

**Cyamus Annual Meeting 2009**  
**Asilomar Conference Grounds, Pacific Grove**



**More photos available at: <http://www.flickr.com/photos/sataylor/sets/72157615771374034/>**

**Monday, March 2 (morning)**

*Notes by Debra Losey and Eleanor Uhlinger, edited by Sally Taylor*

**Roundtable: Highlights from our institutions**

**Joe Wible**, Hopkins Marine Station, Stanford University

Most recent news...a leaky roof in the library. Staff changes: Don split 50% between library and marine observatory data archiving. Project: Pacific Grove Natural History Museum's Pt Pinos Lighthouse records (1800s-1916) to put into Aquatic Commons. Looking for more stuff to put into Aquatic Commons. Budget cuts: giving up student hours. Main campus: closing one of the Stanford science branch libraries, journal cancellations and monographic series.

**Steve Watkins**, CSU Monterey Bay

New Library ready ahead of schedule. Old building will be student activity center. Project money frozen but thankfully purchases for new building had been made earlier. Top floor empty to be expanded in the future. Longer hours (open until midnight) and more patrons but no new staff, therefore student assistance hours moved to circulation desk. Collection of the California Coastal Commission for

several counties being considered for digitization. New server on order for IAMSLIC activities (e.g. Z39.50). Creation of Cyamus blog.

**Ann Hubble**, UCSC Santa Cruz

Journal review: need to cut \$350,000. 7 librarians but have lost 2 and losing another with no replacements. Interim library head. Reduced reference hours and stopped campus delivery of materials via intercampus mail. McHendry Library still under renovation. UC has negotiated "ajar access", OA but only for UC. Also has a leaky roof.

**Alan Allwardt**, USGS Pacific Science Center

The USGS Coastal and Marine Geology Program has been involved in the Interagency Working Group on Ocean and Coastal Mapping (<http://www.csc.noaa.gov/iwg/>), which will produce and maintain an inventory of Federal mapping activities and data products. Geospatial One Stop will be used as the portal, despite current usability issues. The keepers of GOS did listen to feedback from IWG-OCM, so it should become easier to use!

**Jean Crampon**, USC Los Angeles

Still working with the Hancock Library collection. Freeze for staffing, but not for faculty, so still able to hire. Hancock collection will be made more accessible and visible, so 12 boxes now at processing. Jean won't have to go get stuff from storage. No budget cuts and got some one-time purchases out of the way so far.



**Gordon Miller**, Pacific Biological Station, Fisheries and Oceans Canada

Pacific Biological Station celebrated 100 year anniversary in 2008, so library scanned old photos to be used for displays and professional papers. Using Picasa to

organize images but looking for better software (Janet Webster suggested Omeka for online exhibits). FOC Libraries are being reorganized to report to Headquarters in Ottawa instead of local site; will impact budget.

**Molly Engelbrecht**, Bodega Marine Laboratory

Leaking roof fixed last year! We don't know yet the extent of the budget and impact on library operations, so purchasing and renewals are on hold. The lab Open House is postponed, and some projects are scaled back for now. Have begun placing student reports on the BML network as pdfs, for access and short term archival purposes. Have permission from students for last 5yrs to publish those papers but using only the abstracts at this time. All our spring and summer classes are filling and the REU program has approximately 300 applicants for 8 spots.

**Barb Butler**, OIMB, University of Oregon

UO recruiting a new university president. 25% cut to collections; another 10% anticipated. Barb works 80% and may reduce hours further. Digitized summer student photos for display in library. Student reports added to repository.



**Leslie Rimmer**, Simon Fraser University

Budget cuts and Canadian dollar decline; looking at usage stats for journal and database cancellations. Biology department losing TA hours, making it difficult to deliver library instruction to new students. Recruiting new UL in 2010. First "Open Access Day" last fall; this fall will be OA week. Leslie will attend ICSTI conference (International Council on Science and Technology Information) "Managing data for

science" hosted by CISTI. Recent announcement about changes at CISTI and NRC Press; impact on NRC Press ejournals and document delivery service unknown. QuestionPoint widgets have increased virtual reference. Steve Watkins commented on software Library Help (see article at: <http://www.istl.org/08-fall/article4.html>).

**Joan Parker, MBARI/MLML**

No budget cuts to Library. MBARI looking at a \$1million cut; may take a vessel out of service. Joan now managing Library and IT department. Implemented Moodle, an Open Source course management system for course reserves. Digitizing botanical specimens and using Omeka for digital herbarium. Joan has done a citation analysis of IOC publications using WoS, Google Scholar and Scopus.

**Marcel Brannemann, Alfred Wegener Institute**

Budget cuts to AWI. Library acquisitions steady but student hours cut. Mostly have ejournals (versus print). AWI Library purchases 10 titles but part of German consortium, so has access to more. Big library in consortium had budget cut which impacted consortium; vendors offering good deals, otherwise consortium would cancel journals. Like UC system, Max Planck has negotiated with Springer for authors' publications to be OA and deposited into IR. Polar Libraries Colloquy will be in Bremerhaven in June 14-18, 2010 (asparagus season).

**Janet Webster, OSU**

1.2 million (25% cut) to collections budget. Have already gone e-only for journals and cut the easy stuff. Looking for overlap with UO and Portland State University to create one research library in the state of Oregon. Surveying faculty for top 20 journals; where they publish and what do they cite. Janet attended ACRL Institute on Scholarly Communications in Portland; Carl Bergstrom, creator of Eigenfactor was an excellent speaker. Janet chairs SC Working Group; introducing OA mandate for OSU Librarians. Janet and Marcel are on IFLA Sci/Tech Committee; IFLA responding to EU copyright issues. EU Green Paper on copyright [http://ec.europa.eu/internal\\_market/copyright/copyright-infso/copyright-infso\\_en.htm](http://ec.europa.eu/internal_market/copyright/copyright-infso/copyright-infso_en.htm). Orbis/Cascades consortium dumped III's resource sharing module and are using Navigator (new product from OCLC) which goes to WorldCat Local scoped to Oregon.

**Sally Taylor, University of British Columbia**

Fisheries Centre hiring a new director from within UBC; Dr. Pauly stepped down. Building a biodiversity center that will display a blue whale skeleton from Prince Edward Island. Shortlisted for UL position. New Head of Woodward Library hired. Renovating library teaching lab: pillar in the middle of the room poses challenges, so installing extra screens. Experimenting with Wimba Classroom (online training software) to offer RefWorks sessions online; lower attendance than in person sessions thus far. DimDim is free software, similar to Wimba Classroom.

**Brian Voss, NOAA Seattle Regional Library**

Many Seattleites in Obama administration; Jane Lubchenko has been appointed Head of NOAA. Janice Beattie retired. Neal Kaske and Doria Grimes were acting, but Neal officially head of NOAA Library now. Doria Grimes who handled technical

services and digitization projects is retiring this month. Many vacancies but freeze on federal library funding. IR project still underway with contractor help on Fedora (using Fez and Miradora as interfaces); also working with NIH and NASA Goddard. No budget cuts because no budget yet; NODC holding entire budget versus distributing to divisions. Moved from EBSCO to SWETS. Bought two ebook collections from Springer.

**Jan Mason, NOAA-NMFS-SWFSC – Pacific Grove**

Jan is a Biologist who oversees the Library among other responsibilities. Current catalog in ProCite; would like to move it to EndNote but fields don't map well (Gordon Miller suggested free online Papyrus can help with migration). No budget cut, because no budget.

**Kit Johnston, NOAA-NMFS-SWFSC- Santa Cruz**

Cancelled majority of journals since considered part of UC Santa Cruz for IP access, joint appointments, CDL access, etc. Subscribes to a few titles still (AFS, Copeia, CJFAS) and those that aren't online. Kit manages publications database for SWFSC, and digitizes where possible. Recommends Fujitsu ScanSnap S510 Document scanner (<http://www.fujitsu.com/us/services/computing/peripherals/scanners/>). Scans directly to PDF with OCR. Does double sided. Available for PC and Mac. Kit uses Adobe Acrobat to optimize photocopy and minimize file size. Depositing to Aquatic Commons when useful for others.

**Debra Losey, NOAA-NMFS-SWFSC - La Jolla**

RV David Starr Jordan has been taken out of service; will impact CALCOFI data collection since new vessel not ready yet. Laboratory has been split into two physical sites about 1.5 miles apart. Tons of material turned into library with move. Library will get more on site space now that half the buildings are empty. New building anticipated in 7 years. Loss of staff; Robin has been doing HR for the laboratory half time.





**Pam Olson**, Institute of Ocean Sciences, Fisheries and Oceans Canada  
Reorganization of FOC Libraries has been ongoing; was meant to address inequities of service across the institution but in reality may not benefit the smaller libraries. Anticipated positive changes: reporting to a librarian, and having common look and feel for web sites. Pam will be retiring soon. New version of WAVES/VAGUES catalogue coming soon with improved function and simple search screens but not Z39.50 compliant. Continue to digitize older technical reports and annual reports, and add to DFO Virtual Library using Open Text and Live Link software. See: <http://www.dfo-mpo.gc.ca/libraries-bibliotheques/libraries-bibliotheques-eng.htm>

**Magda Vallejo Sanchez**, Centro de Investigacion en Alimentacion y Desarrollo  
Magda worked for 17 years in Sonora and moved 4 months ago to Sinoloa to create a library for CIAD. Tomorrow she will give a presentation about her institution and library. She has 14 serials, and they are listed in the union list.

**Kris Anderson**, University of Hawai'i  
Budget situation: Legislature gave \$2.3 million and 8 positions, but then an hour later, everyone got a 4% cut followed by an additional 20% cut by Department of Education. Chancellor is not making cuts across the board but saving energy by turning off AC overnight as a trial. Kris has dealt with leaks and can put up canopies faster than anyone (using coins, twine and tarp); perhaps she could do a tutorial for Cyamus. Weeding project to address space issues; discarding JSTOR titles and non-barcoded material since it hasn't circulated since 1988. Observation that Nature Publishing is being hardline. Library still has no permanent upper management, i.e. UL or AULs.

**Amy Butros**, SIO Library, UCSD  
Waiting to hear about budget: expect 6-10% cuts for next 3 years; possible \$4-6 million to UCSD Libraries in 2010 - major restructuring, all position frozen. Trying to avoid layoffs and maintain public services. Details will be announced in June. Amy doing more instruction and consultations. EndNote and EndNote Web classes are popular; uses as a way to teach the science resources. Reference statistics and gate counts went up 20% this fall (advertise weekly in campus newspaper, i.e. "ocean view veranda for group study"). Outreach to 320 faculty and research scientists: Amy has spoken to 66% of people over 5 years; sometimes receives an email that is a reply to a message she sent years before. Google Books scanning SIO collections now (started with Pacific studies collections in another branch library). Possible that half is in public domain (e.g. expedition reports, older journals) but probably less. Deborah Day, Archivist, retired just recently, and job recruitment is frozen.

**Larry Currie**, California Academy of Sciences  
New museum open to public since Sept. 2008; tomorrow will be 1 millionth visitor. Budget cuts not expected; our division least flush. Hired 3 people. July 1st got a new Dean of Science and Research Collections. Moved entire collection back from temporary downtown site. Everything now in OCLC and classified using LC. Quick-catalogued a lot of Dewey classified materials. Archivist's Toolkit software used for all archival collections. Rare books now searchable in online catalog.

Reading rooms going to be enhanced with 3 display cases including a case for the Audubon Birds of America folios, and is also used for staff conferences and meetings. New equipment for scanning. Processing material in archive collections. Photo collection. Staff Becky Morin implemented ILIAD software. Library website updated. Upgrading Exlibris software. Open Source LibStat software for in house reference statistics; used extensively by the library, the Naturalist Center, and Special Collections. Meebo for library chat. 2 SJSU Lib Interns did projects. My Heritage website for photo identification, instructional tutorials. Web subject bibliographies updated and will debut this spring. More ejournal collections thorough SCEL. Proxy access to ejournals using open source Squid software. Joined Online Archive of California. Given tours to library groups of new library. Evening Nitelife programs. Support Naturalist Center. The CAS has been invited to join the Biodiversity Heritage Library.

**Jeff Rothal**, Naval Postgraduate School

Jeff liaises with eight different science departments, including physical oceanography, and now offers 60 minutes of bibliographic instruction. Library area being rehabilitated, making daily restroom updates important. Most roof leaks fixed. Celebrating the school's centennial around Memorial Day. Jeff showed off his Ray Troll t-shirt and book (artist of mural at SWFSC that we walked to later in the day).

**Snowdy Dodson**, Retired from CSU Northridge

Snowdy's replacement is Christina Mayberry, Science and Engineering Librarian. Bonnie Campbell, Faculty Emeritus from engineering has created an endowment for collections related to the history of women in science and engineering; could include archival materials and oral histories. CSU Northridge celebrates 50th Anniversary.

**Eleanor Uhlinger**, Naval Postgraduate School

Beginning an institutional archive and special collections department. Going e-only; trying ebooks and will monitor usage. Strategic planning and WASC reaccreditation. Focus on assessment and usage statistics. 10% less funding than expected. 2010 will be affected. ILLiad/Ariel issues. New positions - electronic resources; library technician RRS; part time reference librarian.

**Monday, March 2 (afternoon)**

*Notes by Eleanor Uhlinger and Debra Losey, edited by Sally Taylor*

**Barb Butler and Janet Webster**

Collaborative collection building

OSU biggest research university in state with land grant, sea grant, sciences etc. University of Oregon is ivory tower with emphasis on social sciences and humanities.

Provocative statement from Taiga Forum (<http://www.taigaforum.org>):

"Collection development will be patron initiated... the only competition will be over

special collections and archives"

Can we continue to be stand alone research libraries? Barb and Janet examining overlap of collections and how they can do collaborative collection development.

2009 monograph budgets of libraries in region: Friday Harbor \$2500, OIMB \$3914, HMSC \$7700, and UW Fish Ocean \$15000. Could also consider dollars per FTE.

Need to consider service standards such as delivery time if sharing monographs. Two day turnaround; reality may be longer. Option to use courier; FedEx offers 1 day delivery. Differences in faculty and student needs. Also consider "U Haul" model of shipping book out to patron at another library and letting it stay there until another patron needs it.

Duplication: of 50 OIMB books, 62% at UO main library or OSU; 38% unique. Some duplication is acceptable. If book costs more than \$100, then discuss.

Analysis of circulation data for 2000-2008. At OSU, of 1076 items purchased, 71% circulated. Look also at breakdown by subject. Gathering of usage statistics is difficult. Note: higher circulation of titles beginning with Biology of... Field guide... Introduction to... etc.

Know each other's collection and faculty needs. Uniqueness of each collection will increase. Consider joint ebook purchasing.

Collection development tools: Spreadsheet of titles; work together on who buys what but this method is time consuming. Probably better to have a shared profile on something like Yankee or Blackwell or Coutts who has cooperative purchasing tools.

Barb and Janet will be presenting at "Timberline Conference" Acquisition Institute. May 16-19, 2009. See: <http://libweb.uoregon.edu/ec/ait/>

Source: Burgett, James et al. Collaborative Collection Development: a practical guide for your library. ALA 2004.

### **Marcel Brannemann**

Alfred Wegner Institute

New Copyright Legislation in Germany: Experiences and Challenges for Libraries.

Copyright managed by European Union; countries no longer have independent copyright legislation. Directive 2001/29/EC Harmonization Act 22 May 2001.

Article 5, "Exceptions and Limitations", e.g. public access to copyrighted materials in classrooms until 2006. Must be renewed every 2 years.

Document delivery.



Allowed: paper and fax only

Restricted: email, ftp, digital; ONLY if rights holder does not offer own service at reasonable rates. Only image copy (no OCR or PDF) and non commercial.

Access for teaching and research.

Only small parts of work, journal articles, closed user group, special restrictions on textbooks and movies, time limit, and usage fee to be paid to central rights management company for every single use (12.2012).

Article 6.1 Digital Rights Management (DRM)

Member states shall provide adequate legal protection. No legal way to force right holders to withdraw DRM. Circumvention illegal even if content can be used legally by exception.

Subito Case. German document delivery agency sued by Publishers' Guild as competitor with publishers services. Now agency and publishers have contract and e-doc deliveries dropped 30% since agreement. Restrictions: 1 article, up to 10 views on a single computer, 1 printout.

Read more:

<http://biblio-eprints.bo.cnr.it/archive/00000077/02/Vezzoso.pdf>

[www.jus.unitn.it/users/vezzoso/bibautore/home-dateien/Subito\\_and\\_Beyond\\_FINA\\_L.doc](http://www.jus.unitn.it/users/vezzoso/bibautore/home-dateien/Subito_and_Beyond_FINA_L.doc)

German government promised better access for research and teaching but it is not going well to date. What will happen with new government and EU elections?

Open Access: Federal Council (2<sup>nd</sup> Chamber in German government – represents the German states) mandates open access after embargo period if work has been done with public funds; however, wording has not been added to law or directive. DFG German Research Council (like NSF in US) is trying to mandate as “should” not “must”.

### **Jan Mason**

NOAA NMFS SWFSC, Pacific Grove  
Climatic signals in California fisheries

Jan presented research done with Jerrold Norton that links oceanographic changes (sea surface temperature and wind stress) with species variation throughout time (using California Landings database).

1930-50s - sardines

1960s - jack mackerel, albacore tuna

1970s - anchovies

Present - squid and sardine returning

Changes are depicted in the mural "Green Sea/Blue Sea: The California Current, Climate Change and Sustainable Fisheries" created by Ray Troll and painted by Roberto Salas and team. Jan led the walk to look at the mural that surrounds the SWFSC building in Pacific Grove. See: <http://swfsc.noaa.gov/PG-Mural.aspx>



**Tuesday, March 3 (morning)**

*Notes by Steve Watkins*

**Meg Caldwell**

Center for Ocean Solutions of Stanford University  
The Pacific Ocean Library

Collaboration between Hopkins Marine Station, Woods Institute for the Environment, MBARI, Monterey Bay Aquarium with funding from the Packard Foundation.

Aiming at practical solutions to big environmental problems. Pacific Ocean Initiative will be the umbrella initiative for initial programming, established by governor Schwarzenegger to reflect his commitment to reducing greenhouse emissions and desire to do something comparable with ocean issues. Need scientific basis for initial targets for reducing ocean pollution rather than politically based figures that were being tossed around.

Met with planners from the Pacific 2020 Challenge: Rescuing an Ocean in Crisis (IUCN project) to discuss strategies for identifying key issues to be addressed and to establish targets that could be achieved by 2020. COS offered to develop the scientific background in support of the initiative within their framework.

Result was a scientific consensus statement on threats and opportunities, reviewed 3500 papers and articles, looking for assistance in identifying additional grey literature. Identified threats, impacts, trends and research gaps by country, region and entire Pacific Ocean. Also noted potential solutions identified in literature.

Convened 30 scientists, including non-English speakers, to assess initial report and ground it in science.

Consensus report:

[http://www.centerforoceansolutions.org/data/consensus\\_statement.pdf](http://www.centerforoceansolutions.org/data/consensus_statement.pdf)

Signed by nearly 400 scientists to date. Major threat categories: pollution, habitat destruction, overfishing & exploitation, climate change. Broke Pacific into 6 major regions: northeast, southeast, northwest, Micronesia, Melanesia, Polynesia (reflects social and political realities of regions).

Literature review methodology identified high, medium and low impact levels. High: severely affects both environment and society; recovery will take years, if ever. Medium: environment altered/destroyed; smaller in scale, can recover in shorter time frame. Low: environment altered but not destroyed; impact to few people and places. Charted specific threats by country, region and also pan-Pacific overview to give visual representation to identify hot spots and also areas lacking information. Had country/regional reps review and change or confirm what the literature showed.

Highest threats:

- commercial overfishing
- nutrient pollution
- land-based sedimentation

Recommendations:

- ecosystem health and sustainability
- new technologies and market mechanisms to promote sustainable practices
- climate change mitigation
- community based sustainability in face of climate change
- capacity building and integrated problem solving

Link threats with both environmental and socioeconomic impacts -- opportunity for interdisciplinary work.

Consider formation of a Pacific Trust to help with funding. Synthesis report (forthcoming) identifies areas for priority funding in each region.

Pacific Ocean Library link from Center's home page

<http://www.centerforoceansolutions.org/library> with searchable bibliographic database. English language literature only so far. Queried users for feedback on possible charging in order to add full text, not going to fly easily. Looking to link to other resources around the Pacific. Possible role for consultancy help from Cyamus members and getting their database into harvestable platform for engines like Avano.

**Gerry Sawchuk**

Proquest, Publisher, Natural Sciences

Editorial staff still includes Craig Emerson, Vicki Soto, Laura Griesbauer.

Considering merging in some form parts or all of ASFA, Water Resources Abstracts, Aqualine, Oceanic Abstracts, but no decision yet.

Proquest now publishing open access journal Sustainability: Science, Practice & Policy. See: <http://ejournal.nbii.org/>

Possible upcoming developments:

- breaking up Illustrata and incorporating content into indexing & abstracting search results (free of extra charges, coming mainly in 2010) as well as more direct links to Proquest full text content
- looking into adding and indexing primary data sets behind the tables in published articles
- "publishing communities": quasi social networking model for scientists to post preprints, presentations, data sets, white papers, maps, images, websites, etc., with discussion and commentary by others; would index some of the content for their databases; starting with atmospheric science groups as pilot to determine feasibility with help from ASLI librarians
- GradShare "Where graduate students help each other succeed" social networking for grad students <http://www.gradshare.com>

### **Joan Parker**

Moss Landing Marine Labs/MBARI

FAO and Aquatic Commons project report on two months of work with Jean Collins at FAO Fisheries

Code of Conduct for Responsibility has been followed up by technical guidelines and regional solutions, along with attempts to measure its success.

Joan searched Google Scholar and Scopus for articles on the Code, guidelines and technical plans; reviewed 1000 citations in science, management, policy/law. Citations to Code were increasing through 2007/08. Among technical guidelines, precautionary, ecosystems, management are highly cited. Proportion of grey literature from developing countries is higher than in developed, where peer reviewed literature is more common avenue of publication. High proportion of articles on management are in grey literature, while most law articles are in peer-reviewed journals. Findings will be published in a forthcoming paper.

### **Aquatic Commons**

FishCode funding development of multilingual user interfaces to AC. Joan and Jean contacted various regional fisheries management organizations via letter from FAO; Inter-American Tropical Tuna Commission responded enthusiastically and collected a set of their publications in collaboration with Deb Losey to be scanned at Moss Landing over coming months and deposited into the AC.

Encouragement to continue looking for content to add to AC, contact local groups with relevant publications, papers of individuals, etc. Possibly move list of candidates from Google Docs spreadsheet into a new page on Cyamus website where it can be updated and edited by any Cyamus member? Question about whether Eprints can now support batch importing of records; unsure of status. Need to have a coordinator or small committee to better organize our efforts?

### **Magdalena Vallejo**

Centro de Investigacion en Alimentacion y Desarrollo  
Creating the CIAD's Culiacan Library



Six CIAD stations in northern Mexico, 450 research scientists and staff.

Focus on fruits and vegetables, especially tomatoes, issues of freshwater quality in Culiacan, which is a relatively rainy region. Culiacan station is small, 14 researchers, 20 technicians, 7 admin staff, 1 librarian. Recently opened a food biotechnology plant. R&D, higher education and extension programs as part of federal government and Sinaloa state government. Contract with companies to do analytical studies. Part of a network of 50 real time weather stations to support regional agriculture.

75 postgraduate and certificate program students. Added 2nd floor to building in 2008 that includes library, computer center, classrooms. Had no library prior to Magda's arrival, scattered theses, dissertations, reports in people's offices, but now organized and started more systematic collecting. 14 current journals, 167 theses, 67 books, etc., still a small collection. Catalog database housed in Hermosillo. CIAD has access to several ejournal collections and indexing databases as part of consortium. Students are heaviest library users so far, although researchers are also starting to make use of services. ILL volume 70 requests, 45 supplied in



February 2009. Will purchasing 10 computers for library, possible expansion of space in future. Plan to digitize theses and dissertations and to do an analysis of recent publications in order to fill gaps in collection (tomatoes, mangoes, melons, chilies, bell peppers, freshwater fish, scallops, some aquaculture, microbial ecology, pesticides).

**Tuesday, March 3<sup>rd</sup> (afternoon)**

*Notes by Barb Butler*

**Tour of CSUMB Library (given by Steve Watkins)**

7 years of planning and construction resulted in the new library which opened to the public in December 2008. The library is run by a director, seven librarians and six staff and serves the 4,300 students of CSUMB.



**Dr. Judith Connor**

Director of Information and Technology Dissemination, MBARI  
MARS (Monterey Accelerated Research System) - underwater cabled observatory

Judith described MARS (Monterey Accelerated Research System) which is an underwater cabled observatory. A number of partners will make use of the observatory and several projects are already underway. This cabled observatory supports 8 nodes from which research can be conducted and will enhance and augment the research that is already being done with ROVs. Currently the data is reserved for the use of the Scientists, but MBARI's policy is to embargo data for only two years and then make it available for public use.

## **Cyamus Business Meeting**

- a. Sally reported that Cyamus currently has 50 members, including one new member from Idaho Fish and Game Dept.
- b. Digitization grants totaling \$1,874.58 were awarded to Sally Taylor (\$500) and Magda Vallejo Sanchez (\$1374.58). Thank you to Sonja Kromann, Barb Butler, Kit Johnston, Leslie Rimmer, Janet Webster who reviewed the proposals.
- c. Amy presented the Treasurer's report for 2008-9 as well as a Financial report for 2008. The organization is solvent.
- d. Location for 2010 Cyamus meeting was discussed. Bamfield is willing to host and Leslie Rimmer presented the possibilities and will be looking further into the logistics involved, including the charter of a boat. Other options include Alaska or meeting on a cruise ship.
- e. 2012 is the year in which the international conference should be hosted by Cyamus. Scripps is not able to host. Possible locations were San Francisco, Alaska, Monterey or a cruise ship.



***Rainbow over CSUMB Library***