



CAMBRIDGE UNIVERSITY LIBRARY
annual report for the year 2004–2005





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Co-ordination of the University's library services

The committee that reviewed the University Library for the General Board in 2004 recommended that there should be greater co-ordination between the libraries of the University. In order to carry this recommendation forward, a new temporary post was established by the General Board's Committee on Libraries, and Ms Lesley Gray, from the Union Catalogue Team, was appointed. The priority during the year has been to consolidate the journals co-ordination scheme that currently exists between the University Library, the departments in the School of Biological Sciences and the department of Chemistry. This scheme has now eliminated almost all duplication of journals within these areas (except titles like *Science* and *Nature*) and has established a mechanism to ensure that the resources available for subscriptions are most effectively used for the benefit of all. Towards the end of the year, a number of other parts of the University were showing signs of interest in the scheme, with the Department of Physics joining in summer 2005. For some years many publishers of scientific, technical and medical journals have aggregated their titles into 'bundles' and sold them as an all-or-nothing deal. This practice is now being adopted increasingly for journals in non-scientific subjects. This, as well as the rapidly increasing demand from users for electronic access to those journals, will increase the urgency to extend the co-ordination scheme to the arts and humanities, and discussions have begun with the relevant chairs of the Schools. Support for the University Library's efforts in this area was demonstrated by the approval of the Planning and Resources Committee for an addition to the Library's budget for 2005-6 to meet the cost of maintaining the present level of subscriptions, even though the price of these is still increasing at a level well in excess of underlying inflation.

Library development

The penultimate phase of the building development programme at the main University Library (the 'Phase 5 extension') was completed on schedule in May 2005. It comprises five floors of bookstack, constructed above the basement floor which came into use in 1997, on the west (Grange Road) side of the Library. The extension was designed by the Howe Partnership of Newcastle-upon-Tyne and, like all recent additions to the Library, it blends in almost imperceptibly with Sir Giles Gilbert Scott's 1934 creation. The new bookstacks have been constructed to meet the most exacting standards for the storage of special



collections materials, both in terms of security and environmental conditions. Strict controls of temperature and humidity ensure the stable environment needed for the preservation of the Library's more valuable and fragile holdings. The University Archives, dating back to 1266, and archives of the Royal Greenwich Observatory (now on permanent deposit in the Library) have already been moved onto the third floor of the extension; rare book collections, atlases, and older newspapers will occupy the remaining space. These moves will gradually release extra space for the modern collections, allowing an eventual re-arrangement of the open library, and providing room for the two kilometres of new accessions that enter the Library each year.

The biggest challenge for the Library, however, is fundraising. There is now an obvious physical gap between the latest extension and the southwest corner of the building, waiting to be filled by the final phase of the current building programme – a development which would again provide five extra floors of bookstack and storage capacity until 2020-2025. The Library's fundraising campaign, with the goal both of raising sufficient resources to complete the extension as well as providing additional money to undertake new work, has continued, with the assistance of the University's Development Offices in Cambridge and New York. A number of the Library's Newton manuscripts formed part of the exhibition

TITLE PAGE

January: a man warms himself whilst his wife prepares a meal, from the calendar of a Book of Hours (Bruges, c.1490) in The Cambridge Illuminations exhibition.

RIGHT

At the topping-out ceremony for the Phase 5 extension, Professor Andrew Cliff, Chairman of the Library Syndicate, pours a bottle of Newcastle Brown Ale onto the roof of the newly completed section, watched by the members of the Design Team and contractors.



Aerial view of the Library showing the completed Phase 5 extension (immediately behind the crane) and the gap awaiting Phase 6

'The Newtonian Moment' at the New York Public Library in autumn 2004. Their presence in that city allowed Cambridge in America to organise a special evening for current and potential donors. The event, which took place at Sotheby's and was opened by Professor Simon Schama and attended by the Vice-Chancellor, took the form of talks and a private viewing of Newton's own copy of the first edition of *Principia mathematica* and his notebook on optics. In March 2005 the exhibition moved to The Huntington Library in California, where a similar event was held on the occasion of the opening of the exhibition. The main speaker on both occasions was the curator of the exhibition, Professor Mordechai Feingold of the California Institute of Technology. The Genizah Collection also featured in similar events, when Professor Reif took a number of documents of the medieval Jewish scholar Moses Maimonides for private viewings at Christie's in New York and the Field Museum in Chicago. The annual event for benefactors and supporters of the Library took the form of an exhibition in the Library of letters written by Charles Darwin and natural history specimens from Cambridge University museums collected on the voyage of the *Beagle*. This was followed by a dinner in Christ's (Darwin's college), with Sir David Attenborough as guest of honour.

RIGHT
Sir David Attenborough, the Vice-Chancellor, Dr Alison Pearn and the Librarian at the Benefactors' Dinner in Christ's College in October 2004.

A major benefaction came as a result of the untimely death in a road accident of Dr Catherine

Cooke, a member of Clare Hall and an intensive user of the Library. Dr Cooke not only left a substantial collection of Russian books, journals, and posters from the early years of the twentieth century, and particularly the period just after the Revolution of 1917, but also made the Library the major beneficiary of her estate. Thanks to her generosity, a financial bequest of about £1 million was received, and the Library Syndicate decided that the major part of it would be used as a contribution towards the final phase of the Library extension. The remainder of the bequest will be used to pay for the sorting and cataloguing of Dr Cooke's collection, digitisation of the more fragile and vulnerable items in it, and as



The Vice-Chancellor and Dr Charles Simonyi, the architect of Microsoft Word, at the 'Newton evening' at Sotheby's, New York, in October 2004



matching funding for a number of major externally-funded projects due to begin in the next year or two.

Strategic plan

The Library's strategic plan, which has been in place for a number of years, is revised on a regular basis. In preparation for the introduction of the Resource Allocation Model in August 2005, a new plan for the period 2005-2010 was prepared and subsequently approved by the Library Syndicate. The Library's stated mission is 'to deliver world-class library and information services to meet the needs of the local, national and international scholarly community and to support the University's mission to contribute to society through the pursuit of education, learning and research at the highest international levels of excellence.' It aims to achieve this through the acquisition, organisation and dissemination of library materials, support for the exploitation by users of the rich and diverse collections, the development of a highly motivated, knowledgeable and skilled staff, the preservation and housing of the collection for future generations, and the cost-effective management of resources. Details of the plan are set out on the website.

RIGHT
Front cover of P. Lopatin's book *Pervyi sovetskii metropoliten* ('The first Soviet Metro'), 1934, from the Catherine Cooke bequest.

Legal deposit

The Legal Deposit Libraries Act 2003 confirmed the pre-existing rights of the legal deposit libraries as far as

printed publications were concerned and extended the coverage of legal deposit legislation to electronic and other non-print publications. It was essentially a piece of enabling legislation, with the detail concerning each type of publication yet to be set out in Regulations. To assist in the process of establishing priorities and framing the Regulations, a Legal Deposit Advisory Panel (LDAP) has been set up by the Secretary of State for Culture, Media and Sport; this includes representatives of the legal deposit libraries, with the University Librarian representing the interests of the universities of Oxford and Cambridge.

In the meantime, the Joint Committee on Legal Deposit (a body that includes representatives of the legal deposit libraries and the publishers) has established a number of working groups to advise LDAP and carry out more detailed investigations on its behalf, concentrating initially on offline publications, electronic journals, digital infrastructure, metadata and the long-term preservation of digital publications. The e-journals group made considerable progress on establishing a pilot project to ingest and serve journals deposited on a voluntary basis by twenty-three publishers. The sub-group on digital infrastructure has proposed a system based on the storage and preservation facilities of the British Library's Digital Object Management system and it is likely that Cambridge will work within that infrastructure.

Library publications

- *The Cambridge illuminations: ten centuries of book production in the medieval West*, ed. by Paul Binski and Stella Panayotova (London 2005) [catalogue of the exhibition]
- *The correspondence of Charles Darwin*, volume 14: 1866 (Cambridge 2004).



Modern collections

The creation of the Collection Development and Description Division in 2003 facilitated a major reorganisation of the accessions and cataloguing workflows, leading to improved budgetary control, an increased emphasis on overall value for money (not just the price charged for an item, important though that is), and a generally increased output. This was particularly the case for books in continental European languages, where, in the two years since the reorganisation took place, cataloguing output has risen by over 40% and there has been a significant reduction in the backlog of books awaiting cataloguing, something that is a matter of frustration for both staff and readers.

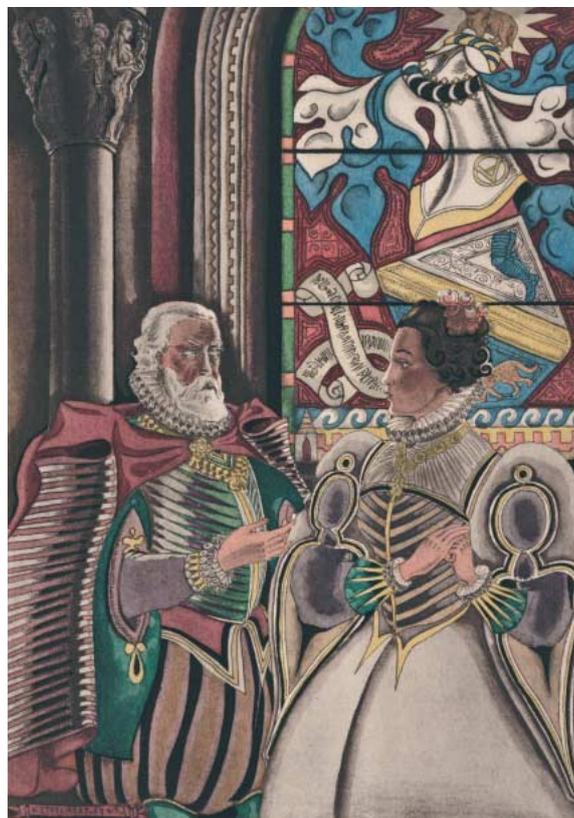
Title-alert services and approval plans are being increasingly used to reduce the amount of time taken by Library staff in browsing publishers' catalogues, etc. to identify items for purchase. Many suppliers offer integrated title-alert, selection and ordering services, frequently with the additional provision of full catalogue records. The transfer of responsibility for monographic standing orders to the same staff who are responsible for the selection of individual titles has facilitated a review of such standing orders and the cancellation of some, where the series was no longer considered to be of sufficient quality or relevance to justify acquisition of all volumes; this released funds for more relevant purchases.

The sixty volumes of the keenly-anticipated *Oxford dictionary of national biography*, arrived in the Reading Room in September 2004 and were eagerly seized upon by readers, a not insignificant number of whom were also contributors to the work and had conducted their research in that same room. The Library also subscribed to the online version of the dictionary, which was networked across the University at the same time.

Fewer subscriptions for new journals were approved this year. This partly reflects a continued tightening of the budget but also a conscious decision to defer all but the most urgent requests until the completion of a review of journals taken by the Library. Over the course of the year all current subscriptions were allocated subject codes. This will make it possible to produce lists arranged by subject which will facilitate a review by the appropriate specialists both in the Library and in the wider academic community to ensure that the Library buys those journals most needed by readers.

Special collections

Mr Norman Waddleton, one of the Library's great benefactors of recent years, transferred a further



2,700 books from his home and added them to the Waddleton Collection in the Library. He has also funded the post of Waddleton Bibliographer at Emmanuel College, and this year the incumbent of that post worked in the Library on cataloguing items in the Waddleton Collection and preparing digital images of pages from the books for Mr Waddleton's Bookartworld database.

Use of the Royal Commonwealth Society (RCS) collections continued to rise, in direct response to a number of factors. These included the web publication of online manuscript and photograph catalogues, Google indexing of the University's webserver Janus and the RCS photograph project website, especially its gallery and photographers index, as well as inclusion of the RCS collections in new portals such as *The Southern Cross Resource Finder* (resources on Australia and New Zealand in the UK) and *Access Canada*, the UK gateway to information on Canada. The Gladys Krieble Delmas Foundation made a further grant of \$25,000 towards the photograph project, and support for this was also received from the Smuts Fund and EEMLAC (East of England Museums, Libraries and Archives Council).

The Library bid successfully for funding from the Joint Information Systems Committee (JISC) of the higher education funding councils for a second phase of the project to add records to the Archives Hub. This service, run on behalf of the Consortium

RIGHT
Henri de
Montherlant, *La
Reine Morte*.
Limited edition,
with illustrations
by Victor
Stuyvaert, Paris
[1944]. From the
Norman
Waddleton
Collection.



A grotesque playing the trumpet, from the Hours of Alice de Reyden (c.1320-1323) in The Cambridge Illuminations exhibition.

of University Research Libraries (CURL), provides a single point of access to over 18,000, mainly collection-level, descriptions of archives held in over 140 UK universities and colleges. The University Library produced collection-level descriptions for 1,000 of its manuscript collections during the year. Following the completion in 2003 of the catalogue of the Macclesfield Collection of Newton manuscripts, work was undertaken, using the remainder of a grant from the Andrew W. Mellon Foundation, to revise the 19th-century catalogue of the related Portsmouth Collection. This work has now been completed and the online database will shortly be made available to scholars.

Staff from the Manuscripts Department were heavily involved in the planning of the 'Cambridge Illuminations' exhibition, in which some 250 of the finest medieval illuminated manuscripts from University and college collections in Cambridge were on display in the University Library and the Fitzwilliam Museum. The exhibition was accompanied by an illustrated catalogue. The arrangements for this exhibition were unusually complicated because of the large number of manuscripts being lent from the University Library to the Fitzwilliam Museum and because the majority of items displayed in the Library came from either the Fitzwilliam or the colleges, for which it was necessary to secure Government Indemnity cover.

The move of the Faculty of Education to new premises allowed for the emptying of its basements in several buildings around Cambridge and the subsequent transfer of twenty metres of records to the University Archives. New cataloguing of the Archives was concentrated on the smaller accessions received in recent years, carried out alongside retrospective conversion of existing finding aids and their publication on the Janus archives webserver (<http://janus.lib.cam.ac.uk/>). This service now includes 111 classes from the University Archives, available for scholars to search online, compared with forty-four at the end of the last reporting year; the only significant lists now awaiting conversion to Janus are those of Cambridge University Press, which are vast and will require considerable editorial work. The second phase of Janus development was completed and a period of user-testing began in March 2005.

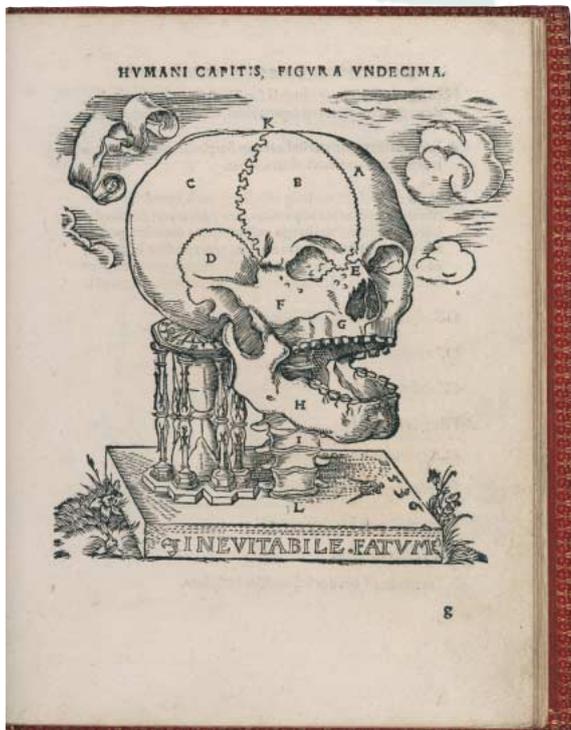
The Freedom of Information Act came into force in January 2005, and the Library made preparations to ensure that it could deal with requests speedily. It was expected that the effects of the legislation would be slight, as the Library's policy has always been to be as open as possible, and a review of closures currently in force suggested that the majority would be covered by the exemptions in the legislation. As far as the small number of doubtful cases were concerned, steps were taken to ensure compliance with the legislation in the event that requests were received; there had been none up to the end of the year. The University Archives participated in a year-long project run by The National Archives to monitor the impact of the legislation on the archives services of 'public authorities'.

The Ministry of Defence Map Library regularly donates surplus mapping to libraries around the country, including Cambridge University Library. A backlog of processing such material had developed in the University Library's Map Department, and during the year a concentrated effort was made to clear this, with the result that over 15,000 sheets were added to the catalogue. The material included some First World War trench maps and a large collection of very detailed French town plans from the 1940s and 50s. Another significant source of donated mapping is the Ordnance Survey International Library, which was closed in 2003. Many of its files recording the history of the mapping have been presented to the Charles Close Society Archives which are housed in the Map Department.

The Map Department's policy of obtaining current maps of all parts of the world continued with the purchase of maps at scales ranging from

major purchases

8



Johannes Dryander, *Anatomiae* (Marburg 1537). Purchased with assistance from the Friends of the Library, 2004.

Manuscripts

- Letters of J.E. Bowam to J.S. Henslow, 1839-41
- Correspondence, diaries and papers of John Harold Goodland
- Law reports of Lord Chief Justice Hobart, 17th century
- Letters of Neville Maskelyne, J. Pond and Thomas Young, early 19th century
- Letter of Sir Isaac Pennington to George Ashby, 1783
- Letter of James Nasmyth to Frederick Howlett, 1864

Maps

- [Plan and two views of Canterbury] (London c.1707)
 - *A map intended to illustrate the threatened invasion of England by Bonaparte* (London 1804)
 - Plan of the city of Norwich ([Norwich] 1802)
- [all bought with the assistance of the Friends of the Library]

Music

- Auber, *Le lac des fées: opéra en cinq actes* (Paris [1839]), a rare full score of an opera at an important moment in the history of the orchestra and of opera
- Georges Bizet, *Carmen: opéra comique en 4 actes* (Paris [1875]), first edition of the vocal score
- Salieri, *Axur, Koenig von Ormus: eine Oper in vier Aufzügen* (Bonn [1796])
- Herbert E. Haines, *A bálkirá lyné: operett 2 felvonásban* [Catch of the season] (Budapest 1907), the full score of an English operetta which opened in London in 1904, prepared for an unrecorded

performance in Hungary, and extremely rare because full scores were almost never published

- George Garrett, *The Shunammite* (holograph manuscript, 1882), cantata first performed by the Cambridge University Musical Society in June 1882

Rare books

- Arnald of Villanova, *Le tresor des pauores...* (Lyon [1527]), on pharmacology and medicine [bought with the assistance of the Friends of the Library]
- Jason Pratensis, *De pariente & partu, liber obstetricibus puerperis...* ([Antwerp?] 1527), the sole edition of an early Latin work on obstetrics by this court physician
- Johannes Dryander, *Anatomiae, hoc est, corporis humani dissectionis pars prior...* (Marburg 1537), a famous work on the anatomy of the head and one of the most important illustrated anatomies before Vesalius [bought with the assistance of the Friends of the Library]
- Sebastian a Matre Dei, *Firmamentum symbolicum, in quo Deiparae elogia...* (Lublin 1652), a very rare Polish emblem book [bought with the assistance of the Friends of the Library]
- Denis Diderot, *Das Theater des Herrn Diderot. Aus dem Französischen* (Berlin 1760), the earliest German translations of Diderot by the great dramatist Gotthold Ephraim Lessing
- Giovanni Battista Gherardo d'Arco, *Della influenza del ghetto nello stato* (Venice 1782), the first edition of an extremely rare economic text of the Enlightenment

Manuscripts

- Notes and lectures by John Emerich Dalberg Acton, 1st Lord Acton (given by the present Lord Acton)
- Correspondence of the poet George Szirtes (Mr Szirtes)
- Music manuscripts of Hubert S. Middleton (Canon A.D. Caesar)
- Committee minutes of Cambridge University Socialist Club, 1956-59 (Birmingham University Library)
- Correspondence of solar physicists, including H.R. Newall and J.B. Hubrecht, c.1913-1916 (Dr Milo Keynes)
- Correspondence and papers of Sir Geoffrey Fry, c.1850-1950 (Mrs Victoria Zinovieff)
- Diaries and a notebook of Edward Rose, 1865-1904 (Mrs Kate Field)

Modern collections

- 100 titles of French Canadian literature (Délégation générale du Québec à Londres)

Music

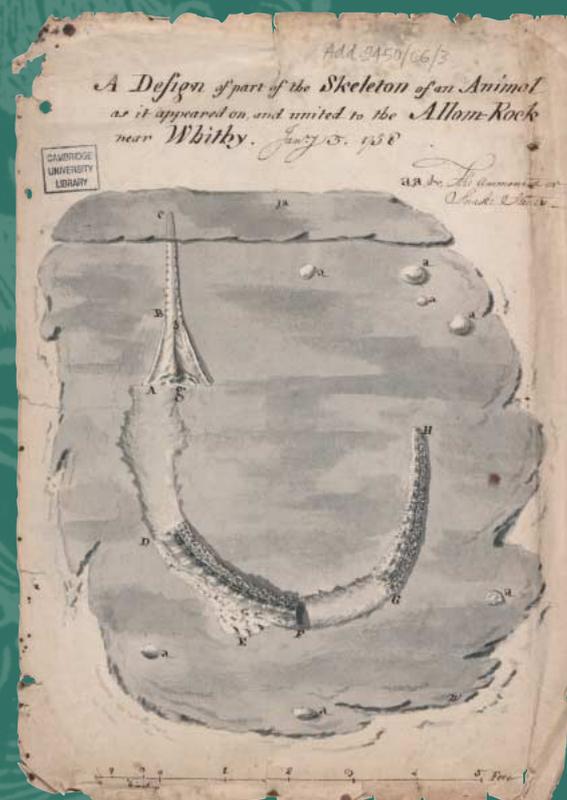
- 1,500 items of music, bound in about 500 volumes, from the Cambridge Union Society Library

Rare books

- 2,700 books for the Waddleton Collection (Mr Norman Waddleton)
- *T. Livii Patavinii ... quicquid hactenus fuit aeditum ... Accesserunt autem quintae decadis libri quinque, nunquam antehac aediti...* (Basle 1531), the editio princeps of Livy, books 41-45 (Miss Alison Duke)

Manuscripts and University Archives

- Records of the Cambridge University Ice Hockey Club, Cambridge University Wireless Society, and the Archimedean
- Further records from the Faculty of Education (1880s-1990s)
- Papers relating to the establishment, financing and running of Bridget's, the disabled students' hostel (1988-2004)
- Papers documenting the establishment and operation of the Interdisciplinary Centre for Research in Superconductivity at the Cavendish Laboratory
- Further papers of the Council of the School of Physical Sciences, Faculty of English, Faculty of Physics and Chemistry, School of Biological Sciences, Stewards' Committee



RIGHT
A design of part of the skeleton of an animal as it appeared on, and united to, Allom Rock near Whitby (1758). From the Hailstone Family Papers; cataloguing completed 2005.

Improving the management and accessibility of e-journals was one of the year's strategic aims, and through its portal, ejournals@cambridge, the University Library now provides access to over 9,500 titles of e-journals for which the University has subscriptions or which are available on open-access. The response to this new service has been extremely positive from academic staff, students and librarians alike.

A number of important online databases were added, funded by cancellation of particularly under-used subscriptions. These included *The Times Digital Archive 1785-1985*, the *Oxford Dictionary of National Biography*, and *Eighteenth Century Collections Online (ECCO)*. It is significant that these titles, heavily consulted since being made available, are all full-text databases. Demand for electronic resources has shifted substantially from bibliographic and citation indexes to electronic full text, particularly e-journals, and is spread across a wider range of subjects than in previous years. This is particularly noticeable in music, literature, modern languages, and economics, which are not covered by existing packages and where there has been less effort by faculty libraries to register electronic access to journals on the basis of print subscriptions. In order to ensure that such access is provided wherever possible, the co-ordination of journal provision, referred to elsewhere, will have to include not just a change in the funding structure, but also training for librarians in e-journal management and greater day-to-day co-ordination between the University's libraries.

The number of networked CD-ROMs again fell, as titles such as *Index Islamicus*, *Ulrich's Periodicals Directory*, and the *Cetedoc Library of Latin Texts* migrated to online services. Technological change has made it increasingly difficult to network titles which were originally developed to run under old operating systems and a number of titles had to be withdrawn from the network in the course of the year. There is a small but steady demand for CD-ROMs purchased individually or received on legal deposit to be consulted in the Digital Resources Area. This area has been a great success, with usage steadily increasing, to the extent that it has approached capacity on a number of occasions. By the end of the year there were over 4,200 registered users, of whom just over a third were current staff and students at the University; it is not surprising that this figure is so low, as many of the online resources provided by the University Library can be consulted from PCs in colleges and departments or through off-campus access using Athens or Raven authentication.

There is a growing interest in e-book provision, which is principally led by the college librarians, given the publishers' focus on undergraduate-level

titles. Apart from the specialised services such as *ECCO*, demand for e-books amongst users of the University Library is relatively low at present, but the Library will no doubt have a future role in co-ordinating access and licensing.

The Greensleeves Project is nearing a successful conclusion, with the final delivery of records expected in September 2005. By summer 2005 almost 750,000 records had been added to the Newton catalogue. Problems continued with the quality of the records received from the suppliers, and in some cases entire deliveries had to be rejected. Once the records had been loaded to the Voyager database, considerable work was involved in ensuring that they were linked to any existing circulation records. The records in the guardbook catalogue generally contain no subject information; wherever possible such information has been included in the new online records. This has meant that millions of subject headings have been added, thus greatly facilitating the exploitation by readers of the collections' riches. Many name and subject headings however, do not conform to the latest standards used by the Library's own cataloguers, and, as a result, a major editorial task faces the staff who will need to remove as many as possible of the incorrect forms of name and other headings. This is a project that will take several years.

The web-pages for the Rare Books and Map departments have been completely redesigned. The Rare Books pages include digital images of items from the collections and provide rapid access to specialist online catalogues, rare books electronic resources, and a new page listing rare books events in Cambridge. The Map Department's home page is designed as a quick reference page providing basic information on opening times and contact details, with links to a series of pages providing more detailed information about the Map Department catalogues – both the card catalogue and *Newton*.

In the Music Department, a new service giving readers access to a library of sound recordings online has been introduced with our subscription to the Naxos Music Library. A workstation in the Anderson Room has a dedicated PC set up to access this service.

Annual snapshots of Ordnance Survey Data for the years 1998 to 2003 inclusive have now been made available by Ordnance Survey and can be consulted on a PC in the Map Department. This service has proved very popular with readers. Apart from buying printouts, many of them find it useful for quick reference purposes, as a way of finding National Grid References and of checking contour and spot-height values. The Library renewed its



CAMBRIDGE UNIVERSITY LIBRARY

Featured Book

Rare Books Home | Reading Room | Collections | [Specialist Catalogues](#) | Rare Books Electronic Resources | Rare Books Events | Contact Us

La comedia di Dante Alighieri con la nova esposizione di Alessandro Vellutello
Venice: Francesco Marcolini, 1544. SSS.56.5



The fourth circle of Hell. Click for full page.



The souls ascend to the Empyrean. Dante looks down to see how far he has travelled. *Paradiso* XXVII



Dante and Beatrice with the wise and the learned in the sphere of the sun. *Paradiso* X. Click for larger image.

Dante's *Commedia* was first printed in Foligno in 1472. The fifteenth century saw a total of fifteen editions, most of them with a commentary on the text; Alessandro Vellutello's commentary of 1544 was the first new one to be written in the sixteenth century. Vellutello was particularly interested in clarifying the poem's historical allusions, and aimed to correct the famous commentary of the Florentine humanist Cristoforo Landino (first printed in 1481) on a number of points, as well as criticizing the edition of Dante by Pietro Bembo, printed by Aldus Manutius (Venice, 1502). The commentary was reprinted alongside that of Landino in the editions of 1564, 1578, and 1596 printed by the Sessa family in Venice. It was also reissued in 1564 by Francesco Rampazetto, who presented unsold copies of the 1544 edition as if they were new.

The edition contains a remarkable sequence of illustrations—the first entirely new cycle for a number of years. The woodcuts for the *Inferno* are highly original, showing the circles of Hell as seen from above. As well as appearing throughout the poem, they are used in the preface alongside Vellutello's discussion of the geography of Hell, with the depths and dimensions of the various circles indicated. The vogue for measuring and mapping out Hell began with the Florentine mathematician and architect Antonio Manetti (1423–1497). Manetti's calculations were never published; they were discussed in the preface to Landino's commentary of 1481, and here Vellutello takes issue with some of Manetti's claims. The woodcuts for Vellutello's edition contrast with earlier attempts to convey the whole action and narrative of each canto in a single illustration. In the ones from the *Paradiso* shown here, for example, only Dante, Beatrice, and the souls in Paradise are depicted in strikingly simple designs, against an intensely realised background of light or stars. The illustrations, like the commentary, were printed again

One of the Rare Books Department's web-pages

subscription to the EDINA current *Digimap* service and took out a new subscription to *Digimap Historic*, which provides access to all first edition Ordnance Survey County Series 1:2,500 map sheets – some of which are unavailable in the Map Department in paper form – as well as to many other editions of the maps. It also provides the opportunity to download the data into geographic information systems, etc., for manipulation. The use of equivalent maps on paper may now decrease, something that has advantages from a conservation perspective.

The DSpace Project continued to add material in both increasing numbers and from an increasingly wide range of sources; by summer 2005 it contained over 100,000 items. The project is now looking to the point at the end of 2005 when the original funding from the Cambridge-MIT Institute comes to an end. At that point it is intended that the project should

become a service to the University, and presentations were made to a number of University bodies during the year, in particular to the Planning and Resources Committee, which agreed to provide interim funding from January to July 2006 to ensure the continuation of the service until its funding could be built into the 2006-7 budgets for the University Library and the Computing Service.

The unreliability of the pneumatically operated mobile bookstacks, noted in the last report, continued despite the efforts of the Technical Maintenance staff to keep these thirty-year-old units in operation. Potential relief was signalled by the approval from HEFCE of the University's bid for funding under SRIF₃ (Science Research Infrastructure Fund), which included the bulk of the cost (around £2 million) of replacing these units. The work is planned to start in 2006 and, because of the logistical complexity of decanting over two million books and periodicals whilst maintaining a full service to readers, it will take about three years to complete.

Many of the sequences in the closed areas of the Library have had to be broken and restarted in another area because of shortage of space. This makes fetching particularly difficult. The opening of the Phase 5 extension meant that it was possible to start restoring material to its correct sequence and providing those sequences with expansion space. Despite these difficulties and the problems with the pneumatically-powered bookstacks, the average time taken to retrieve books dropped to twenty-three minutes, a commendable achievement, and one that was recognised by a grateful reader who sponsored a lunch to thank the team of bookfetchers.

Fewer user-education sessions were offered, with a significant drop in Newton hands-on training as readers became more familiar with the Voyager catalogue. To reduce the amount of staff time involved in preparing a programme, companies have increasingly been invited to deliver training sessions on their own products. Such presentations included the *Eighteenth Century Collections Online (ECCO)*, *Web of Knowledge*, *Early English Books Online (EEBO)* and *Literature Online (LION)*, including a special session on LION for graduate students in the English Faculty.

The new Assistive Technology Area 1, a name chosen in discussion with the Disability Resource Centre and a term that is becoming recognised across the sector for such facilities, became operational. The Area, created thanks to a grant from the Abbey Charitable Trust in a central location off the Catalogue Room, has been decorated in distinctive colours and is furnished with three electrically-operated, height-adjustable desks, a fixed bench at the appropriate height for wheelchair users, a range of ergonomic chairs and daylight lamps. It is equipped with a CCTV reader and two PCs, one with a large and one with a flat screen, each with a scanner, both connected to a colour printer and loaded with voice-recognition, screen-reading and magnification software. A second similar area is

planned for noisier activities such as the voice-recognition software, a braille and facilities for reading to tape or disk, but at other times will be available for quiet study to those with attention-deficit disorders. It is always gratifying to hear of the success of readers, but particularly so in the case of those disabled users with whom the staff of the Reference Department work very closely. One such, who suffers from severe dyslexia, this year achieved a starred first-class BA in history and subsequently made a point of writing to thank the Library staff, noting that 'while other libraries... raised walls, the UL found ways to meet my needs.'

The 'digital revolution' is nowhere more visible than in the changes to the output of the Library's Imaging Services. Almost all images created in the studio are now produced digitally, rather than on film, and most are supplied directly to customers in electronic form. With the growing availability of online resources, the demand for traditional photocopying continues to decline gradually, though the department nonetheless provided over 2.5 million copies during the year. The one exception to this trend is the continuing steady demand for microfilming: economists' papers from both King's College and the Marshall Library were filmed for the Bank of Italy, Tibetan manuscripts for a University department and local examination papers for the University's Local Examinations Syndicate, as well as a number of large new commercial orders from Adam Matthew Publications, ProQuest and Bell & Howell.

The Library participated in a joint bid with Corpus Christi College and Stanford University for funding from the Andrew W. Mellon Foundation to undertake a major project creating digital images of all the 600 manuscripts in the Parker Library at Corpus. Funding has been secured for the first year of what is hoped to be a four-year project, and Imaging Services will be responsible for the creation of high-resolution digital images using new staff who will be based in Corpus, supported by the technical staff in the department, with the Head of Imaging Services as project manager.

Last year's report noted the difficulties caused to self-financing departments such as Imaging Services by the imposition of overheads on staff costs and a huge increase in employer's contributions to the assistant staff pension scheme. The coming year brings a further increase of 10% in overheads and a further rise in pension contributions of almost 3%. Given that the market will only accept a certain ceiling in price rises, the future for the service is a matter for concern and a major review has begun to see how it might need to adapt.

Exhibition Centre

'WRITING POETRY: MANUSCRIPT VERSE 250 BC TO 2000 AD'

May – December 2004

Prepared by Mr Wells and opened by the Poet Laureate, Professor Andrew Motion

RIGHT

Pictured before the Gala Dinner at the opening of 'The Cambridge Illuminations' exhibition in July 2005 are the Vice-Chancellor (right), Mr Gifford Combs, sponsor of the dinner (centre), and the Librarian.

'ALL GOOD FRIENDS: DONATIONS FROM THE FRIENDS OF THE LIBRARY'

January – June 2005

Prepared by Mr Jenkins, Mr Wells and Dr Mark Nicholls, and opened by the President of the Friends of the Library, Dr David McKittrick

'THE CAMBRIDGE ILLUMINATIONS: TEN CENTURIES OF BOOK PRODUCTION IN THE MEDIEVAL WEST'

July – December 2005 (jointly with the Fitzwilliam Museum)

Prepared by an organising committee and opened (at the Fitzwilliam Museum) by Dr David Starkey

The receptions for the opening ceremonies were generously sponsored by Cambridge University Press.

Exhibitions in the North-Front corridor

'FRENCH ILLUSTRATED BOOKS FROM THE 16TH TO THE 20TH CENTURY'

June – August 2004 (to accompany the Annual Conference of the Society for French Studies at Fitzwilliam College)

Prepared by Dr Wendy Bennett and Ms Thwaite

'LIBERATION OF PARIS, 1944'

August 2004

Prepared by Dr Mitchell from Sir Charles Chadwyck-Healey's photographic collection

'AERIAL PHOTOGRAPHY IN THE TWENTIETH CENTURY AND BEYOND'

August – November 2004 (to accompany the 14th Conference of the Groupe des Cartothécaires de LIBER at the University Library)

Prepared by Ms Taylor

'FRENCH ILLUSTRATED BOOKS FROM THE 16TH TO THE 20TH CENTURY'

November 2004 – February 2005 (repeat of the earlier exhibition)

'MARGINALIA'

February – May 2005 (to coincide with the Joint Libraries' Preservation Awareness Campaign)

Prepared by Mr Harper

Michael Cameron



'70TH ANNIVERSARY OF PENGUIN BOOKS'

May – July 2005

Prepared by Mrs Allen

'RARE BOOKS OF THE SPANISH GOLDEN AGE'

July – September 2005 (to coincide with the annual conference of the Asociación Internacional Siglo de Oro at Robinson College)

Prepared by Dr Anthony Close, Ms Morcillo-García and Dr Mitchell

Items from the Library's collections were loaned to the following exhibitions:

- New York Public Library: 'The Newtonian Moment'
- The Huntington Library, San Marino, California: 'The Newtonian Moment'
- Historisches Museum der Pfalz, Speyer: 'Europas Juden im Mittelalter'
- Deutsches Historisches Museum, Berlin: 'Europas Juden im Mittelalter'
- British Museum: 'Kabuki Heroes on the Osaka Stage 1780'
- Fitzwilliam Museum, Cambridge: 'The Cambridge Illuminations: ten centuries of book production in the medieval West'.

preservation

The Anstruther Literary Trust generously provided funds to allow preservation assessment surveys to be carried out in collaboration with the National Preservation Office on the main Library's holdings of print materials; these have now been completed and the results analysed. Overall the Library emerged in a favourable light, with over 90% of its printed collections falling into the two lowest priority bands for preservation needs, a figure that compares well with those from other legal deposit libraries and with the UK stratified figure. However, some factors emerging from the reports give rise for concern. The proportion of the collections suffering from surface dirt is unacceptably high, while the lack of environmental controls in areas such as the tower, the Map Department and the open library could lead to deterioration of the stock. The Library has purchased a high-specification book-cleaning machine to combat the problem of surface dirt, and is reviewing the other recommendations contained in the reports. The environment to which borrowable books are subject outside the Library cannot, of course, be monitored.

RIGHT
The High Priest
censing the Ark of
the Covenant, from
Nicholas of Lyra,
*Postilla litteralis in
Vetus et Novum
Testamentum*
(c.1457) in The
Cambridge
Illuminations
exhibition.

These considerations led to the Syndicate's decision in June 2005 to approve the removal of several classes containing mainly nineteenth-century materials into more suitable storage and to withdraw them from borrowable categories. This change was made in order to provide greater protection for this vulnerable material, much of which is printed on poor paper and has fragile bindings.



The demands of exhibition loans placed considerable pressure on the Conservation Department, which had to prepare the items for display, make suitable perspex cradles, and construct the packing for the carrying cases to ensure that the fragile documents were not damaged in transit. This applied particularly to the two large-scale exhibitions in which the Library was a major participant: 'The Newtonian Moment' in New York



Harpers on a sea of
glass, from a
commentary on
Revelation (c.1270-
1275) in The
Cambridge
Illuminations
exhibition.



The Battle-Array of Carberry-hill near Edinburgh with the surrender of Mary Queen of Scots... Done from the original (1738). Purchased 2004.

and California, and 'The Cambridge Illuminations' at the Library and the Fitzwilliam Museum.

A major piece of work has been the conservation of the Cambridge Lute Music manuscripts, which constitute the most important source of English lute music of the sixteenth century and earlier. The collection contains almost half the extant English lute music, with four of the volumes containing over 700 pieces. These manuscripts have been unavailable to readers because of their fragile condition, due in part to previous inappropriate repairs and significant weakening of the leaves caused by mould and water damage. The old repairs have now been replaced with appropriate support using Japanese hand-made paper, and the manuscripts have been rebound in a style that allows them to open with greater flexibility. They are also protected in drop-spine boxes.



RIGHT A man dropping a weight through an imagined hole in the earth's surface and its final lodging place at the centre, from Gossuin of Metz, 'L'image du monde' (c.1330), in The Cambridge Illuminations exhibition.

support services and accommodation

The introduction by the University of the RAM (Resource Allocation Model) and the requirement for new reporting and administrative procedures placed considerable strain on the Library Office. The preparation of a five-year forecast of income and expenditure was a major undertaking, particularly given the complex nature of the Library's sources of income and the need to make provision for developments several years ahead. Links between the Voyager system and the University's financial system CUFS have been improved and a considerable amount of duplicated work has been eliminated. However, a number of aspects of the CUFS system, particularly the requirement for secondary approval authorisation, its way of handling VAT, and the commitment reporting, are cumbersome and staff intensive. A further level of bureaucracy has been the introduction of a requirement to report the acquisition of 'heritage assets' valued at more than £10,000.

Use of the Official Publications Reading Room has been declining steadily, mainly as a result of the increasing number of electronic sources of access to the documents of governments and international organisations. Following a review of its use, it was agreed that the function of the room would be extended to accommodate readers using materials borrowed on inter-library loan, and possibly a wider range of periodicals, thus relieving pressure elsewhere in the building. These changes will come into full effect during the coming year.



RIGHT
A view down King Street, Sydney, New South Wales, in 1908. From the Royal Commonwealth Society Collections.



Professor Andrew Cliff, Chairman of the Library Syndicate (right), with Patrick Meyer (R.G. Carter Ltd), carrying out the topping-out ceremony for the Phase 5 extension.

dependent libraries

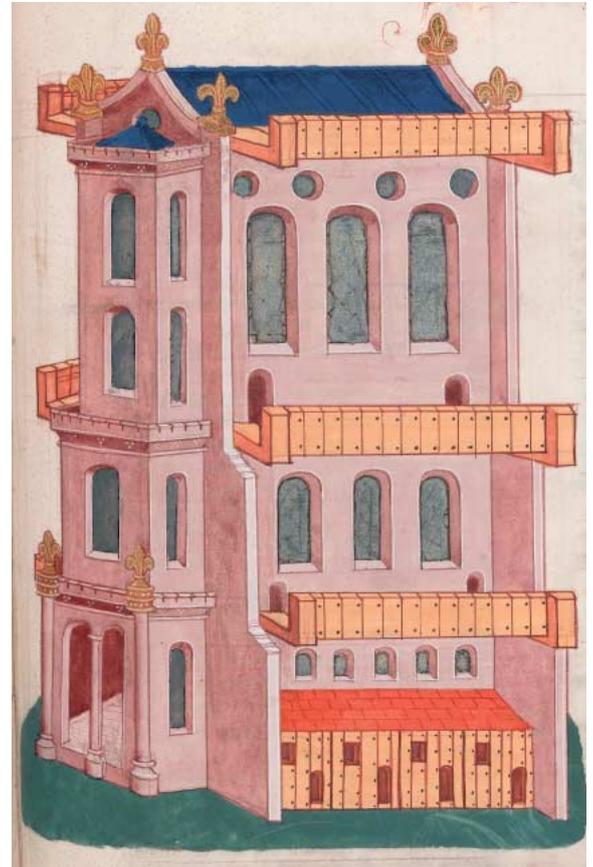
Medical Library

The Medical Library's relationship with the NHS is always a delicate one. This year the Norfolk/Suffolk/Cambridgeshire Workforce Development Directorate (WDD) merged two of its funding streams into one, thus bringing an improved clarity and sense of purpose to the way in which the library receives NHS support. On the other hand, the plans for shelving the proposed NHS University and news that continuing professional development would no longer be funded through the WDDs raised worrying doubts about the NHS's long-term commitment to those activities for which library services are an integral part. This was set against a pattern of constantly increasing use of the Medical Library's services by NHS staff who, this year, represented 65% of all new registrations.

The Medical Library has consistently been ahead of the trend towards electronic information provision. Again this year, readers' requests for new journals were predominantly for online access, and whilst there has been a rapid growth in the number of freely-available peer-reviewed open-access titles (chiefly from the BioMed Central stable) demand for subscription-based titles remained high.

Science libraries

The Betty and Gordon Moore Library increasingly provides a service well beyond the confines of its immediate user group in the Centre for Mathematical Sciences, with over half its registered users now coming from outside that Centre, the next



RIGHT
Solomon's Temple,
from Nicholas of
Lyra, 'Postilla
litteralis in Vetus et
Novum
Testamentum'
(c.1457) in The
Cambridge
Illuminations
exhibition.

largest category being from the Department of Engineering. The Library's successful bid for SRIF3 funding included a further installation of mobile shelving in the Moore. This was in the original plans for the building but had to be dropped at a late stage in the construction of the library because of lack of funds. The reinstatement will provide the library with additional space to store back runs of journals whilst there is still demand to retain paper copies on site in Cambridge.

Squire Law Library

Following the success of the Squire's fundraising campaign in its centenary year of 2004, the Centenary Appeal Fund was boosted by £75,000 thanks to the generosity of one private benefactor. The fund now stands at nearly £400,000, well on the way to its target of £2 million. In a separate gift to the Faculty of Law the same donor provided funds for the cataloguing of many antiquarian law books and the acquisition of digital copies of manuscript law reports, and some other important manuscript texts, not currently available to scholars in Cambridge. Staff of the Squire continued to have a significant input into the accredited Freshfields Legal Research Skills programme, teaching a range of courses.



Bathing Ghats,
Benares (now
Varanasi), India,
c.1905-1906. From
the Queen Mary
Collection on
India.

The University's decision to adopt a new pay and grading structure, as directed by HEFCE, created an immense amount of work in all parts of the Library. New role descriptions had to be created for all jobs in the Library, and since few were so similar that they could be shared by more than one member of staff, this meant over 300 such descriptions, all of which had to be drawn up by the post-holder, discussed with, and checked by, their head of department and then further checked by the Deputy Librarian. By summer 2005 most had been completed and the process of matching to the new grades was about to begin.

The Library has a number of long-serving members of staff but few can match the record of Mr Barry Eaden, who, in January 2005, completed fifty years of distinguished service. Mr Eaden started work in 1955 as a junior library assistant and for many years was responsible for maintaining the *Current Serials* list. He now edits the *Readers' Handbook* and is head of the Inter-Library Loans Department. The occasion of his anniversary was marked by a lunch at which the Vice-Chancellor expressed the gratitude of the University for his exemplary service. Two staff with careers that were almost as long retired during the year: Miss Jill Alexander,



St Martin divides his cloak with the beggar, detail from the Breviary of Marie de St Pol (Paris c.1330-c.1342), in The Cambridge Illuminations exhibition.



April: a couple, from the calendar of a Book of Hours (Bruges, c. 1490) in The Cambridge Illuminations exhibition.

who joined the Library in 1958 and retired in December 2004 after a career spent mostly in the Copyright (subsequently Cataloguing) Department; and Mr Peter Bowyer, who started in 1961 and retired in September 2004, after working for much of his career in the Periodicals Department. Mr Keith McVeigh, formerly Librarian of the Squire Law Library and subsequently an Under-Librarian in the Official Publications Department, took early retirement in June 2005, Ms AnneMarie Robinson resigned her post in the Rare Books Department, and the secondment of Mr Chris Sendall to the University's Management Information Services Division, was converted into a permanent transfer from September 2004.

Among the new appointments were Dr Jill Whitelock, formerly librarian of the Whipple Library at the Department of History and Philosophy of Science, who took up her appointment as head of the Rare Books Department, and Dr Emily Mitchell, who was appointed as one of the rare books specialists.

Congratulations are due to Ms Jo Phipps, who successfully completed her distance-learning degree course at the University of Wales Aberystwyth and was awarded a first-class honours BScEcon in Information & Library Studies; and to Ms Anne Collins, who obtained an Introductory Diploma in Management after completing the course run by the

University's Staff Development Office. Four staff gained their City & Guilds of London Award in Library and Information Services: Ms Urszula Dench, Ms Angela Kiteley, Ms Jade Notley and Ms Tanya Zhimbiiev.

The University's Health and Safety Division carried out a safety audit of the main University Library. The findings were reasonably positive but it was clear that additional training and support were needed, especially at the level of departmental managers. Since the audit, all heads of department have received risk-assessment training from the Health and Safety Division, and risk assessments and safety inspections have been carried out and documented for all parts of the Library.

The death is recorded, with regret, of Mr A.B. (Joe) Britton (former deputy head of the Scientific Periodicals Library).

Munby Fellowship in Bibliography

Munby Fellow 2004-5: Dr Suzanne Reynolds, 'A catalogue of the manuscripts of Latin classical authors in the library of the Earl of Leicester, Holkham Hall'.



RIGHT
The Pardoner, from a fifteenth-century manuscript of Chaucer's 'Canterbury tales' in The Cambridge Illuminations exhibition.

calendar 2004–2005

20

September 2004

- 14th Conference of the Groupe des Cartothécaires de LIBER, held at the Library and organised by the Map Department
- European EndUser Conference, a meeting of 140 Voyager system managers and users, held in the Law Faculty and organised by the Electronic Services and Systems Division

October 2004

- Evening of talks, and a private viewing of Newton's copy of the first edition of *Principia mathematica* and his notebook on optics, both from the University Library, at Sotheby's, New York. Speakers included Professor Simon Schama of Columbia University and Professor Mordechai Feingold of the California Institute of Technology
- Benefactors' and supporters' evening, in the form of an exhibition, in the Library, of letters written by Charles Darwin and natural history specimens from Cambridge University museums collected on the voyage of the *Beagle*, followed by a dinner in Christ's College, with Sir David Attenborough as guest of honour.

January 2005

- Opening, by Dr David McKitterick, President of the Friends of the Library, of the exhibition 'All good Friends: donations from the Friends of the Library'

February 2005

- Lunchtime presentation: "'Yours sincerely, Ch. Darwin": an insight into the work of the Darwin Correspondence Project', by Dr Alison Pearn

March 2005

- Evening of talks, and a private viewing of Newton's copy of the first edition of *Principia mathematica* and his notebook on optics, both from the University Library, on the occasion of the opening of the exhibition, 'The Newtonian moment' at The Huntington Library in California. Speakers were the Librarian and Professor Mordechai Feingold of the California Institute of Technology
- Lunchtime presentation: 'Current issues for college libraries', by Joanna Ball, Sub-Librarian, Trinity College Cambridge

April 2005

- Sandars Lectures: Dr Paul Needham, Scheide Librarian at Princeton University: 'Fifteenth century printing: the work of the shops'
- Private view of Maimonides items from the University Library at Christie's, New York, and the Field Museum, Chicago

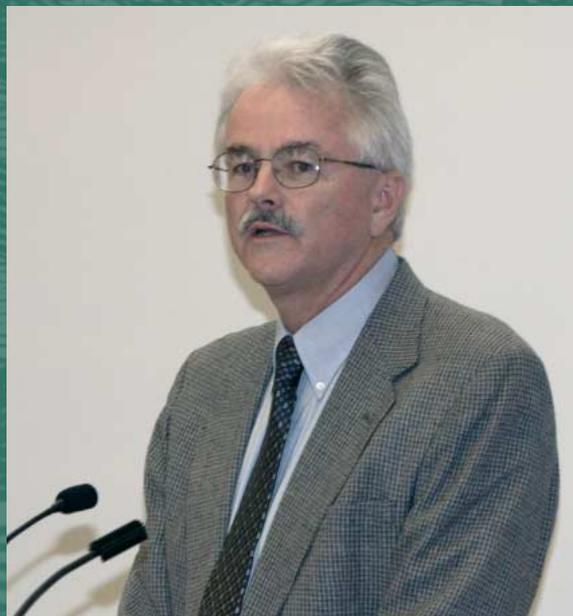
May 2005

- Inaugural Willi Steiner Memorial Lecture (in honour of Willi Steiner, formerly Assistant Librarian at the Squire Law Library) delivered by the Law Commissioner, Professor Hugh Beale, and hosted by Freshfields Bruckhaus Deringer at their offices in London

July 2005

- Opening, by Dr David Starkey, of the 'Cambridge Illuminations' exhibition at the Fitzwilliam Museum and the University Library
- Colloquium 'The passion for manuscripts', organised in conjunction with the 'Cambridge Illuminations' exhibition

RIGHT
Wil Frost,
University of
Hawaii at Manoa
& President of the
Endeavor EndUser
Board, speaking at
the EndUser
Conference in
September 2004.



major financial donations, grants, research grants and trust-funds expenditure (£5,000 and over)

Acquisitions

Sixth Earl of Enniskillen Fund	Acquisitions of books in specified subjects	£210,000
Lisbet Rausing Charitable Fund	Acquisitions	£50,000
Kaplanoff Fund	American studies material	£30,000
A D Nock Fund	Modern foreign books	£30,000
Freshfields Bruckhaus Deringer	Electronic legal resources	£22,000
City Solicitors' Educational Trust	Text books, periodical subscriptions and electronic resources for the Squire Law Library	£15,000
LexisNexis Martindale-Hubbell	Purchases for the Squire Law Library	£15,000
Gordon Duff Fund	Rare books	£10,000
Cambridge University Press	CUP books for the Central Science, Medical, Moore and Squire Libraries	£10,000
Dorothea Oschinsky Fund	Acquisitions	£8,000
Friends of Cambridge University Library	Acquisitions	£7,000
American Study Fund	Acquisitions	£6,000

Special projects

Darwin Correspondence Project

Wellcome Trust	£166,000
American Council of Learned Societies	£25,000
British Academy	£15,000
Royal Society	£7,000
Natural Environment Research Council	£5,000

Genizah Research Unit

Friedberg Genizah Project	£56,000
John S. Cohen Foundation	£10,000
The Bertha and Henry Kressel Foundation	\$10,000

Grants to Medical Library

NHS Eastern Deanery	£129,000
NHS Addenbrooke's Hospital Trust (SIFT grant)	£32,000
Medical Research Council	£31,000
NHS Norfolk/Suffolk/Cambridgeshire Workforce Development Confederation	£21,000

Other

HEFCE	Improving access to research collections	£566,000
Dr C Cooke	Bequest (part)	£458,000
Particle Physics and Astronomy Research Council	Curator of Scientific Manuscripts (final payment)	£200,000
Anonymous donation	Squire Law Library Centenary Fund	£75,000
Miss V C M London	Bequest	£39,000
Faculty of Oriental Studies (Japanese Studies Fund)	Part funding of staff in Japanese Department	£34,000
Munby Memorial Fund	Munby Fellow in Bibliography	£30,000
Trinity College Cambridge	Contribution towards Saturday afternoon opening	£30,000
JISC	CUL contributions to the Archives Hub	£26,000
British and Foreign Bible Society	Bible Society Library staff	£25,000
Mr Gifford Combs	The Cambridge Illuminations exhibition	\$35,000
Smuts Memorial Fund	Part funding of Smuts Librarian for Commonwealth Studies	£17,000
Mr Gurnee F. Hart	Building development	\$25,000
Gladys Krieble Delmas Foundation	RCS Photographs Project	\$25,000
Richard Tench Fund	Contribution towards Saturday afternoon opening	£14,000
William Alwyn Foundation	William Alwyn Archive Cataloguing Project	£7,000
Diana Herzog Family Fund	General support	\$10,000
Friends of Cambridge University Library	Exhibition costs	£5,000
Sandars Readership in Bibliography	Sandars Lectures	£5,000
Mr A E B Owen	Catalogue of Western manuscripts	£5,000

statistics

The statistics normally refer to the main University Library building only; where indicated* they include the dependent libraries.

	2004-05	2003-04	2002-03	1994-95
Additions to stock				
Books and pamphlets*	113,218	117,627	127,610	114,691
Periodicals and newspapers*	150,856	153,609	149,176	135,382
Microfilm reels*	4,277	4,063	3,111	4,758
Microfiche units*	2,774	20,832	19,320	49,078
Official Publications	26,809	37,073	41,478	47,053
Maps and atlases	22,650	12,448	9,955	11,035
Printed music	5,237	8,343	7,410	5,996
Manuscripts and archives	3,376	4,133	3,267	2,260
Cambridge theses	1,171	914	924	949
New entries added to the Catalogue	73,094	71,002	58,658	63,604
Items fetched:				
West Room bookfetching				
– Select books	34,003	32,994	31,345	44,890
– Reading Room classes	54,337	51,428	51,732	65,089
– Reserved periodicals	36,732	38,253	40,037	68,733
Manuscripts Reading Room	9,776	12,616	12,785	15,441
Map Room	16,798	13,633	20,215	13,555
Anderson Room & East Asian RR	2,449	2,101	1,715	2,044
Official Publications	7,945	8,319	10,250	24,707
Microforms	9,533	14,129	15,551	12,281
Rare Books Reading Room	41,862	41,773	41,083	53,430
Bible Society's Library	847	713	920	1,517
TOTAL	214,282	216,229	225,633	301,687
Bindery/Conservation Output				
Modern case work	23,179	23,342	22,349	18,446
Modern repair work	1,184	1,394	1,696	2,997
Rebacking and minor repairs	1,789	2,133	2,275	5,241
Lyfguarding	8,749	7,572	8,676	9,851
Imaging Services Department				
Digital images	16,236	12,852	3,649	
Prints made from negatives	758	1,259	1,476	2,621
Microfilm frames exposed	265,469	259,969	257,141	460,026
Microfilm duplicates (frames)	630,000	480,000	401,000	886,080
Photocopies (includes Moore, Squire and CSL)	2,502,277	2,634,796	2,979,445	1,055,056
Expenditure on purchased acquisitions				
Main Library	£	£	£	£
Modern Western books	645,013	443,342	379,897	529,440
Official Publications	9,810	9,994	16,389	20,673
Oriental Near Eastern	33,070	24,794	30,900	23,756
Oriental Far Eastern	53,743	58,542	66,197	85,025
Maps	33,177	31,974	39,887	62,085
Music	33,928	30,099	36,191	42,973
Rare books and manuscripts	141,691	295,218	229,813	423,196
Electronic resources and microforms	459,194	475,806	402,926	179,254
Periodicals	924,059	908,937	913,183	913,565
TOTAL	2,333,685	2,278,706	2,115,383	2,279,967

	£	£	£	£
Medical Library				
Books	39,042	14,645	16,183	22,242
Periodicals	189,313	189,887	191,000	119,702
Science Libraries				
Books	6,039	11,784	9,054	918
Periodicals	805,152	821,098	774,340	407,282
Squire Law Library				
Books	34,398	25,686	25,839	20,552
Periodicals	201,870	203,827	220,987	159,140
TOTAL	3,609,499	3,545,633	3,352,786	3,009,803

library staff – professional activities

Publications, papers presented, membership of committees

M.C. Allen

Committee membership

Agency for the Legal Deposit Libraries, Management Committee
Legal Deposit Libraries Committee, Collection Development Subgroup

C. Anson

Committee membership

National Council on Orientalist Library Resources (Treasurer)

R.M. Andrewes

Committee membership

Bliss Trust (Trustee)
RISM (UK) Trust (Trustee and Treasurer)
William Alwyn Foundation (Trustee)
Cambridge University Musical Society (Vice President, and
Committee member)
RILM Technical Advisory Committee

C.A. Aylmer

Paper presented

'Internet resources for Chinese Studies', National Council on Orientalist
Library Resources Seminar, Cambridge, September 2004

Committee membership

China Library Group, Periodicals Sub-committee

I.M. Burke

Committee membership

Library Syndicate (staff representative)
IT Syndicate, Technical Sub-Committee
Cambridge University Libraries Automation Group Steering Committee

G.D. Bye

Committee membership

British Standards Institute, Committee for Micrographics and Digitisation
National Preservation Office, Micrographics Technical Committee
Library Syndicate (staff representative)

S.M. Cage

Editor: University Library *Staff Bulletin*

L. Chipman

'Maimonides autographs linked', *Genizah Fragments* 48 (2004)

C.T. Clarkson

Committee membership

University's Disability Forum
Working Group on Blind and Visually Impaired Students

A. Collins

Committee membership

Clinical School Heads of Service Group

Clinical School Learning Resources Group

Higher Education Health Librarians in the Eastern Region

NHS Norfolk/Suffolk/Cambridgeshire Workforce Development

Directorate Library & Knowledge Services Group

J. Cox

'The Footlights Archive', *Cambridge University Library Readers' Newsletter*
(April 2005)

Committee membership

Janus Steering Group (Chair)
Cambridge Archivists' Group (Secretary)
Society for the Study of the History of the University (Secretary)
CamSIS Steering Group
'Cantab' Developers' Group

L. Dingle

*Serbia Rule of Law Project: improving the information resources and
educational facilities at Serbian law faculties*, USAID Report (Arlington
VA 2005)

'A summary of recent constitutional reform in the United Kingdom,
International Journal of Legal Information, 33 (2005) [with B. Miller]

Y. Faghihi

Papers presented:

'Digital cataloguing of Oriental manuscripts', National Council on
Orientalist Library Resources Seminar, Cambridge, September 2004
'Spezialsammlungen, Sammlungsschwerpunkte und Projekte der
elektronischen Fachinformation zum Vorderen Orient an britischen
Bibliotheken', workshop: Elektronische Fachinformation zur Region
des Vorderen Orients und zur Islamwissenschaft', Halle, January 2005
'The Cambridge collections', conference: The Islamic Manuscript,
Cambridge, July 2005

Committee membership

Association of Islamic Manuscripts, Steering Committee

P.K. Fox

'Changing LIBER' in *Die innovative Bibliothek; Elmar Mittler zum 65.
Geburtstag*, hrsg. von E. Kolding Nielsen, K.G. Saur und K. Ceynowa
(München 2005)

Papers presented

'Cambridge University Library – from oracle bones to CD-ROM',
Cambridge in America alumni evening, New York, October 2004;
evening for supporters of The Huntington Library, San Marino,
California, March 2005

'Garnering support: top down and bottom up', LEADIRS: LEARNING
about Digital Institutional Repositories seminars, London,
November 2004

Committee membership

National Preservation Office Board (Chairman)

Wellcome Trust Library Advisory Committee (Chairman)
 LIBER: Ligue des Bibliothèques Européennes de Recherche (General Secretary)
 Department for Culture, Media and Sport, Legal Deposit Advisory Panel
 Joint Committee on Legal Deposit
 Friends of the National Libraries, Executive Committee
 Lord Chancellor's Advisory Council on National Records and Archives
 International Editorial Board, *Journal of Library Administration*

P.J. Girling

'Every which way but loose: bulk import in Cambridge' [with J.R.H. Taylor], European Endeavor User Group Conference, Cambridge, September 2004

Committee membership

Cambridge University Libraries Automation Group Steering Committee
 Union Catalogue Working Group for Bibliographic Standards

L.J. Gray

Committee membership

Endeavor User Group, End User Board
 Endeavor User Group: Circulation Enhancements Committee (Chair)
 Cambridge University Libraries Automation Group Steering Committee

D.J. Hall

Seven articles in *The Oxford Dictionary of National Biography* (Oxford 2004)
 Associate Editor *The Oxford Dictionary of National Biography* (Oxford 2004)

Committee membership

Dr Williams' Trust (Trustee and Library Committee member)
 Cambridge Bibliographical Society
 Friends of Cambridge University Library (Treasurer)

J.J. Hall

Committee membership

Cambridge Bibliographical Society (Treasurer)

S.J. Hills

Editor: University Library *Readers' Newsletter*

J.E. Hoare

'"Newly discovered documents" at the Gilder Lehrman Institute of American History', *Resources for American Studies*, 58 (2005)

Committee membership

British Association for American Studies, Library and Resources Subcommittee (Secretary)

R.C. Jamieson

Committee membership

Faculty of Divinity, Working Group on Online Resources for Indic Studies (Chairman)
 Union Handlist of Manuscripts in North Indian Languages
 National Council on Orientalist Library Resources, Automation Working Party

B. Jenkins

Paper presented

'One large collection saved: the Royal Commonwealth Society Library', Rare Books Group/CILIP Seminar on Libraries in Danger, London, April 2005

Committee membership

English Short Title Catalogue, UK Committee
 National Preservation Office, Preservation Advisory Panel
 Legal Deposit Libraries Committee, Preservation Sub-Group
 Brotherton Collection Advisory Committee
 Cambridge Bibliographical Society

P. Killiard

Paper presented

'Voyager with Unicode: the Cambridge test conversion', UK End User Conference, Glasgow, February 2005

Committee membership

Joint Committee on Legal Deposit, E-journals Working Group
 Legal Deposit Libraries Sub-Group on Digital Infrastructure
 Legal Deposit Libraries Sub-Group on Preservation
 European Voyager User Group Steering Committee

N. Koyama

Article on James Summers in *The Oxford Dictionary of National Biography* (Oxford 2004)

Articles on 'Kikuchi Dairoku, 1855-1917: Educational Administrator and Pioneer of Modern Mathematical Education in Japan' and 'Yoshimoto Tadasu, 1878-1973: Father of the Blind in Japan' in *Britain & Japan Biographical Portraits*, Volume V, ed. by Hugh Cortazzi (Folkestone 2005)

Paper presented

'Early Japanese diplomats in Madrid: Inagaki Manjiro and others, using resources for Japanese studies available from the internet', European Association of Japanese Resource Specialists Annual Conference, Salamanca, September 2004.

Committee membership

Japan Library Group (Chair)
 European Association of Japanese Resource Specialists (board member)

S.V. Lambert

Book reviews editor, *The Indexer*

Committee membership

Joint Committee on Legal Deposit, Territoriality Working Group
 Morgan and Claypool Development Partner Program for their Synthesis Digital Library

J.A. Leary

Committee membership

Clinical School Building Safety Committee
 Clinical School Heads of Service Group

E. Lev

'The end of the traditional medicine in Jerusalem according to the Swiss physician Titus Tobler (1806-77)' [with Z. Amar], *Canadian Bulletin for the History of Medicine* 21 (2004)

'The contribution of the sixteenth-century Turkish physician, Daud al-Antaki to the study of medical substances in the Levant (*Bilad al-Sham*)', *Jerusalem and the Land of Israel*, 2 (2004) [Hebrew]

'Dr Thomas Chaplin, scientist and scholar in nineteenth-century Palestine' [with Y. Perry], *Palestine Exploration Quarterly*, 136 (2004)

'Mousterian vegetal food in Kebara Cave, Mt Carmel' [with M.E. Kislev and O. Bar-Yosef], *Journal of Archaeological Sciences*, 32 (2005)

Papers presented

Five conference papers

D.K. Lowe

Committee membership

German Studies Library Group (*Newsletter* editor)

P.M. Meadows

Committee membership

Cambridgeshire County Archives Advisory Group
 Degree Sub-committee for Master of Studies in Local and Regional History

S. Morcillo-García

Committee membership

Advisory Council on Latin American and Iberian Information Resources

P.B. Morgan

Papers presented

'Developing a digital institutional repository: the DSpace@Cambridge project', European Association for Health Information & Libraries Conference, Santander, September 2004

Papers at several workshops on institutional repositories and digital archiving

Committee membership

Addenbrooke's NHS Trust Learning & Development Strategy Group
 BMJ Publishing Group Library Advisory Panel
 Clinical School/Addenbrooke's Hospital SIFT Liaison Group
 Clinical School CBCU Management Committee
 Clinical School Heads of Service Group
 Clinical School Learning Resources Group
 European Association for Health Information & Libraries, UK representative, EAHIL Council
 Higher Education Health Librarians in the Eastern Region
 NHS Norfolk/Suffolk/Cambridgeshire Workforce Development Directorate Library & Knowledge Services Group

A.E. Murray

Elected Vice-President (2005-2009) by the Fellows of Wolfson College, May 2005

Paper presented

'Cambridge University Library: preserving the past and building for the future', Library Association of Ireland Academic and Special Libraries AGM, Dublin, June 2005.

Committee membership

Legal Deposit Libraries Agency Management Committee
SCONUL Advisory Committee on Staffing

W.A. Noblett

Book reviews in *CILIP Rare Books Group Newsletter*

Committee membership

BOPCRIS Steering Committee
History of Parliament Trust Ad-hoc Committee for Digitisation
ESRC Population History Group, Advisory Committee

B. Outhwaite

'Maimonides autographs linked', *Genizah Fragments*, 48 (2004)
'Library yields surprise find', *Genizah Fragments*, 49 (2005)

A.J. Perkins**Committee membership**

International Astronomical Union, Commission for History of Astronomy, Working Group on Astronomical Archives.
Royal Society Library Committee

S. C. Reif

'Ein Genisa-Fragment des Tischdank', in *Liturgie als Theologie: das Gebet als Zentrum im jüdischen Denken*, ed. by W. Homolka (Berlin 2005)
'Giblews, Jews and Genizah views', *Journal of Jewish Studies* 55 (2004)
'Prayer in early Judaism', in *Deuterocanonical and cognate literature, Yearbook 2004, Prayer from Tobit to Qumran*, ed. by R. Egger-Wenzel and J. Corley (Berlin 2004)
'Shema: Mittelalter und Neuzeit' in *Religion in Geschichte und Gegenwart*, vol. 7 (Tübingen 2004)
'Tafqīdam shel ha-genizah ha-qahirit be-ḥequer toledot ha-tefillah', in *Mitokh Ohalah Shel Torah*, ed. by G. Patinkin, I. Gal-Dor and H. Fine (Bet Shemesh 2005)

Book reviews in *Journal of Theological Studies*, *Journal of Jewish Studies* and *SOTS Book List*

Editor: *Genizah Series*, *Genizah Fragments*

Papers presented

Thirty-seven lectures and conference papers

Committee membership

National Council on Orientalist Library Resources (Chairman)
International Society for the Study of Deuterocanonical and Cognate Literature
Friedberg Genizah Project, Academic Committee

J.S. Ringrose

'Efraim Nahum, 1918-1942', *Pembroke College Cambridge Society Annual Gazette* (2004)

R. Rowe

'What you didn't expect to find in the Royal Commonwealth Society collections in Cambridge University Library', *Cambridge University Libraries Information Bulletin* (2005)

Paper presented

'Exhibit and be damned' [with Dr K. Greenbank], National Council on Orientalist Library Resources Annual Conference, Cambridge, December 2004.

Committee membership

South Asian Archives and Library Group, Steering Group
Centre of South Asian Studies, Committee of Management (Secretary)

R. Scrivens

Reviews Editor: *Solamus: International Journal for Russian and East European Bibliographic, Library and Publishing Studies*

Committee membership

Council for Slavonic and East European Libraries and Information Services

A. Shvitiel

'Takālid', in *Encyclopaedia of Islam*, vol. 12 (Leiden 2004)
'Word-lists uncovered', *Genizah Fragments*, 49 (2005)

N.A. Smith**Committee membership**

Cambridge Bibliographical Society (Secretary)

C. Staufenbiel**Committee membership**

German Studies Library Group

A.E.M. Taylor

'Cambridge University Library Map Department', *MapForum*, 5 (2005)
'Map Department web pages', *Cambridge University Library Readers' Newsletter*, 29 (2005)

Editor, *Bulletin of the Friends of Cambridge University Library*

Committee membership

British and Irish Committee for Map Information and Catalogue Systems (BRICMICS)
Charles Close Society Archives Sub-committee
Groupe des Cartothécaires de LIBER (Board member)
MapForum (Editorial Board member)
Cambridge Library Group (Membership Secretary)
Library Syndicate (staff representative)

J.R.H. Taylor

'The RLG Union Catalog reveals the richness of Cambridge University Library's collections', *RLG Focus*, 73 (2005)

Committee membership

Legal Deposit Libraries Committee, Metadata Group
CURL Resource Discovery and Description Committee
RLG Union Catalog Advisory Group
Joint Steering Committee for Revision of Anglo-American Cataloguing Rules
SUNCAT Bibliographic Quality Advisory Group.

J.D. Wells

Articles on Sir John Valentine Carden, Thomas Gilliland and Sir Harry Smith Parkes in *The Oxford Dictionary of National Biography* (Oxford 2004)
'George Szirtes' papers', *Cambridge University Library Readers' Newsletter*, 28 (2004)
'The Friends and the Exhibition Centre', *Bulletin of the Friends of Cambridge University Library* (2004)
'Under scrutiny: an epigram and its readers', *Poetry News* (2005)
'Distrest poets' society', *RSL* [magazine of the Royal Society of Literature] (2005)
Committee membership
Friends of Cambridge University Library (Secretary)

J. Whitelock

Editor: *Transactions of the Cambridge Bibliographical Society and Monographs*

Committee membership

Friends of Cambridge University Library

D.F. Wills

'Squire Law Library: celebrating one hundred years', *Cambridge LawLink, Faculty of Law Newsletter*, 5 (2004)

M.L. Wilson**Committee membership**

Central European Science Journals, Library Advisory Board

P.N.R. Zutshi

'Henry Bradshaw and the Book of Deer', in *The medieval book and a modern collector: essays in honour of Toshiyuki Takamiya*, ed. by T. Matsuda, R.A. Linenthal and J. Scahill (Woodbridge 2004)
'Honorius III's *Gratiarum omnium* and the beginnings of the Dominican Order', in *Omnia disce: medieval studies in memory of Leonard Boyle, OP*, ed. by A.J. Duggan, J. Greatrex and B. Bolton (Aldershot 2004)
General Editor, *The History of the University of Cambridge: Texts and Studies*

Paper presented

'Popes, petitioners, proctors: the development of curial institutions, c.1150-c.1250', XVI Settimana internazionale di Studi, Passo della Mendola, August 2004

Committee membership

Oxford University Archives Committee
Advisory and Technical Panel, Northamptonshire Record Office
East of England Regional Archives Council (SCONUL and RLG representative)
'Cambridge Illuminations' Steering Committee
Charles Darwin Trust (Trustee)

annual report of the friends of cambridge university library 2004–2005

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President:

Dr D. J. McKitterick.

Patron Members:

Mr T. Aoi, Lady Butterfield, Mr D. Dibner,
Mr J. Ehrman, Dr G. E. Moore and Mr N. Waddleton.

Benefactor Members:

Sir Ian Anstruther, Bart, Mr H. S. Barlow,
Mr M. E. Boston, Mr J. H. Brandi, Mr J. J. G. Brown,
Mrs M. G. Cheney, Dr D. Cohen, Major and
Mrs P. G. Cox, Mr P. Durie, The Hon. Mr S. Evans-
Freke, Mr N. Farrow, Mr R. Gidoomal, Mr G. F. Hart,
Sir Kirby and Lady Laing, Dr E. S. Leedham-Green,
Professor J. Marrow, Mr R. Menschel, Mrs J. E. Mellor,
Mr A. E. B. Owen, Professor N. J. G. Pounds,
Dr L. Rausing, Dr E. Rose, Dr R. D. Sansom and
Ms E. Eligator, Lady Scott, Dr W. Stanners,
Lord Tugendhat and Mr D. L. Walker.

The Committee

The Committee members on 31 July 2005 were:
Dr D. J. McKitterick (President), Mr H. J. Easterling,
Professor M. M. Foot, Mr P. K. Fox, Mr R. Gaskell,
Mr D. J. Hall (Hon. Treasurer), Mrs P. Hunt,
Dr W. M. Keynes, Dr A. M. Nicholls, Mr A. L. Ray,
Ms A. E. M. Taylor, Mr J. D. Wells (Hon. Secretary),
Dr J. Whitelock (co-opted), Dr F. H. Willmoth and
Mrs J. Winterkorn.

The Committee met four times during the year, on
15 October and 10 December 2004 and 21 January and
26 May 2005. At the Annual General Meeting on
20 November 2004 Dr McKitterick was elected as
President of the Friends. Mr B. J. Ford and Dr L. C. Taub,
having come to the end of their second three-year terms
on the Committee, stood down. Mr Fox and Ms Taylor,
who had previously served as co-opted members of the
Committee, were elected to three-year terms.

Membership

In July 2005 there were approximately 700 members of
the Friends.

Volunteers

Our loyal team of volunteers again staffed the sales
desk in the Library's Entrance Hall, which opened for
business on every weekday in the run-up to
Christmas and on Thursdays throughout the year,
excepting January. Members of the same team,
assisted by Mr Easterling and Professor A. W. F.

Edwards, helped with mailings to the Friends. Mr D.
Turnidge has made an important contribution to the
work of the Near Eastern Department. The Committee
expresses its gratitude to all who have volunteered
their services in the past year.

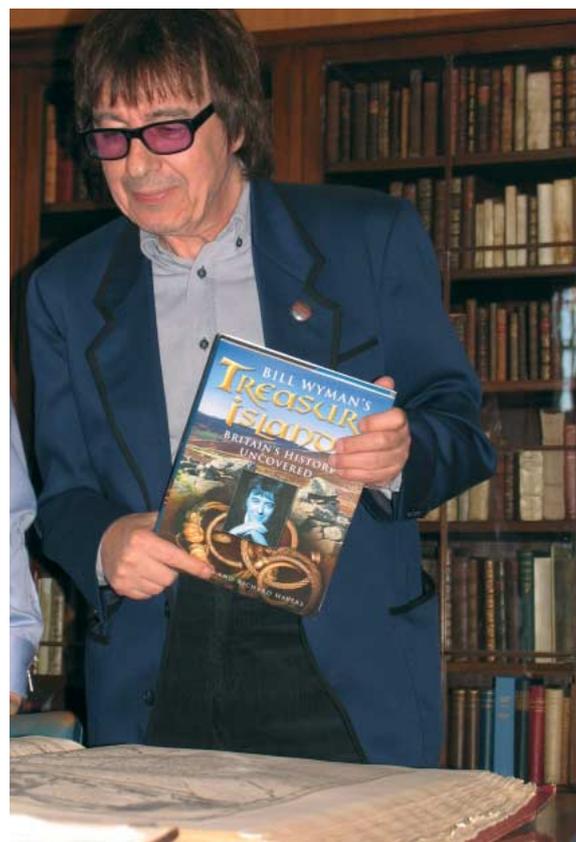
The Friends' Bulletin

Issue number 25 of the *Friends' Bulletin*, for the year
2004, was posted to members in January 2005.
Successive issues of the Library's *Readers' newsletter*
have been distributed to Friends in the regular
mailings.

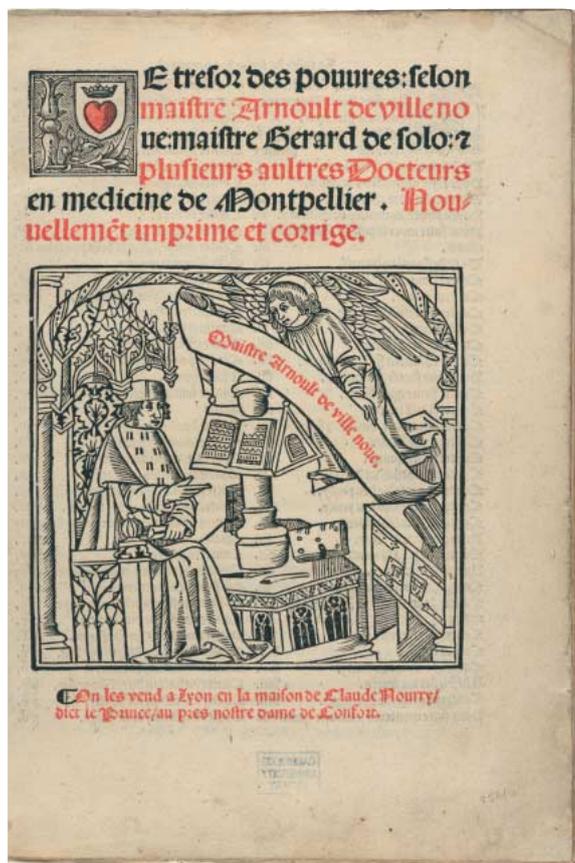
Purchases and Donations

The Financial Panel met on 28 June 2005 and
considered for purchase a variety of books, music,
maps and manuscripts selected and described by
members of the Library's staff. The total sum
expended by the Panel on this occasion was £6,303.

The Panel bought outright Christian Xavier Wabst,
*De hydrargyro tentamen physico-chemico-medicum, pars
prior* (all published) (Vindobonae [Vienna]: ex
typographia Trattneriana, 1754); a plan and two views
of Canterbury (London c.1707); a map intended to
illustrate the threatened invasion of England by



RIGHT
Bill Wyman,
former bass player
with the Rolling
Stones, on his visit
to the Library in
May 2005.



Arnald of Villanova, *Le tresor des pources* (Lyon 1527). Purchased with assistance from the Friends of the Library, 2005.

Bonaparte (London 1804); a plan of the city of Norwich, drawn by J. Ninham, engraved by T. Smith ([Norwich] 1802); the autograph full score of the oratorio 'The Shunammite' by George Garrett; a lithographic print of the full score of the operetta 'The catch of the season' (music by Herbert Edgar Haines and Evelyn Baker) with the words in Hungarian, under the title 'A Bálkirá lyné' (Budapest 1907); and diaries, correspondence and papers of John Goodland (1919-1978), editor and conservationist. In addition to these purchases the Panel made contributions towards the purchase of Sebastian a Matre Dei, *Firmamentum symbolicum, in quo Deiparæ elogia ...* (Lublina: Sumptibus Georgii Forsteri, 1652), and Arnald of Villanova (d.1311), *Le tresor des pources: selon maistre Arnoult de vilenove, maistre Gerard de solo, et plusieurs aultres Docteurs en medicine de Montpellier, Nouvellement imprime et corrige* (Lyon: Claude Nourry, 1527). In addition to expenditure by the Financial Panel, at its meeting on 10 December 2004 the Committee approved a contribution of £1,000 towards the cost of purchasing Johannes Dryander, *Anatomiae, hoc est, corporis humani dissectionis pars prior ...* (Marburg 1537). Donations received in memory of Sir Alan Cook were also contributed to the cost of this volume, exemplifying as it does the field of the history of science in which Sir Alan took so strong an interest.

For individual donations of books and other items, the Committee is grateful to Mr A. J. C. Bainton, Dr P. W. Hawkes, Dr W. M. Keynes, Dr M. G. Morrison, Dr A. M. Nicholls and Mr D. G. Chandler, Dr T. P. Underhill, Mr M. Vorberg, Mr J. D. Wells and Dr P. N. R. Zutshi. The Committee thanks all Friends, in particular life members, who have made contributions in excess of the basic subscription.

Activities

2004-2005 saw a busy and varied programme of activities. The year's set of speaker meetings was initiated by John Kerrigan after the Annual General Meeting on 20 November 2004, with a talk entitled 'Changing the geopolitics: Shakespeare to Defoe'. On 24 November the eminent conservator Nicholas Pickwood spoke of his experiences working on 'A little known library in Ulster: a look at the Derry Diocesan Library'. Mr Ben Barkow gave an account of the founding, history and collections of a remarkable specialist library on 23 February 2005, in a talk on 'The Wiener Library: a German Jewish response to the Holocaust'. On 2 March Dr Alison Pearn, of the Darwin Correspondence Project based in the Library, gave a talk entitled "'You can't get there from here": editing the correspondence of Charles Darwin'. An interesting overview of another specialist library in London was provided on 14 May by Mr Bernard Nurse, who spoke on 'The Library of the Society of Antiquaries of London: three centuries of collecting'.

A musical element was added to the Friends' programme on 16 March 2005, in the form of a piano recital by Mrs Lindesay Dixon, featuring works by Bach, Beethoven, Chopin and Liszt. The event was organised in conjunction with Trinity College Music Society, and took place in Trinity College Chapel. We are extremely grateful to Mrs Dixon for putting her talents at the service of the Friends.

The Friends' link with the Library's Exhibition Centre was emphasised by three events during the course of the year. On Saturday 4 December 2004, towards the close of the 'Writing Poetry' exhibition, Professor James Diggle, Professor Peter J. Lucas, Dr David Money and Mr John Wells gave a reading of poems derived from manuscripts featured the exhibition, with introductions and translations. Friends were invited to attend a reception held on 24 January 2005 to mark the opening of 'All Good Friends', an exhibition highlighting the support given to the Library by the Friends in the course of their first quarter-century. On 30 July, to mark the opening of the major medieval manuscript



Sebastian a Matre Dei, *Firmamentum symbolicum* (Lublin 1652). Purchased with assistance from the Friends of the Library, 2005.

exhibition 'The Cambridge Illuminations', Dr Stella Panayotova of the Fitzwilliam Museum gave an illustrated talk on the themes of the exhibition, illustrated by slides of some of the treasures on show.

The social highlight of the Friends' year was undoubtedly the 25th Anniversary Party held in Trinity College on 1 July 2005. The evening began with a display of rare books and manuscripts in the Wren Library, with musical entertainment from 'Byrd Song' consisting of music from the age of Wren. Drinks and a buffet supper were then served on the Bowling Green, the Fellows' private garden,

noted for its magnificent herbaceous border and a terrace with fine views overlooking the river. We are grateful to our President, Dr McKitterick, and to Professor Foot of the Committee, for making this event possible.

Obituary

We record with regret the deaths of the following members: Dame Rosemary Murray, Mr B. Blackwood, and Miss J. Smith.

ABBREVIATIONS

CURL	Consortium of University Research Libraries
HEFCE	Higher Education Funding Council for England
JISC	Joint Information Systems Committee (of the higher education funding councils)
LDAP	Legal Deposit Advisory Panel
LIBER	Ligue des Bibliothèques Européennes de Recherche
MIT	Massachusetts Institute of Technology
NHS	National Health Service
RCS	Royal Commonwealth Society
RLG	Research Libraries Group
SCONUL	Society of College, National and University Libraries

