

MBLWHOI Library Joint User Committee Report 2008-2009

1.0 Committee Agenda

The Joint User Committee (JUC), comprised of representatives from the Woods Hole scientific community's major supporting institutions (MBL, WHOI, and USGS), met throughout the year. The JUC continues to focus on long-range planning for the Library's collections, facilities, budget reductions and services, and the impact of open archives/public access initiatives. John Farrington assumed the chairmanship of the committee in keeping with the new official MOU that was signed between the MBL and WHOI in January 2007.

2.0 Staff

David Sherman joined the library as the WHOI Archivist working on the historic collections and history of the institution. Anthony Goddard joined the Library's Informatics Team as systems administrator.

2.1 Volunteers

Volunteers

MBL, Rare Books & Special Collections: Millie Huettner David Shepro, Mrs. Ann Weissmann and Virginia Reynolds.

Virtual Herbarium Project: Joe DeVeer, Paul Freyheit, Carol Knox, Nancy McDonald, Pam Polloni, Arlene Rogers, and Jacqueline Webster.

WHOI Data Library and Archives (DLA): Dick Backus, Nat Corwin, Rosemary Davis, Werner Deuser, Lewis Hadleman, Lewis Nassikas, and Frank Taylor

3.0 Activities & Services

3.1 Library Instruction

Library staff gave lectures, tours, orientations and provided Library instruction to the Woods Hole Scientific Community. This included but was not limited to general introductions to the physical and digital library, Rare Book Room tours, classes focusing on specific databases, one-on-one instruction, and informational sessions focusing on publishing requirements by granting agencies. The library again hosted two week-long training sessions of Biomedical Informatics for the National Library of Medicine. The course continues to evolve as a unique training opportunity for Physicians, Librarians and Public Health officials in the field of Medical Informatics.

Spring 2008 Biomedical Informatics semester

29 students from 14 states and 4 countries with 41 graduate/advanced degrees

19 faculty

Fall 2008 Biomedical Informatics semester

29 students from 18 states and 2 countries with 36 graduate/advanced degrees

20 faculty.

The library also hosted the Award Ceremony when Dr. Shimomuro received the Japanese Order of Culture Award from the Japanese Government. This was the first time this award was presented outside of Japan.

3.2 Biodiversity *Heritage Library (BHL)*

The Biodiversity Heritage Library (BHL) open-access digitization project continues to be a focal point for the MBLWHOI Library. By February 2008, the tremendous volume of BHL pages scanned by the MBLWHOI Library and its partners was sufficient to create a foundation of scanned literature to make the Encyclopedia of Life (EOL) worldwide introduction a great success. By the close of 2008, over 10,000,000 pages of scientific literature were scanned by the BHL, about 1/3 of which were from the MBLWHOI Library. In addition, the scanned versions are available through direct URL links being added to the card catalog.

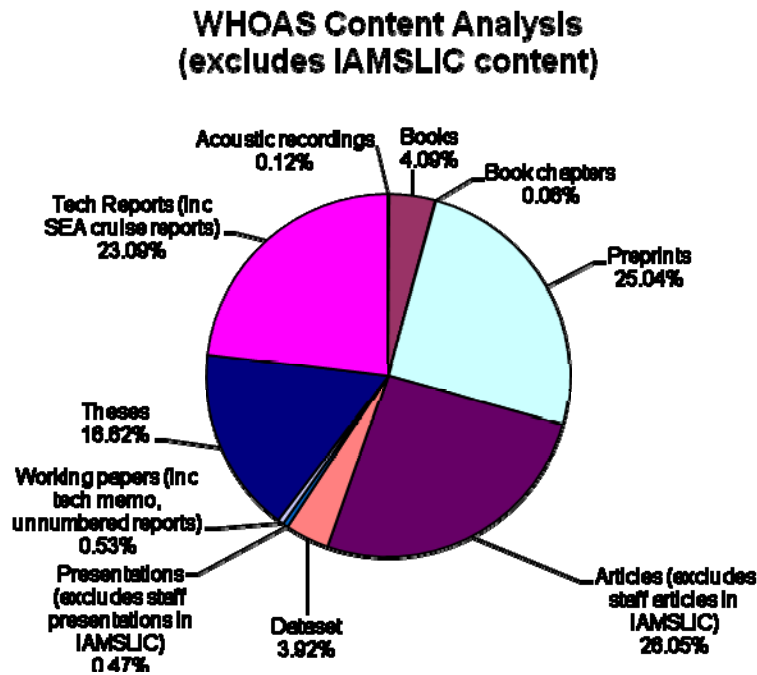
The Library staff has been active not only in the labor intensive literature scanning portions of BHL, but also as part of the multi-institutional technical team working on the development of the BHL Portal (www.biodiversitylibrary.org). The Portal is the web platform through which MBLWHOI scanned literature is viewed. The BHL Portal not only displays scanned literature, but it also employs MBLWHOI Library-developed uBio taxonomic name finding applications. uBio assists scientists in sifting through the scores of scientific and vernacular names which may be associated with a single organism.

Recommendation: The grant money for scanning has been expended but there are still many volumes that need to be scanned and made digitally available. We are recommending that the Digital Processing Center install a scanning station to continue and expand the focus of this service. We have scanned more than 12,000 books and well over 4 million pages in the last 2 years using the Internet Archive. In-house book scanning would add to the value of these projects. It could support post BHL scanning, scanning additional volumes and allow us to correct mistakes as they are found in house. We could create and control the production of our own digital literature collections in collaboration with informatics work in Woods Hole, supporting current and archival literature, unlocking the data held in published material and aiding in the physical preservation needs of the MBLWHOI Library. This would also allow us to create an on-demand digitization service, support other grants outside the BHL and create exhibitions and interpretive services. Imaging and photography are essential elements of research at MBL and WHOI - for the Library to become a collaborative and supportive partner in the interpretive aspects of this work might fill a need not now considered.

Given the requirements of high quality scanning, the library would need to create a book scanning station as a part of a new media lab. The cost to create the scanning station is \$35,000.

3.3 Woods Hole Open Access Server (WHOAS): a Digital Institutional Repository

WHOAS continued its steady rate of growth adding 671 new metadata records and their associated digital objects. At the close of the year, records total 2469; 786 of which are IAMSLIC content. Significant events include contributions of 62 datasets from WHOI researcher Mark Johnson (DTAG deployments); and Ken Foote, WHOI scientist, was instrumental in securing permission to host published content from the Acoustical Society of America (*Journal of the Acoustical Society of America*.) This has become a repository for NIH funded videos that need to be in an “open environment” and Rudolph Oldenbourg, MBL scientist, has used it to deposit his time lapse movies of meiosis



3.4 Ellison Grant for the study of the Biology of Aging

The Library's informatics team continues to work on the Biology of Aging project developing tools that will automatically return information on lifespan and aging diseases. Liger Cat is a tool that finds journals and published articles in PubMed and produced tag clouds of Medical Subject Headings for easy access. Dr Holly Miller is the new Team Leader of this project.

3.5 Jewett Foundation Data Repository Grant

Last year the Library received a grant from the Jewett Foundation to work on a data repository and establish guidelines and standards for deposit. After several meetings with Woods Hole scientists, librarians and data managers, a workshop was scheduled. The goal was to gain input from an international group of stakeholders to determine how to approach a growing problem in science: how to publish data associated with a publication. The Data Attribution and Data Provenance meeting was held in Woods Hole on April 9-10, 2009. The action item from the workshop directs the Library to accept the data that supports figures and tables from an article for publication into the Woods Hole Open Access Server (WHOAS). A case study from the

workshop using a draft publication and supporting data from a WHOI author was used for the pilot project. Library staff developed a workflow to accommodate a publication schedule, including obtaining DOIs. We added metadata fields to the WHOAS record established at the workshop, and loaded the metadata and test files. A presentation was made to the author who approved of the process and is now working on gathering the all the final data and other information to complete the process. Although issues of scale could change workflow, the Library is prepared to accept backbone data from any Woods Hole author.

4.0 Collections

4.1 Serials and Databases

The library continued the effort to maintain the collection in the face of publishers increasing costs. Maintaining our current level of subscriptions is a high priority for the library. We take advantage of our consortium memberships and support Open Access initiatives. The BHL continues to negotiate with small publishers to digitize print journals and make them freely available. The library continues to work with scientists to retain their copyright and publish in open access journals.

The library was able to expand access to the Web of Science back another ten years to 1978. The library also able to purchase Essential Science Indicators, a tool that creates ranking by performance statistics, based on the citation information pulled from Web of Science
Recommendation: Library should purchase the next set of backfiles (to 1968) of the Web of Science

4.2 WHOI Data Library and Archives

In 2008, the DLA received 29 accessions totaling 101.75 linear feet. and processed 115.75 feet as follows:

AC-08 – Marine Operations Administrative Records 43 feet

AC-40.6 – Records of the Directorate Research, James Luyten 20.5 feet

AC-49 – Ship Operations Group Records – 4 feet

AC-67 – Miscellaneous Logbook Collection – 48.25 feet

Additionally, 495 floppy disks of data were migrated to CD as a means of extending the life of the data. Approximately 20 jazz disks were determined to be duplicate data or computer back ups.

DLA staff worked with NDSF staff to provide WHOI cruise data to NODC. For many months we used FTP, after working out fire wall issues, we now have an rsync set up. It was reported at the Fall AGU Meeting that NODC is very happy with this arrangement and will try to do something similar with other institutions.

DLA staff continues to collaborate with WHOI stakeholders on other data management issues. The DLA remains a partner in WHOI data management focusing on preservation and access.

4.3 Rare Books Room and MBL Archives

The Rare Book Room and MBL Archives remained quite busy throughout 2008, with many researchers physically and virtually visiting the collections. 20 volumes from the Rare Books Room were repaired and restored, including 9 volumes restored in memoriam. The Library received over 200 electronic image files from 5 collections of historical glass plates and a number of photographs that were digitized through the generosity of Macy Lawrence of PhotoArk. A definitive list of Nobel Prize winners and their affiliation to MBL was created. The MBL Rare Books Librarian and Archivist supported the Embryo Project demonstrating the significance of the history of the Embryology Course at MBL.

6.0 Consortia Activities

In 2008, the library began digitizing additional portions of the collection in conjunction with the Boston Library Consortium at the Internet Archive Boston Scanning center, focusing on Early Oceanography. The library sent 140 items including *Report of the International Ice Patrol Service in the North Atlantic Ocean*. Links to the digital copies of these titles are available in the Library catalog as well as through the Internet Archive.

The Biosciences Information Synthesis Collaboration (BISC) created a sub-group focusing on reference services. This group is evaluating both free and subscription services to create common resources for scientists participating institutions.

A Digital exhibit was mounted in the Grass Reading Room honoring the MBL's latest Nobel Laureate and the MBL's history of scientific collaboration with the country of Japan

7.0 Statistical Snapshot

	2006	2007	2008
Current Serials			
▪ Print titles	116	116	135
▪ Electronic titles	1879	1879	1607
▪ Gifts/Exchange titles	120	120	60
Databases	148	148	148
Items Added to Collections**	600	1280	591
Library Patrons			
▪ Library Researchers	163	156	131
▪ Company/non-profit Affiliates	7	10	12
▪ Active patrons (12/31)	2303	2987	3120
Interlibrary Borrowing	2460	2206	9837
Interlibrary Lending to Others	2888	3353	2817
Books Circulated & Renewed	3136	7727	6949
Budget	\$2308559	2356855	

** Includes archival materials, books, CDs, DVDs, & videos.

Databases (<i>Cost/Search</i>)	2008 Cost/Use	2007 Cost/Use	2006 Cost/Use
Agricola (CSA -new 07)	\$0.03	\$0.02	
ASFA*	\$0.65	\$0.55	\$0.40
Arctic & Antarctic Regions (NISC)	\$18.00	\$10.01	\$9.18
Biological Sciences*	\$1.08	\$0.88	\$0.68
Britannica Online	\$1.38	\$1.96	\$1.17
Community of Science	\$5.76	\$3.50	\$1.27
Current Protocols Molecular Biol	\$59.00		\$4.43
FirstSearch BLOCK	\$0.95	\$0.95	\$0.95
FoundationDirectory	\$1.30	\$1.54	\$2.15
GeoRef (incl.Georef in Progress)*	\$0.44	\$0.40	\$0.26
Journal Citation Report (ISI)	\$5.26	\$5.62	\$5.85
Knovel	\$10.55	\$3.38	\$11.57
Lexis/Nexis Academic	\$1.53	\$0.82	\$1.17
OED	\$0.14	\$0.10	n/c
SciFinderScholar	\$16.60	\$11.78	\$15.51
Water Resources Abstracts*	\$5.93	\$2.27	\$1.67
Web of Science (Annual not BackF)	\$0.75	\$0.70	\$0.74
Zoological Record*	\$10.50	\$4.31	\$3.61

* 2008 - includes \$1239 Illustrata fee

* 2007 - includes \$1184 Illustrata fee

<i>E-Journals by Publisher (Cost/Full-text)</i>	2008 Cost/Use	2007 Cost/Use	2006 Cost/Use
AAAS Science Online	\$0.54	\$0.20	\$0.57
American Geophysical Union (AGU)	\$0.86	\$0.34	\$1.15
American Chemical Society (ACS)	\$8.76	\$5.91	\$7.98
American Institute of Physics (AIP)	\$2.48	\$1.40	\$2.34
American Meteorological Society (AMS)	\$0.76	\$0.76	\$0.74
Annual Reviews	\$1.82	\$1.10	\$1.64
BioOne	\$0.35	\$0.20	\$0.08
Blackwell/Wiley	\$7.58	\$10.37	\$12.54
Cambridge University Press	\$4.52	\$4.57	\$4.06
CSIRO (1 title)	\$6.91	\$4.11	\$2.91
Ecological Society of America**	\$1.38	\$0.97	
Elsevier Science Direct	\$3.68	\$4.04	\$6.01
GSA	\$1.23	\$0.87	\$0.67
JSTOR Life Sci & Arts Sci	\$0.58	\$0.41	\$0.31
Kluwer			
Liebert (2 titles)	\$9.17	\$13.62	\$9.16
Nature Publishing Group**	\$1.42	\$1.32	\$1.00
Oxford University Press	\$3.06	\$2.14	\$1.55
Portland Press	\$10.70	\$13.46	\$7.62
Royal Soc.Chem.(J.Anal.Atom.Spectr)	\$0.46	\$4.53	\$7.12
Royal Society of London	\$21.23	\$15.75	\$11.66
Springer	\$13.24	\$13.54	\$16.15
Taylor & Francis (MetaPress)	\$21.17		
Wiley- combined with Blackwell in 08		\$0.44	\$1.18

Remote Access

	Total sessions
WHOI	3342
MBL	3308
WHRC	982
USGS	218
SEA	132
Corporate Library Readers	5277

Joint Users Committee

John Waterbury, WHOI, *Chairperson*

John Hobbie, MBL

John Farrington WHOI

Peter Smith, MBL

Ann Stuart, UNC Chapel Hill & MBL

Rob Thieler, USGS

David Shepro, MBL

ex officio members:

Catherine Norton, MBLWHOI Library Director

Lisa Raymond, Assistant Director

Jennifer Walton, Library Services Coordinator

Colleen Hurter, Head of Patron Services