Thank Heaven for Dry Salt Mines

Several members have contacted us over the past few weeks with worried questions spurred by reports of a major mold infestation in a limestone mine, book storage facility being rented by the University of Missouri Library. It was initially reported that up to 600,000 volumes of the library’s print books would be lost due to deeply encrusted mold. Later reports indicate that some of the books can be rehabilitated. But the losses almost certainly will exceed 400,000 volumes.1 Our members were naturally worried that LLMC might be courting similar adversity in our dark archive, print repository located in salt mines near Hutchinson, KS.2

Fortunately, there is little need to worry. Basically, Mother Nature is taking care of our problems for us. At 650 ft. below surface, our materials are fairly bomb and terrorist proof. Moreover, one of the great virtues of deep salt mine storage is that the constant atmospheric conditions make the formation of mold almost impossible. The temperature does not vary more than 2 degrees F. from ca.61° all year round, and the humidity varies no more than a percentage point from ca.42%. From a book storage viewpoint, these conditions are ideal. The books retain a healthy moisture content, saving them from drying out and crumbling from brittleness, but the moisture content is way below the threshold for mold formation. As important, the constancy of both the temperature and humidity eliminates the molecular shifts in the books’ paper fabric that is the main cause of paper disintegration. Quite frankly, our books couldn’t be happier!

Furthermore, the price is right! Once we fill our initial allotment of space we will be down to well under 13 cents per-volume-per-year. It is doubtful that any library in the country is getting by for less than that. Finally, if outside testimonials provide reassurance, the moguls running the big Hollywood studios agree with us. Our Kansas salt mines serve also as the archival storage solution of choice for all of the major American film companies.

Members may find it comforting to learn that, before LLMC administrators located the salt mines option, they also looked into the limestone mines of Missouri. We rejected those options for three reasons. One mildly off-putting factor was that limestone mines are dirty. The walls never stop shedding a sticky type of dust. Secondly, limestone mines storage was quite a lot more expensive than our eventual salt mines choice. Most important, however, the limestone mines were relatively shallow, requiring year-round mechanical assistance for proper temperature and humidity maintenance. For us that was the deal breaker. We couldn’t imagine long-term preservation being ensured through regular reliance on mechanical systems. One, they always break down. Two, even if they didn’t, nobody can guarantee that funds will always be available to keep the machinery running. The unfortunate U-MO experience tells us that we apparently dodged a bullet.

Obviously, we are very happy we made the choice that we did. We think we’ve found the formula for putting “preserve” into preservation. So we hope that our members will feel reassured that the archived analog backups to our digital texts are about as secure as anything can be in this uncertain world.

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1 See e.g.: <http://www.foxnews.com/us/2014/01/29/600000-university-missouri-library-books-damaged-by-mold/>

2 Our materials have been going to the Kansas salt mines for seven years now. The initial story detailing the mine arrangements and their technical and cost justifications appeared in Issue 22 of this journal (6 Nov. 2006), archived on <www.llmc.com>.

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3– Law libraries doing right; it takes a village-p.2
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6– Honor Roll—Content Donors to date-p.4
LLMC Debuts in the Movies

It’s only a documentary; but, hey, one has to start somewhere! We’ve just received notice that, in a first, LLMC-Digital has been listed in the credits for a movie. The documentary, which focuses on law reform in India, is named No Easy Walk to Freedom. It portrays the struggle of the Indian GLBT community to get out from under the shadow of draconian penal laws passed during the British colonial period. The film makers wanted to use images from Chapter XVI, Section 377 of the Indian Penal Code, 1860. This was the seminal “unnatural offenses” provision that eventually made its way into the penal codes of most of the then existing, and even former, British colonies. The text of the original is found in our online India collection.

The reality is that these film makers probably could have used the two images in question under principles of fair use. But they wanted to be careful, and we were happy to acquiesce. So they gratefully gave LLMC credit.

The 92 minute documentary, shot in India, was produced and directed by the Canadian Nancy Nicol under the rubric of Intervention Video, Inc. It will have its world premiere on June 1st at the InsideOut Festival in Toronto, Canada. Naturally, with LLMC-Digital having a core, if humble, role, we wish it well.

Law Libraries; in the 21st Century Doing Right Takes a Village

Looked at from the lowlands of their budgets, the 21st Century has not been kind to law libraries. It hasn’t been kind to law schools, courts and law firms either; but the fate of the latter didn’t clarify until five or ten years in. The law libraries took it on the chin early, with declining budgets being the near universal theme since the turn of the century, when not before.

The principal impact of the 21st Century on libraries was the blossoming of the digital era. That emergence went in stops and starts, took its own time, and required substantial investment of start-up funds. Nevertheless, digital’s slowly-realized promise bred premature expectations from the guys in charge --- law deans, court administrators, county supervisors, managing partners --- that the new technologies would yield “digital dividends” that would finally permit their expensive law libraries to be run on the cheap.

Unfortunately, some of these authorities wanted to collect their “digital dividends” before they had earned them. Many libraries were put into almost impossible situations; commanded to reduce their print footprints and their overall expenses just at that time when the demands of the transition to digital were making even greater demands on their budgets. Of course there was consternation, and weeping and gnashing of teeth in some quarters. But librarians are an intrepid and plucky lot. Most just pulled up their socks and sought solutions. Told to “do more with less,” they accepted the less but undertook to redefine “more.” Besides being plucky, librarians are also a social lot. And so the thoughts of many turned to plotting ways in which they could tackle the new problems by working together.

Among the librarians who sought new ways to achieve common goals were those guiding LLMC-Fiche into the new century. Given their experience from the film years, these librarians were convinced that a responsible transition to digital could not be achieved solely by relying upon the commercial sector. In their view, while that sector would no doubt play a major role in moving some titles to digital, it had shown during the film era that it likely would do that by cherry picking and over-charging for a narrow range of popular titles, while neglecting the more obscure; and in all cases paying no real attention to long-term textual preservation.

LLMC had proved during its film existence that there was a real need for a standards-setting organization; a non-profit independent force setting standards for digital good practice, for preservation, and for fair pricing. Thus, as soon as an appropriate digital technology, i.e., imaging, became available, the

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3 For information on the screening, see <http://insideout.ca/torontofestival/film/no-easy-walk-to-freedom>.
LLMC Board resolved to recreate its film success by establishing a “TVA type” entity in the digital legal-publishing realm. That it was responding to a felt need is attested by the fact that within a year of the digital program’s launch, over 90% of all North American law school libraries, and 99% of U.S. court libraries, had signed on. In the decade since 2003, the great majority of these founding libraries have hung in there. Even better, they have been joined by other libraries, some of them general-purpose libraries who found many LLMC-Digital publications useful. Most of the latter were recruited in a partnership with the Center for Research Libraries. Annually each library contributes a small portion of its individual budget to the common cause of creating a “digital TVA” that can help guide digital legal publishing toward the common goals we all share.

The plan is working. Our next Members Meeting in July in San Antonio will mark a full decade since the libraries comprising LLMC-Fiche turned their assets and mission over to the Charter Libraries assuming responsibility for LLMC-Digital. Following a decade of work by several hundred of our colleagues, our non-profit service will be offering online over 7,000 titles, in over 85,000 volumes, in over 52-million pages. Depending upon the extent of its print holdings prior to the digital era, we now offer each of our member libraries space-recovery potential of up to 2.5 linear miles of shelving.

In July we will still be far from our stated goal of providing our members with their principal tool for managing the migration of their print collections into the digital era in a responsible manner. But we will have made enough of a giant step to assure all but the most skeptical that we will more than likely get there.

Coming this far has not been easy. It was only made possible by the contributions of a dedicated community of libraries and individual librarians. Our over 550 currently subscribing libraries are identified on our free web site: <www.llmc.com/SubscriberCommunity.asp>. More obscurely, hundreds of our librarian colleagues have contributed time and energy to make LLMC-Digital happen; some serving on our Board of Directors over the years, some serving on our Advisory Council, and some, many of them the same people, working in the ca. 150 libraries, organizations and private collections that have donated content to LLMC for scanning. We are sure to miss some names, but, as we wind up this first full decade of LLMC-Digital’s work, it is highly fitting that we try to memorialize as many as possible from the “great village” of our colleagues who made this aspiration a reality.

**Honor Roll of Colleagues whose volunteer service has made LLMC-Digital possible:**

Our colleagues serve in their individual capacities. Affiliations as given are for identification purposes only, and reflect the period when the individual served on LLMC’s Board or Advisory Council, but do not imply institutional responsibility for LLMC policies. Note that the terms indicated for some colleagues start prior to the launch of LLMC-Digital by the library members of “LLMC-Fiche.” The online service began taking shape under a five-year plan formed at the winter meeting of the “LLMC Fiche” Board of Directors in January of 2002. The service went live in September of 2003 in a partnership with the Univ. of Michigan’s Scholarly Publishing Office, which served LLMC-Digital in its initial years as an incubator host.

**LLMC Board of Directors**, serving from 2002 to date


**Billings, Carol** Dir., L.L. of Louisiana (02-04)

**Buckwalter, Bob** A.Dir., Harvard L.L. (00-03)

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4 A photo of our current Board of Directors is attached as an appendix to this issue. Pictured are: front, l/r, Barbara Garavaglia, Marcia Koslov, Judy Russell, Anne Mathewman, & Regina Smith; 2nd row, l/r, Joe Hinger, Kent McKeever, Jerry Dupont, Richard Amelung, & Kathleen Richman. It is perhaps noteworthy that, so as to be able to conduct a needful inspection of the facilities of our partner NBS the Board held its winter meeting in Minnesota during a one day interval between last February’s many blizzards,
Clark, Georgia  Dir., Wayne St.U.L.L. (02-07)
Dupont, Jerry  Honolulu, Exec.Dir., (dir.ex.off., 02-07); (dir.elec., 14-)
Fox, Darin  Dir., U.Oklahoma L.L. (09/11)
Franklin, Jonathan  A.Dir., U.Wash.L.L. (08-12)
Garavaglia, Barbara  Dir., U.Mich.L.L. (08-)
Gaskell, Judith  Dir. U.S.Univ.Ctl. (05-08)
Hinger, Joe  A.Dir., St. John’s U.L.L. (09-)
Ho, Stuart  Honolulu, Rep. U. Hawaii (01-10)
Jacobs, Roger  Dir., Notre Dame U.L.L. (02-05)
Johnson, Bruce  Dir. Ohio St.U.L.L. (05-09)
Johnston, Janice  Dir., U.Illinois L.L. (11-13)
Kauffman, Blair  Dir., Yale U.L.L. (02-04)
Koslov, Marcia  Dir., L.A. Law Library. (09-10)
Lakatos, Holly  Libn., Chicago-Kent S.L.L. (08)
Lavering, Dan  Dir., Army J.A.G. Sch. L. (10-2013)
McKeever, Kent  Dir. Columbia U.L.L. (02-04)
Mckenzie, Elizabeth  Suffolk U.L.L. (04-05)
Mills, Grace  Dir. Hamline U.L.L. (10-13)
Mirando, Louis  Osagode Hall L.L. (13-)
Monaco, Ralph  Libn., NY. Law Institute L.L. (09-)
Morrison, Ann  Dir. Dalhousie U.L.L. (06-09)
Mummy, James  Libn. Marquette U.L.L. (03-06)
Newman, Marie  Dir., Pace U.L.L. (08-)
Pagel, Scott  Dir., George Washington U.L.L. (09-)
Parham, Rita  Libn. Louisiana St. U.L.L. (03-06)
Parker, Marian  Dir. Wake Forest U.L.L. (06-09)
Partin, Gail  Dir. Dickinson S.L.L. (05-08)
Pedini, John  Libn., Social L.L. (02-05)
Peoples, Lee  Dir. Oklahoma City U.L.L. (06-09)
Percy, Kumar  Libn. Georgetown U.L.L. (08)
Persyn, Mary  Dir. Valparaiso U.L.L. (03-06)
Pearse, Michelle  Libn., Harvard U.L.L. (13-)
Podvia, Mark  Dickinson S.L.L. (13-)
Price, Jeanne  Dir., U. Nevada-LV L.L. (10-)
Price, Kathy  Dir. N.Y. Univ. L.L. (02-05)
Rae, Ann  Dir., U.Toronto L.L. (07-10)
Reynolds, Tom  A.Dir., U.C.-Berkeley L.L. (00-03)
Richman, Kathleen  San Francisco, Exec.Dir.,
(dir.ex.off., 07-)
Roehrenbeck, Carol  Rutgers-Nw. L.L. (05-08)
Russell, Judy  Dean, U. Florida Libraries (13-)
Simoni, Chris  Dir. Drexel U.L.L. (06-10)
Smith, Regina  Dir., Jenkins Memorial L.L. (07-)
Storer, Maryruth  Dir., Orange Cnty. L.L. (02-05)
Wentz, Julia  Dir., Loyola-Chicago L.L. (08-10)
Winterton, Jules  Dir., In.Ad.Leg.St, London (04-06)
Wright, Judith  Dir., U. Chicago L.L. (10-13)

LLMC Advisory Council,

serving from 2002 to date

Ahlers, Glen-Peter  Dir., Barry U.L.L. (06-11)
Anderson, Steve  Dir., Maryland St. Law Lib. (09-12)
Barden, John  Dir., Maine Law/Leg.Ref Lib. (08-)
Beard, Michael  Dir., U.Arkansas-LR L.L. (04-07)
Billings, Carol  Dir., L.L. of Louisiana (04-07)
Buckwalter, Bob  A.Dir. Harvard U.L.L. (02-05)
Campbell, Neil  Dir., U. Victoria (CA) L.L. (10-)
Christensen, John  Dir. Washburn U.L.L. (02-04)
Cihak, Herb  Dir., Pepperdine U.L.L. (08-09)
Cosanic, Dragomir  Dir., Louisiana St. U.L.L. (09-12)
Crocker, Anne  Dir., U.New Brunswick L.L. (04-07)
Davis, John  Dir. York U.L.L. (03-06)
Fishman, Joel  Libn., Allegheny Cnty.L.L. (03-10)
Fox, Darin  Dir., U.Oklahoma L.L. (08-09, 11-)
Fox, James  Dir. Dickinson S.L.L. (02-04)
Franklin, Jonathan  A.Dir., U.Wash. L.L. (06-08, 12-)
Jacobs, Roger  Dir., Notre Dame U.L.L. (05-08)
Gaskell, Judith  Dir. U.S.Univ.Ct.L. (02-04 & 08-)
Goldberg, Jolande  Sen. Cat. Policy Spec., LC (10-)
Hinger, Joe  A.Dir., St. John’s U.L.L. (06-09)
Johnson, Bruce  Dir. Ohio St.U.L.L. (03-06)
Janis Johnston  Dir., U.Illinois L.L. (09-11)

Kauffman, Blair  Dir., Yale U.L.L. (04-07)
Koslov, Marcia  Dir., L.A. Law Library. (09-10)
Lakatos, Holly  Libn., Chicago-Kent S.L.L. (08)
Lavering, Dan  Dir., Army J.A.G. Sch. L. (10-2013)
McKeever, Kent  Dir. Columbia U.L.L. (02-04)
Mckenzie, Elizabeth  Suffolk U.L.L. (04-05)
Mills, Grace  Dir. Hamline U.L.L. (10-13)
Mirando, Louis  Osagode Hall L.L. (13-)
Monaco, Ralph  Libn., NY. Law Institute L.L. (09-)
Morrison, Ann  Dir. Dalhousie U.L.L. (06-09)
Mummy, James  Libn. Marquette U.L.L. (03-06)
Newman, Marie  Dir., Pace U.L.L. (08-)
Pagel, Scott  Dir., George Washington U.L.L. (09-)
Parham, Rita  Libn. Louisiana St. U.L.L. (03-06)
Parker, Marian  Dir. Wake Forest U.L.L. (06-09)
Partin, Gail  Dir. Dickinson S.L.L. (05-08)
Pedini, John  Libn., Social L.L. (02-05)
Peoples, Lee  Dir. Oklahoma City U.L.L. (06-09)
Percy, Kumar  Libn. Georgetown U.L.L. (08)
Persyn, Mary  Dir. Valparaiso U.L.L. (03-06)
Pearse, Michelle  Libn., Harvard U.L.L. (13-)
Podvia, Mark  Dickinson S.L.L. (13-)
Price, Jeanne  Dir., U. Nevada-LV L.L. (10-)
Price, Kathy  Dir. N.Y. Univ. L.L. (02-05)
Rae, Ann  Dir., U.Toronto L.L. (07-10)
Reynolds, Tom  A.Dir., U.C.-Berkeley L.L. (02-05)
Roehrenbeck, Carol  Dir., Rutgers-N. U.L.L. (02-05)
Schroeder, Ed  Dir., Florida State U.L.L. (02-04)
Simoni, Chris  Dir. Northwestern U.L.L. (03-06)
Smith, Regina  Dir., Jenkins Memorial L.L. (04-07)
Roehrenbeck, Carol  Dir., Rutgers-N. U.L.L. (10-)
Russell, Judith  Dean, U. Florida Libraries (11-13)
Storer, Maryruth  Dir., Orange Cnty. L.L. (05-08)
Tuske, Richard  Hd. Libn., NYC Bar L. (09-)
Weiter, Steven  Libn. NYApp.D.L.,Rochester. (06-08)
Winterton, Jules  Dir., In.Ad.Leg.St, London (09-)
Wise, Sally  Dir. U. Miami L.L. (12-)
Wright, Judith  Dir., U. Chicago L.L. (08-10)
Wu, Michelle  Dir., Georgetown U.L.L. (11-)

Honor Roll of Content Donors
to LLMC-Digital to date

As readers watch LLMC-Digital’s collections steadily grow, they may well wonder, where do all these texts come from? The answer is that we truly are a consortium. The sources of our rich collections are our members and friends. At this date some 145 libraries, government agencies, NGOs, law firms and individuals have provided content for our online collections. The bulk of these donations involved texts in print or digital format. Some donations, noted below, were in the form of a copyright release (CR), materials & copyright releases (M&CR), or authored work & copyright release (AU&CR). Several of these
donor libraries have made donations of over 10,000 volumes. Others provided the loan of single or several rare or unique titles. Regardless of the type or size of the gift, the combined contributions have enabled the creation of one of the world’s great online law libraries. We hope that all members will peruse the list and, when occasion presents, thank those of our colleagues and friends who have made our progress possible.

U.S. Libraries, Agencies & Organizations

AR
Maricopa County Lib.

AK
Alaska State Court Law Lib.

AZ
Maricopa County Lib.

CA
California Legislative Counsel Bureau
Google
Huntington Lib.
Internet Archive
Los Angeles Law Lib.
Univ. of San Diego Law Lib.

CT
Connecticut State Lib.
Trinity College Lib.
Yale Univ. Law School Lib.

DC
American Assn. of Law Schools (M&CR)
George Washington Univ. Law Lib.
Georgetown Univ. Law School Lib.
Public Law Education Institute (M&CR)
U.S., Board of Veterans’ Appeals Lib.
U.S., Court of International Trade Lib.
U.S., Federal Judicial Center (M&CR)
U.S. Government Printing Office
U.S., Law Lib. of Congress
U.S., Lib. of Congress
U.S., Supreme Court Lib.
U.S. Surface Transportation Bd. Lib.

FL
Digital Lib. of the Caribbean
Florida Coastal School of Law Lib.
Univ. of Florida Lib.
Univ. of Miami Law Lib.

GA
Emory Univ. Law Lib.

GU
Guam, Off. Compiler of Statutes (M&CR)

HI
Hawaii Pacific University Libs.
Hawaii State Archives
Hawaii State Lib.
Hawaii Supreme Court Lib.
Univ. of Hawaii Botany Dept.
Univ. of Hawaii Law Lib.
Univ. of Hawaii Lib., HI/PacificCollection
U.H. Hilo Lib.
U.H. Windward Com. College Lib.

IA
Drake Univ. Law Lib.
Iowa Legislative Services Agency
Iowa Supreme Court Lib.
Univ. of Iowa

IL
Center for Research Libraries
Northwestern Univ. Law Lib.
Univ. of Chicago Law Lib.
Univ. of Illinois Law Lib.

IN
Indiana Supreme Court Lib.
Univ. of Indiana at Bloomington
Univ. of Indiana at Indianapolis

KS
Univ. of Kansas Law Lib.

KY
No. Ky. Univ., Chase College of Law Lib.

LA
Louisiana Supreme Court Lib.
Tulane Univ. Law Lib.
U.S., 5th Circuit Court of Appeals Lib.

MA
Harvard Law School Lib.
Harvard Univ. Lib.
New England School of Law Lib.
Northeastern Univ. Law Lib.
Worcester County Law Lib.

MD
Maryland State Law Lib.
Univ. of Maryland Law Lib.

ME
Maine Secretary of State (CR)
Maine State Law & Legis. Ref. Lib.

MI
Lib. of Michigan, State Law Lib.
Oakland County Law Lib.
Thomas Cooley School of Law Lib.
Univ. of Michigan Law Lib.
Wayne State Univ. Law Lib.
MN
William Mitchell College of Law Lib.
Univ. of Minnesota Law Lib.

MO
Saint Louis Univ. Law Lib.
Saint Louis Univ., Pius XII Lib.
William Jewell College Lib.

ND
Univ. of North Dakota Law Lib.

NJ
Rutgers Univ. at Newark Law Lib.

NY
Assn. Bar, City of New York Lib.
Columbia Univ. Law Lib.
Cornell Univ. Lib.
Brooklyn Law Lib.
Fordham Univ. Law Lib.
Maritime Law Assn. of the U. S. (M&CR)
New York County Law Lib.
New York Law Institute Lib.
Pace Univ. Law Lib.
St. John's Univ. Law Lib.
SUNY-Buffalo Law Lib.
Syracuse Univ. Lib.

OH
Akron Law Lib. Association Lib.

OR
Lewis & Clark School of Law Lib.

PA
Allegheny County Law Lib.
Duquesne Univ. Law Lib.
Jenkins Memorial Law Lib.
Penn. St. U., Dickinson Sch. of Law Lib.
Univ. of Pennsylvania Law Lib.
U.S., 3rd Circuit Court of Appeals Lib.

PR
Supreme Court of Puerto Rico Lib.

SC
Univ. South Carolina Law Lib. (M&CR)

UT
Univ. of Utah Law Lib.
Utah State Law Lib.

VA
Univ. of Richmond Law Lib.
Univ. of Virginia Law Lib.
VA St. Law Lib./Supreme Court of VA
Washington & Lee School of Law Lib.
William & Mary Law School Lib.

WA
Washington State Law Lib.

WI
Wisconsin State Law Lib.
Univ. of Wisconsin Law Lib.

Non-U.S. Libraries, etc.

Canada
British Columbia Courthouse Lib. Society
Canadiiana.org (aka ECO)
Dalhousie Univ. Law Lib.
Univ. of Alberta Law Lib.
Univ. of British Columbia Law Lib.
Univ. of New Brunswick Law Lib.
Univ. of Ottawa Law Lib.

Germany
Max Planck Institute, Hamburg, Lib.
Max Planck Institute, Heidelberg, Lib.
Wolfgang Windel, Hamburg (Haiti Texts)

United Kingdom
British National Archives
HMSO (Her Majesty's Stationary Office) (CR)
Inns of Ct., Inner Temple Lib.
Inns of Ct., Lincoln's Inn Lib.
Inns of Ct., Middle Temple Lib.
Univ. of Oxford Law Lib.

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