Trends in Shared Library Storage and Shared Collection Management

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North American Context

Almost 1 BILLION volumes held in academic libraries in North America

Over 900 million volumes in campus libraries

About 70 million volumes held in library storage facilities

About 25 million volumes added each year
Key Trends Affecting Print Collections

- Print publication still strong, little reduction in new print monograph volumes
- Libraries are at capacity
- Campus master plans favor student-oriented space over book space
- Electronic journals and mass digitization projects provide viable alternatives to legacy print volumes
Alternatives to Print, Candidates for Storage

Library Collections

- Local Digitizing Projects
- Google Books, Open Content Alliance
- JSTOR & other electronic journals

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Art Libraries Society of North America (ARLIS/NA)
68+ library storage facilities, most built in the last 15 years

Library storage facility: a separate building purpose-built for long-term storage of very large quantities of library materials
Harvard Model

Volumes stored by SIZE for maximum density

Can hold 1 to 2 million volumes per building module (about 12,000 sf)

Order picker for retrieval

Usually built off-campus

Delivery next-day

Construction cost per volume approx $3
Automated Storage and Retrieval System (ASRS)

Volumes stored in metal bins, retrieved by robotic mechanism

Can hold over 1 million volumes per building module

Built on campus

Delivery in minutes

Construction cost per volume approx $10
Library Storage Facilities by Design and Ownership

15 ASRS

California State University, Northridge
Eastern Michigan University
Sonoma State University, California
Grand Valley State University (Michigan)
Utah State University
University of Louisville
Valparaiso University (Indiana)
U. Of British Columbia (Canada)
California State University, Long Beach

Harvard-model

Harvard University
Yale University
Princeton, Columbia, NYPL (ReCAP)
Brown University
Cornell University
Duke University
Stanford University
University of Pennsylvania
Library of Congress
University, Bloomington
Michigan State University
Library Access Center
and Regional Depository
Regional Library Depositories
Washington Research Library Consortium
PASCAL (Colorado)
University of Illinois, Urbana-Champaign
University of Florida
University of Kansas
University of Michigan
University of Missouri
University of South Carolina
University of Texas, Austin
University of Texas, Arlington
University of Toronto
West Virginia University
And many more

38 Harvard-model

Other shared

18%

Other individual

4%

Harvard-model shared

16%

Harvard-model individual

40%

ASRS

22%
Shared Storage Models

**Shared Secondary Storage**
- ReCap (Columbia, Princeton, NYPL)
- Southwest Ohio Regional Depository
- University of Missouri system
- Washington Research Library Consortium (but changing)
- Many others...

**Shared or Last Copy Storage**
- University of California RLFs
- Five Colleges, Inc (MA)
- Five Colleges (OH)
- PASCAL (Colorado)
- Tri-Universities Group
- NE Ohio Repository

**Shared Print Archive**
- Print edition direct to storage
- U of California system
- CIC libraries

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# Types of Last Copy Repositories

## Storage-Based
- No duplicates (or restricted duplication)
- Ownership may remain with original owner or transfer to consortium

## Collection-Based
- Retention agreement among multiple libraries to preserve and provide access to print volumes
- Some emphasize deduplication of common items, others emphasize preservation of unique items

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*Members have guaranteed access to preserved items to enable deaccessioning of campus copies*
Distributed Print Repository Network

The time is right to manage and preserve legacy print collections at the system or collective level, while freeing shelf space for new materials on local campuses.
**Key Features of a Print Repository Network**

- **Storage Repositories**
  - To storage
  - Withdrawals (virtual storage)

- **Committed Participants**
  - Committed Holdings
  - Collection analysis reports
  - Collection analysis reports

- **Directory**
  - Priority access
  - Formal Agreements, Compensation?

- **Borrowing System**
  - ILL

- **Holdings Registry**
  - Committed Holdings

- **Ad Hoc Participants**
  - Withdrawals (virtual storage)
Major Initiatives

Cooperative Collection Management Trust (CCMT)

- OCLC pilot project to explore services and infrastructure necessary for cooperative collection decisions

- Develop and test collection analysis process and reports (overlap, uniqueness, and demand patterns for monographs) based on WorldCat

- 22 libraries including California Digital Library, Ohio State, Brown, University of Louisville, University of Alberta, members of ASERL and WRLC consortia

Shared Print Working Group

- Synthesize the functional requirements and agreements for a system-wide approach to managing print collections in libraries, archives, and museums

- Compile detailed data base of library storage facilities

- 14 cultural heritage institutions from North America, the U.K., and Australia
The library community could provide lasting benefits to scholarship and economies to institutions by proactively developing a collaborative print repository network on a regional, national or global scale.

For more information:
