

## **MBLWHOI Library Joint User Committee Report 2009-2010**

### ***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 once during the year and was on-call if needed. 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 Memorandum of Understanding (MOU) that was signed by the MBL and WHOI.

### ***2.0 Staff and Volunteers***

Maggie Rioux retired from her position as Systems Librarian. Alex Dorsk joined the staff at the Data Library as the systems/data librarian. John Furfey was promoted to Senior Automation Systems Officer. Diane Rielinger was promoted to the position of Assistant Director for Administrative and Financial Services and then assumed the role of Acting Library Director in July 2010 as Cathy Norton is on leave. Elena Iourieva returned for the summer and resumed her duties as library assistant.

The MBLWHOI Library Informatics group grew substantially as Chuck Ha was hired as Data Manager/Developer, Lakshmi Manohar Akella and John Hufnagle as Scientific Informatics Analysts and Anna Shipunova as a Data Analyst.

### ***Volunteers***

*MBL, Rare Books & Special Collections:* Millie Huettner, David Shepro, 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, Werner Deuser, 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 sessions of Biomedical Informatics in conjunction with

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.

2009 marked the debut of the very successful MBLWHOI Library Summer Salon Series. The series was kicked off by MBL summer scientist Susan Barry talking about her book Fixing My Gaze which later named one of Amazon.com's top science books for 2009. The series continued with talks by Gerald Weissmann, Cecily Selby, and Paul Colinvaux. The Rum Soaked Crooks finished off the series, reviving the songs of the MBL from the MBL Archives.

In the Bay Reading Room, an exhibit by local artist Louise Russell has been hung illustrating the scientific heritage of the horseshoe crab. The exhibit also highlights the relationship of MBL science and *Limulus*.

### ***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. In the past year, the focus of the MBLWHOI Library involvement in the project has shifted from the process of digitization to organizing the information and making it discoverable. BHL continues to add partners around the world, so refining workflows and defining content has become more important as well. The American Library Association, recognizing the achievements of the BHL and the librarians who have worked together to make it happen, awarded their Outstanding Collaboration Citation to the BHL,

By mid 2010 the MBLWHOI Library had contributed over 3600 titles, 11,240 volumes, and 4,541,896 pages, to the BHL, primarily funded by a subaward from the MacArthur Foundation. Much of our day-to day BHL work and the work of all BHL Library partners is now centered on developing the BHL collection and creating tools which enable the BHL to function as an active and vibrant library. One example of this is the Gemini system which allows patrons to report problems and suggest content easily and facilitates management of this feedback across the BHL libraries. Also during 2009-2010 MBLWHOI staff members Diane Rielinger, John Furfey, Anthony Goddard, and Matthew Person contributed to BHL meetings held in St Louis, San Francisco, Washington DC, Melbourne, Australia, and Vienna, Austria. Library Director Cathy Norton extended the global reach of BHL through meetings in Beijing with BHL-China librarians, which lead to the signing of the Chinese BHL MOU. In June, a MOU with BHL Australia was also signed.

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

WHOAS enjoyed steady rate of growth adding 799 new metadata records and their associated digital objects between July 2009 and June 2010. At the close of the period, records total 3534; 873 of which are content from the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) Significant events include:

- ✓ Additional content from the WHOI DTAG project (<http://www.who.edu/page.do?pid=39337>) resulting in more than 65 datasets and 25 acoustical recordings; additional content expected late-summer 2010.

- ✓ Policy changes at the American Geophysical Union (AGU), permitting institutional repositories to host published AGU content following a six-month embargo period; resulting in significant number of contributions for the 2004-2009 time period and continuing.
- ✓ Successful migration to DSpace 1.5.2 in September by Longsight; migration to DSpace 1.6.2 scheduled for August 2010.

	-2004	2005	2006	2007	2008	2009	2010
Total Pubs in WH Pub	*694	613	667	624	741	725	329
MBL, SEA, USGS, WHOI	*550	550	593	577	664	638	284
Emails**		302	418	265	322	322	118
Preprint (author's version)	5	71	120	88	117	114	34
Preprint (not yet published)		1	2	3	2		
Harvest (eligible published version)	273	119	152	152	177	151	40
Data Set	66		3				
Recording, acoustical	23	1	1				
Video	2						
In WHOAS	278	190	272	240	294	265	74
Response rate		23.51%	28.71%	33.21%	36.34%	35.40%	28.81%
Captured (eligible for inclusion: preprint or article)		45.13%	47.72%	57.55%	58.92%	56.03%	46.84%
Total MBL, SEA, USGS, WHOI pubs		34.55%	45.87%	41.59%	44.28%	41.54%	26.06%
Total pubs		31.00%	40.78%	38.46%	39.68%	36.55%	22.49%

### 3.4 MBLWHOI Library Informatics Group

The Informatics group of the MBLWHOI library, initiated with the Mellon funded uBio project, continues to work on the Biology of Aging Portal (<http://biologyofaging.com>) with funding from The Ellison Medical Foundation. A goal of the project is to develop tools for scientists to extract and analyze information related to lifespan and aging diseases. In the last year there have been two releases of LigerCat (<http://ligercat.ubio.org>), a tool that finds journals and published articles in PubMed and produces tag clouds of Medical Subject Headings and histograms showing how the search topic has been studied over time. Improvements in infrastructure such as complete virtualization of servers have allowed us to take on larger projects including the mirroring the 65 TBs of Biodiversity Heritage Library data at MBL. We continue to make progress in information extraction from scanned library materials. Our latest tool for finding scientific names in text with errors from optical character recognition is called Neti Neti and will be released in September 2010. A new application suite to encourage crowd sourcing, expert curation of the Biology of Aging data and provide graphical data visualization tools to help scientists use the data for discovery will be launched at the end of July. Further support from an NIH grant to the MBL

partnered with the American Society of Cell Biology, increased our informaticians' staff on the exciting project of creating an image library for the cell. Two grants from GBIF have also allowed further work on uBio to increase its efficiency.

### ***3.5 Jewett Foundation Data Repository Grant***

In the second year of the Jewett Foundation Grant the Library continued to work towards the reality of archiving the backbone data for published articles. The library worked with scientists at WHOI and MBL to determine several use cases to test the practices developed in the first year of the grant and are continuing to refine the process. A brief oral presentation at the IAMSLIC conference led to follow up collaboration with the International Oceanographic Data and Information Exchange (IODE) of UNESCO. This in turn led to a second data workshop held in Paris in April 2010, in conjunction with the International Conference on Marine Data and Information Systems (IMDIS) meeting. Collaboration is ongoing with SCOR and IODE to address the data publication paradigm.

The Library is also embarking on an experimental project exploring ways to visually represent data. Combining aesthetic, empirical, and mathematical disciplines, data visualization harnesses multiple skill sets to add meaning and clarity to complex numerical information through graphical means. In addition to being beautiful, data visualizations are often the most effective way to communicate and analyze large, multifaceted data sets. The Library will explore data visualization in three dimensions by building a Spatial Kinetic Display that allows viewers to investigate biodiversity data.

## ***4.0 Collections***

### ***4.1 Serials and Databases***

The Library continually works to evaluate the library collection, balancing new needs versus the continuity of the collection. In 2009, the library was able to expand access to the Web of Science back another ten years to 1965 expanding further the usefulness of this resource. In response to requests from the community, the library reallocated resources and was able to add the following titles for 2010:

**Age**

**Polar research**

**Wetlands**

**ISME Journal**

**Current Aging Science**

**JOVE**

### ***4.2 WHOI Data Library and Archives***

Received 34 accessions totaling 90.625 lin. ft.

Processed 145.875 lin. ft. as follows:

AC-10 – Human Resources files – 10.75 lin. ft.  
AC-18 – Records of Operational Scientific Services – 15 lin. ft.  
AC-59 – WHOI Sea Grant Records – 1 lin. ft.  
AC-65 – WHOI 75th Anniversary Collection - .5 lin. ft.  
AC-66 – Logbook Collection – 101 lin. ft.  
AC-67 – NECOR Records - .5 lin. ft.  
MC-17 – Dave Owen Papers – 2.75 lin. ft.  
MC-20 – Henry Bigelow Papers - .25 lin. ft.  
MC-27 – Carl Bowin Papers – 2.375 lin. ft.  
MC-37 – Joanne Malkus Simpson Papers - .25 lin. ft.  
MC-53 – Herbert Small Papers - .5 lin. ft.  
MC-54 – Frederick deW. Pingree Air-Sea Rescue Collection – 1.25 lin. ft.  
MC-84 – Robert Beyer Papers - .75 lin. ft.  
MC-85 – James Craddock Papers – 5 lin. ft.  
MC-86 – Richard Vetter Scrapbook Collection – 1.25 lin. ft.  
MC-87 – Miscellaneous Manuscript Collection – 1 lin. ft.  
MC-89 – Lee C. Bennett, Jr. Papers - .5 lin. ft.  
MC-90 – Earl Hayes Papers – 1.25 lin. ft.

All of the Data Library’s previously completed finding aids were encoded into the Encoded Archival Description standard. Newly processed material is being described directly in EAD, and 136 legacy and new finding aids have been completed to this point. Since completing encoding, several modifications have been made to the files in order to provide more detailed metadata to improve an EAD search that is currently being worked on.

Over 5100 images from the Jan Hahn Photograph Collection have been scanned, uploaded to the image management system with added metadata, and are available for public viewing.

#### ***4.3 Rare Books Room and MBL Archives***

The Rare Book Room and MBL Archives remained quite busy, with many researchers physically and virtually visiting the collections. The Albert Szent-Gyorgyi Nobel Prize Award was repaired by the Northeast Documentation Conservation Center. Recently donated Leuckart teaching charts were digitized and the Library exhibit “Ernst Haeckel: Art Forms in Nature” is on loan to the Science Museum Oklahoma. Thirty-seven rare books were repaired or restored, including volumes of the *Philosophical Transactions of the Royal Society of London* and *Mémoires de l’Académie Royale des Sciences de l’Institut de France*. The MBL Archives continued its support of the Embryo Project, an online portal for the history of embryology, and the Seminar in the History of Biology.

#### ***5.0 Consortia Activities***

The Library continued to be involved in consortial activities that widen the scope of the library and the resources available to our researchers and also increased our buying power. These consortia include, the Biodiversity Heritage Library (BHL), BioInformation Sciences Consortium (BISC), and the Boston Library Consortium (BLC).

The BLC continues to be a valuable ally to the library. In 2009, the BLC undertook a strategic planning process which will help the consortium stay relevant to the libraries. Moving forward the consortium will endeavor to make greater use of the resources within the consortium, particularly recognizing the wealth of experience and knowledge. The BLC continues to digitize materials through the Internet Archive and examine the most effective ways of making this material discoverable. The Library digitized and made available via open access 465 books with the Boston Library Consortium Internet Archive Project.

## 6.0 Statistical Snapshot

	2007	2008	2009
<b>Current Serials</b>			
▪ Print titles	116	135	135
▪ Electronic titles	1879	1607	1657
▪ Gifts/Exchange titles	120	60	60
<b>Databases</b>	148	148	148
<b>Items Added to Collections**</b>	1280	591	353
<b>Library Patrons</b>			
▪ Library Researchers	156	131	120
▪ Company/non-profit Affiliates	10	12	14
▪ Active patrons (12/31)	2987	3120	3304
<b>Interlibrary Borrowing</b>	2206	9837	3556
<b>Interlibrary Lending to Others</b>	3353	2817	2817
<b>Books Circulated &amp; Renewed</b>	7727	6949	5058

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

### Joint Users Committee

John Farrington, WHOI, *Chairperson*

John Hobbie, MBL

John Waterbury, WHOI

Peter Smith, MBL

Ann Stuart, UNC Chapel Hill & MBL

Rob Thieler, USGS

David Shepro, MBL

John Dacey, WHOI

### ex officio members:

Catherine Norton, MBL/WHOI Library Director

Lisa Raymond, Assistant Director

Jennifer Walton, Library Services Coordinator

Colleen Hurter, Head of Patron Services