Ishimoto Award was established in 1991 through an endowment from Carol Ishimoto, former Associate Librarian of Harvard College for Cataloging and Processing. The award is given annually to a member of the professional staff for exceptional service or achievement.

The following HCL staff members are past recipients of the Ishimoto Award:

- 1991 Mary Beth Clark
- 1992 Dennis Marnon
- 1993 Ellen Cohen
- 1994 Violet Gilboa
- 1995 Gillian Bartoo, Ann-Marie Breaux, and Mary Beth Kendrick
- 1996 Elizabeth Vernon
- 1997 William Hays
- 1998 Thomas Parris

CHEMISTRY

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public databases and information sources such as the Protein Data Bank. At this stage the CCB Library does not anticipate including full-text digital access.

While large electronic dissertation abstract products, such as UMI's Online Dissertation Services, are available, they disregard chemical structures, numerical data, and biological sequences, and as such severely restrict usage by scientists. Other electronic dissertation projects, such as the Electronic Theses and Dissertations project at Virginia Tech and a project at MIT, focus on electronic submission, rather than on novel access points to information such as structure searching.

The staff of the CCB Library will be solely responsible for the creation and implementation of the database. In the first year, the focus will be on search engine design and site construction. Retrospective digital conversion of theses from 1990 to the present will also be underway. The Library expects the Harvard Chemistry Thesis Database to be universally accessible via the Web and any advanced features to conform

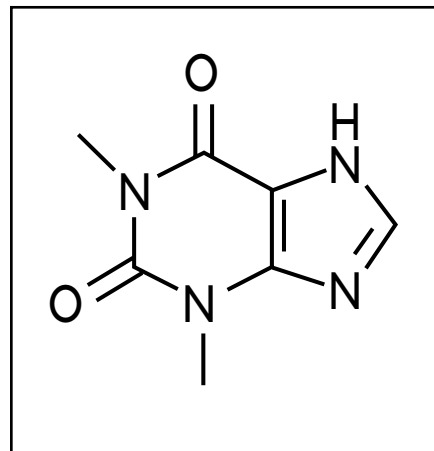
with open integration standards. Successfully choosing the database and search tools, and integrating them with the standards of the chemical community, and with the standards in place at Harvard, will be a major challenge of this project.

The CCB Library will actively encourage other scientific research departments at Harvard as well as other academic institutions to participate in this project, by eventually including them in the database, either together with the CCB data, or to provide outside institutions with a template to initiate their own databases. Another goal of the project is to facilitate interaction between graduate students in different research groups. Accordingly, this type of digital library could change the way information is shared among scientists within the institution. At the same time, non-Harvard use might be considerable as well.

The Camille and Henry Dreyfus Special Grant Program in the Chemical Sciences offers support to eligible institutions for innovative projects with the goal of advancing the science of chemistry. Past areas of support have included the development of curricular and instructional

materials, including new media; institutional enhancement of education and research; and public understanding of the role of chemistry in society.

More information on the project is available from Theresa Kavanaugh, (phone: 495-4079; email: kavanaugh@chemistry.harvard.edu).



The Harvard Chemistry Thesis Database will allow searching for theses based on partial or complete structures drawn by the user. Above: the chemical structural representation of caffeine, a naturally occurring compound.

BOOK SALE

Hilles Library and the Gifts & Exchange Division of the Harvard College Library will host a book sale April 11 to 13. Duplicate or unrepairable books in the fields of social science, economics, philosophy, history, as well as some art and foreign languages, will be offered at very low prices.

PRICES

Tuesday April 11
all books will be \$2

Wednesday April 12
all books will be \$1 each or \$5 per bag.

Thursday April 13
\$2 per bag, standard brown grocery bags only; bring your own bag.

The book sale will be held in the Hilles Library, Lower Main Floor Lobby, 9:15 AM. - 4:45 PM. each day. Contact Hilles Library at (495-8722). Note: Harvard ID required.

Benjamin Waterhouse and the Conquering of Smallpox

Smallpox occupies a unique place in the history of medicine as being the only naturally occurring disease eliminated worldwide through human agency. The fight to conquer smallpox took a giant leap forward in 1798, when the English physician Edward Jenner (1749-1823) published the findings of his successful use of cowpox to vaccinate humans against the smallpox virus. In the United States, Jenner's vaccination banner was taken up by Benjamin Waterhouse (1754-1846), one of the earliest members of the Harvard Medical School faculty.

Vaccination and the role of Benjamin Waterhouse in promoting its use in the United States is the subject of a new exhibition, "To Slay the Devouring Monster: The Vaccination Experiments of Benjamin Waterhouse," now on view in the gallery adjoining the Rare Books and Special Collections Department on the L2 level of the

Countway Library of Medicine. The exhibit, curated by Jack Eckert, Rare Books Librarian, draws upon a rich assortment of materials from the Countway's collection, many of which are gifts from the Waterhouse family.

Before the introduction of the cowpox vaccine, physicians used a process called variolation to inoculate patients against smallpox. Variolation involved the injection of pustular fluid or dried scabs from smallpox lesions under the skin of healthy patients. After the injection, patients usually developed a mild case of smallpox and, thereafter, immunity to the disease. A significant problem with variolation was the transmission of the full-blown disease from mildly infected inoculees to healthy persons with whom they came in contact. Additionally, some of those inoculated developed the deadly form of the disease rather than the hoped-for mild form.

Jenner's contribution to the eradica-

tion of smallpox was to draw a connection between the apparent immunity to the disease of persons who contracted a poxlike ailment after contact with cows infected with cowpox. Jenner tested his hypothesis by vaccinating patients with cowpox material and, after several months, with smallpox virus. The resistance of these patients to infection by smallpox proved Jenner's hypothesis correct. Subsequently, a distinction was made between the terms variolation (injection with smallpox virus) and vaccination (injection with cowpox virus).

The results of Jenner's experiments were published in 1798. After receiving a copy of this first publication, Waterhouse quickly understood the value and possibilities of widespread inoculation with cowpox to prevent the ravages of smallpox—a disease he referred to as "the devouring monster." Waterhouse published a short notice of Jenner's work, and the two physicians became correspondents and friends.

Jenner sent Waterhouse some specimens of thread impregnated with the vaccine matter. So confident was Waterhouse of the safety and benefit of vaccination that, on July 8, 1800, he vaccinated his 5-year-old son, Daniel, and a household servant, Samuel Carter. Vaccinations of three more Waterhouse children and another servant soon followed. The children's immunity to smallpox was successfully tested later that summer. Vaccine production and technique were subsequently refined and improved, and a worldwide effort to eradicate smallpox was begun. The last known case of smallpox in the world was recorded in 1977 and, in 1980, the World Health Assembly officially proclaimed the eradication of the disease.

The exhibition at the Countway, which opened February 1 and runs through the summer, includes signed first editions of the Jenner and Waterhouse publications; an array of Waterhouse manuscripts and letters;



Snuffbox, circa 1802. This silver snuffbox was a gift from Edward Jenner to Benjamin Waterhouse and contained quills impregnated with cowpox vaccine matter for use in America. In a letter dated November 16, 1802, Waterhouse said, "Dr. Jenner has been to me what the sun is to the moon... Dr. Jenner has just sent me a present I highly prize, a silver box inlaid with gold of exquisite taste and workmanship, bearing the inscription, 'Edward Jenner to Benjamin Waterhouse.' But Mr. (John) Ring annexed the superscription in rather a hyperbolic style. 'From the Jenner of the Old World to the Jenner of the New World.'" Gift of Mrs. William Roscoe Thayer to the Harvard Medical School, 1933

engravings, watercolors, and an oil portrait; and the Waterhouse family Bible recording the vaccinations of the children in 1800. Also included in the exhibit are some unusual artifacts such as a lock of Edward Jenner's hair and a china tea service commissioned by Benjamin Waterhouse to commemorate his efforts in promoting the smallpox vaccine.

For further information, contact Jack Eckert (617-432-6207 or jack_eckert@hms.harvard.edu).



James Gillray (1757-1815) *The Cow-Pock, or, the Wonderful Effects of the New Inoculation!* (London: H. Humphrey, 1802). Gift of Dr. and Mrs. Robert Norton Ganz to the Harvard Medical Library, 1990

RUSKIN

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"Enquiries on the Causes of the Colour of the Rhine," in *Loudon's Magazine of Natural History*. The article prompted the magazine's editor to write to Ruskin's mother, "Your son is certainly the greatest natural genius that has ever been my fortune to become acquainted with." Harvard's Museum of Comparative Zoology arranged the loan to the exhibition of this important piece that illustrates Ruskin's early interest in geology and the natural world.

Further enhancing the exhibition are three original Ruskin drawings lent by

the Fogg Art Museum: *Tom Tower, Christ Church, Oxford*, circa 1838, drawn while Ruskin was an undergraduate at Oxford; *Study of an Archivolt in St. Mark's, Venice*, circa 1852, which he inscribed to Boston-born artist and writer Francesca Alexander; and *Studies of Leaves*, circa 1853.

Other notable Ruskin materials on display include Ruskin's and Norton's own annotated copies of *Modern Painters*, one of Ruskin's most important works; Ruskin's and Norton's correspondence; Ruskin's copy of *Italy*; and an album containing Francesca Alexander's ink drawings.

Ruskin's last years were spent in

seclusion. He died on January 20, 1900, at Brantwood, his home on Lake Coniston in the English Lake District. A copy of his will and testament was mailed to Charles Eliot Norton, and is included in the exhibition.

To understand the scope of Ruskin's influence, one has to look no farther than the Ghandi memorial building in New Delhi, where there are life-size paintings of Ghandi, Tolstoy, and Ruskin. Of Ruskin, Ghandi wrote in his autobiography, *The Story of My Experimentation with Truth*, "(Unto This Last, another of Ruskin's important books) was impossible to lay aside, once I had begun it. Johannesburg to

Durban was a twenty-four hours' journey. The train reached there in the evening. I could not get any sleep that night. I determined to change my life in accordance with the ideals of the book."

The exhibition catalogue, *Remembering John Ruskin*, was produced by Mr. Accardo and features a forward by Mr. Benjamin and Mr. Accardo, as well as introductory essays by Mr. Benjamin. Designed by freelance Master Printer Jerry Kelly, the 92-page catalogue includes a (tipped in) Ruskin illustration reworked from an original block. *Remembering John Ruskin* is available for purchase at the Houghton Library Gift Shop.

Site Visit www.herbaria.harvard.edu/Libraries/libraries.html

Botany Libraries Web Site

For a reprieve from the bare branches of winter, visit the Botany Libraries' Web site. Lush botanical illustrations brighten the site, which contains a host of information and resources for the botanist, researcher, or amateur naturalist. Click on the **Collections** link for historical information, collection descriptions, and archival materials on the five libraries that collectively make up the Botany Libraries: the **Library of the Arnold Arboretum**, the **Library of the Gray Herbarium**, the **Farlow Reference Library of Cryptogamic Botany**, the **Economic Botany Library of Oakes Ames**, and the **Oakes Ames Orchid Library**. All of these are non-circulating, closed-stack research libraries and are housed and managed by the **Harvard University Herbaria**. The facilities are for the use of the Harvard community and other qualified scholars.

The combined collections of the Botany Libraries represent a gateway to a range of information about systematic, cryptogamic, tropical, and economic botany; floras of the Old and New Worlds, including Asia and the Pacific Islands; and fungi, algae, and lichens.

Each of the libraries' Web pages contains a listing of archival materials related to the activities of botanists during the nineteenth and twentieth centuries. These holdings include expedition drawings of new plant species from the U.S. Japan Expedition lead by

Commodore Matthew Perry in 1852, field notes from Thomas Wentworth Higgins on plants found in Brookline and Cambridge, dating from 1841 through 1859, and the autograph collection of Mrs. Asa Gray, which includes five bound volumes of letters to or collected by herself and her husband from over 850 naturalists.

The site also features links to nine Harvard Herbarium Databases, including Treebase, a database of Phylogenetic Knowledge, which stores information on phylogenetic trees and the data matrices used to generate them. Other databases include Botanical Collectors and Endangered Bryophytes (mosses and liverworts).

A **Botanical Links** page connects to resources outside the Harvard community and includes: Related Library Catalogs, Societies and Organizations, Databases (featuring AGRICOLA and AgDb), Electronic Newsletters & Journals (including *American Journal of Botany* and *American Naturalist*), and Botanical Booksellers. One click away from the Botanical Links page, is a **Cryptogamic Links** page which takes users to a page that deals specifically with non-vascular plants. It is arranged by subject and includes information on fungi, bryophytes, chromists, dinoflagellates, and red algae. It also features links to societies and resources for those interested in cryptogams.

If you are interested in mushrooms, lichens, mosses, or algae, you might

want to join the Friends of the Farlow Library and Herbarium of Cryptogamic Botany. There is a link to **The Friends of the Farlow** page that promotes the Friends' special events, including the annual fall meeting and the Clara Cummings Walk, which is held each spring and gives participants an opportunity to search for non-vascular plants with the help of knowledgeable guides. Last year's Walk was held in late April at Wachusett Mountain.

The Botany Libraries also work in close cooperation with the Library of the Arnold Arboretum in Jamaica Plain (www.arboretum.harvard.edu/lib.htm).

Comments or questions about the site should be directed to Lisa DeCesare, Botany Libraries Web master (ldecasar@oeb.harvard.edu).

BOTANY LIBRARIES

LIBRARY OF THE ARNOLD ARBORETUM

<http://www.herbaria.harvard.edu/Libraries/arnold.html>

- Specializes in the identification and classification of "Old World" plants, with special emphasis on Southeast Asia.

LIBRARY OF THE GRAY HERBARIUM

<http://www.herbaria.harvard.edu/Libraries/gray.html>

- Specializes in botanical history, floras of the "New World," and Linnaeana and pre-Linnean sources.

FARLOW REFERENCE LIBRARY OF CRYPTOGRAMIC BOTANY

<http://www.herbaria.harvard.edu/Libraries/farlow.html>

- Specializes in the identification and classification of fungi, mosses, and lichens.

ECONOMIC BOTANY LIBRARY OF OAKES AMES

<http://www.herbaria.harvard.edu/Libraries/economic.html>

- Specializes in materials related to economic botany, medical botany, ethnobotany, narcotics and hallucinogens, sustainable agriculture, Linnaeana, and edible and poisonous plants.

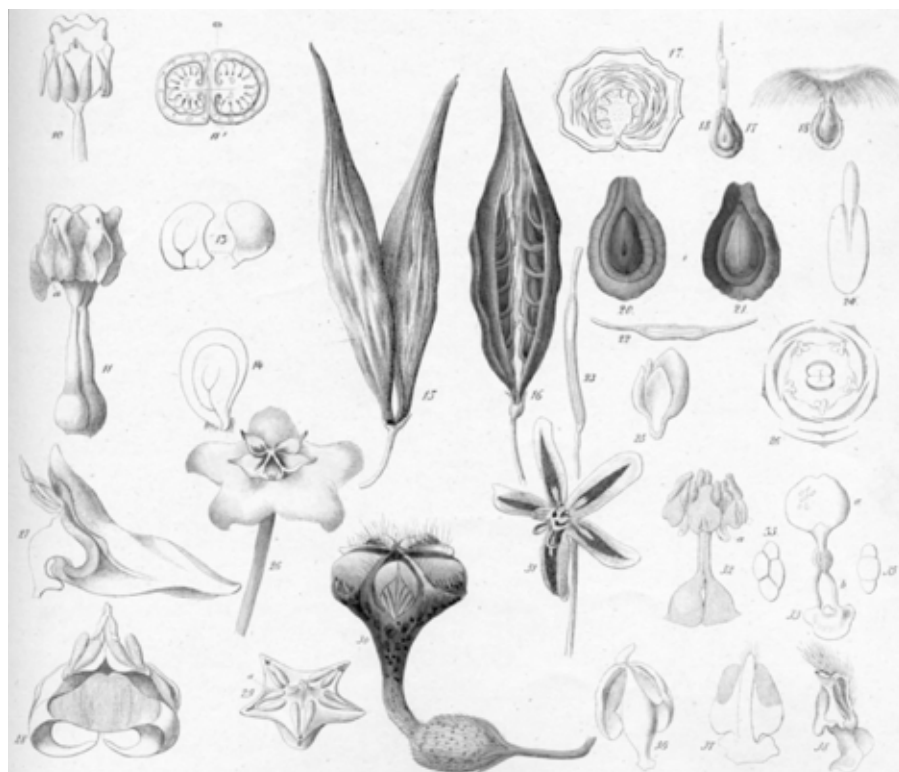
OAKES AMES ORCHID LIBRARY

http://www.herbaria.harvard.edu/Libraries/oakes_ames.html

- Specializes in materials related to the species of Orchidaceae.



Table 74, *Gynandria Pentrandria Passiflora*. Miller, John, *An illustration of the sexual system of Linnaeus*. London, 1779-1789.



Botanical images from the collections brighten the site. Vol. 2, plate 133a, detail. *Asclepiadeae, Schnizlein, Adalbert, Iconographia familiarum natalium regni vegetabilis delineata...* Bonn: Max Cohen & Sons, 1843-1870



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