**Biodiversity Heritage Library Quarterly Report**

**May – July 31, 2013**

**Fourth Quarter, Sixth Project Year**

1. **Introduction/Executive Summary**

*The Biodiversity Heritage Library collection now constitutes 61,400 titles and 116,078 volumes, comprising 41,206,941 pages in BHL (July 2013). Permissions for digitizing 280 publications within copyright, mostly significant serial runs, have been obtained from 166 licensors.*

*On March 18, 2013, the new BHL interface launched. The new interface includes an updated design; article and chapter level access to content; API, OpenURL, and Data Export enhancements; book viewer updates; and an improved PDF creation process. A new name finding algorithm, capable of identifying previously undiscovered taxon names, has also been implemented. Test applications of this algorithm on a portion of the BHL corpus have already resulted in an increase in nearly 50 million name instances in BHL, translating to over 20 million new unique names identified.*

*On May 27-28, the Fourth Annual Global BHL Meeting was held in Fez, Morocco. Representatives from each BHL node (with the exception of Brazil) convened. Topics included reports from each institution on their accomplishments in the past year, goals for expanding participation, possible joint projects and technical updates.*

*In other project news, BHL released its thirteenth and fourteenth iTunes U Collections, including “Connecting Content through Archival Field Notebooks” and “The Curious and The Bizarre”. The 2013 BHL Institutional Council Meeting occurred May 6-7, 2013, in Woods Hole, MA. Topics discussed included the approval of the 2013 Dues Budget; approval of the BHL vision, mission and goals; proposed updates to the BHL membership structure; and fundraising possibilities. Finally, in May, BHL received the Charles Robert Long Award of Extraordinary Merit from the* [*Council on Botanical and Horticultural Libraries (CBHL)*](http://www.cbhl.net/)*.*

*In financial news, to date BHL has raised $232,347.64 in dues and donations for project sustainability. Finally, BHL submitted a report on the 2012 BHL Program costs and revenue raised. Total project costs for 2012 were $2,038,975.87 and total funds raised in 2012 for BHL were $2,287,410.81. SIL subsidized 90% of the BHL Secretariat costs (BHL Program Director, Manager and Collections Coordinator and associated central administrative costs), and Missouri Botanical Garden subsidized 68% of the Technical Team costs (BHL Technical Director, Developer, and Data Analyst and associated technical costs).*

1. **Technical Report**
2. ***Operations***
3. *Management or staff transitions*

*In July 2013, Carolyn Sheffield joined the Smithsonian Libraries as the new BHL Program Manager, replacing Grace Costantino. Sheffield is in charge of administration of finances and reporting activities as well as coordinating outreach efforts and organizing meetings with BHL member institutions.*

1. *Operations coordination*

*In compliance with the BHL governance structure, regular conference calls for the BHL Executive and Steering Committees continue, as well as the maintenance of listservs for both of these groups and the Institutional Council. Calls discuss operational activities and project coordination. Wiki pages for the management and support of activities performed within these groups are also maintained. Executive Committee calls occur on a weekly basis, while Steering Committee calls occur the fourth Thursday of every month.*

*Monthly BHL Staff Calls also continue, hosted by BHL Collections Coordinator, Bianca Crowley. These calls discuss project and workflow coordination among BHL’s partner institutions.*

*BHL Program Manager, Carolyn Sheffield, continues to manage the extensive BHL calendar system to assist in project, conference, and editorial coordination. It is available to all staff members, and staff are encouraged to contribute events to the calendar.*

*Smithsonian Staff are currently working with the Library of Congress and Internet Archive to implement a new Internet Archive scanning contract. The new contract will initiate a new pricing structure and will be used to manage funds for SIL as well as pan-BHL scanning activities (see below). The new contract is expected to in be in place in early August 2013.*

*As mentioned in the previous quarter’s report, the initial pot of $10,000 allocated towards pan-BHL scanning has been spent. These funds supported the digitization of approximately 100,000 new pages for BHL. Funds were used to digitized “priority” titles – titles identified as high impact content for BHL users based on impact factors and TL2 and Index Animalium citations. These funds come from a portion of the Steering Committee Dues. Members of the Steering Committee may use these funds, which are managed through the Smithsonian Internet Archive FedLink account, to scan books from their libraries at their local IA centers.*

*As part of the 2013 BHL Institutional Council Meeting, the BHL Steering Committee approved the addition of $25,000 to this pan-BHL scanning workflow, for use throughout the rest of 2013. These funds will be released as soon as the new Internet Archive scanning contract is in place. (See “Achieving Financial Sustainability” for more information on budget)*

1. *Staff activities (covered below under multiple other categories)*
2. ***Strategic direction***

*In May, the BHL Steering Committee approved new vision, mission and goal statements for BHL.*

***BHL Vision****: Inspiring discovery through free access to biodiversity knowledge.*

***BHL Mission****: The Biodiversity Heritage Library works collaboratively to make biodiversity literature openly available to the world as part of a global biodiversity community.*

***Goals:***

***Goal 1: Relevant Content***

*Build and maintain the BHL as the largest reliable, reputable, and responsive repository of biodiversity literature and archival materials.*

***Goal 2: Tools and Services***

*Develop services and tools which facilitate discovery and improve research efficiency of BHL content.*

***Goal 3: User Engagement***

*Increase global awareness about the BHL through outreach, learning and education, and branding through engagement and collaboration with existing and new user communities.*

***Goal 4: Membership and Partnerships***

*Grow BHL consortia membership and partnerships while fostering cross-institutional collaboration that continues to serve as a model for digital library development.*

***Goal 5: Financial Sustainability***

*Ensure sustainability and relevance by being flexible, adaptable, and financially sound while the content and services remain openly and freely available.*

*Since September, 2012, BHL has been in the process of revising our vision, mission and goals. As part of the 2012 Staff and Technical Meeting, staff began brainstorming elements for a new vision statement and goals, as well as provided themes for incorporation into a new mission statement. After the meeting, two staff working groups organized to further flesh out the vision and goal statements. In March 2013, the BHL Secretariat reviewed the input provided by staff to produce final draft vision, mission and goal statements.*

*As part of the 2013 BHL Institutional Council Meeting (see “Meetings, Conferences and Workshops” for more information), the BHL Steering Committee reviewed these drafts statements, provided slight edits, and approved the statements as official. The vision and mission were incorporated into the BHL homepage, and the Goals are prominently displayed on the BHL About page, linked from the homepage of the website.*

*As part of our continued strategic planning, BHL Collections Coordinator Bianca Crowley, with assistance from the BHL Secretariat and select staff members, has compiled a Projects and Initiatives document for BHL. This document captures all BHL tasks currently underway, planned for the future, or suggested for the future. It organizes these tasks according to the new BHL goals. This document serves as the single organizational hub for tracking BHL work and ensuring that work performed not only meets the strategic direction of the project, but is prioritized according to overall project priorities. Priorities from this document will be used to draft 2-year workplans for BHL. The Secretariat will manage this document, and all proposed future tasks for BHL must be incorporated into this document and aligned with overall project goals.*

*Grace Constantino, former Program Manager, used the new goals to help guide the creation of a new Outreach and Communications Plan for BHL. This plan details target audiences, content planning for the various social media platforms which BHL uses, and guidelines for metrics gathering. The plan details which goals are being met by performing the recommended social media activities. For more information on this plan, see the Public Outreach section of this report.*

1. *Progress toward milestones – (see attached metrics spreadsheet)*
2. *Subsequent quarter goals and metrics*

*The milestone “Leverage crowd-sourcing” with the metric of “number of articles deposited” (in Citebank) is under review at present. We are entering a new phase in Citebank development (See “Tool Design and Requirement Analysis” for more information). We are working to merge Citebank into the BHL portal and have already accommodated the delivery of article content via the BHL portal. A rough target date for this implementation is Winter 2013. Due to these transitions, we are suspending Citebank metrics reporting until the application is available in BHL, at which time we will determine the appropriate statistics to gather. For more information on Citebank development and our plans for the project, see “Citebank 1 Pager.”*

*It has been decided that BHL will not pursue a safe harbor model, allowing users to upload their own PDFs to BHL. All content to BHL must come through implemented workflow processes and be provided by BHL member institutions, ingested from Internet Archive, or contributed in collaboration with publishers.*

*Finally, due to difficulties obtaining the precise number of pages re-hosted by partner projects, this metric has been adjusted to the number of items re-hosted by partner projects, i.e. global partners. The YR 5 Goal for items rehosted by partner projects was calculated by taking the previous page goal and dividing by the average number of pages in a book, 300, resulting in a YR 5 Goal of 116,700 items. Due to delays in the rewrite process, the YR 5 global rehosting goal has not been achieved, thus, the YR 5 Goal remains in place as the YR 6 Goal.*

1. ***Improving internationalization***
2. *International outreach and activities*

*Jiři Frank, Projects Coordinator at the National Museum, Prague, has been elected as Global-BHL Vice Chair. Frank replaces Henning Scholz who has accepted a new position with Europeana and has left BHL Europe and the Berlin Natural History Museum. A new BHL-Europe Director has yet to be appointed.*

*Due to these changes, development on the GRIB (or the Global Reference Index to Biodiversity, which was to serve as a workflow management tool that could be utilized by all global BHL partners) has been suspended. There are now no plans to implement this tool, and BHL partners will continue using existing de-duplication tools to manage scanning coordination.*

*BHL-Brazil continues to contribute citations to BHL’s article repository, Citebank. These citations link back to full-text PDFs available on the BHL-Brazil website. To date, 7,167 citations from BHL-Brazil have been added to Citebank. With the signing of the MOU for BHL-Africa in April, contributions from various institutions now count towards our global partner contributions. To date, BHL-Africa has contributed 661 citations. Total contributions from global BHL contributors to Citebank are 7,828.*

*To date, BHL’s global partners have contributed 364,954 pages to the BHL portal. BHL’s global partners contributing content include BHL-Australia, BHL-Europe, and BHL-China.*

1. *Agreements/MOUs*

*BHL continues discussions with the California Digital Library, and has entered into discussions with the National Agricultural Library, regarding BHL membership. As mentioned in “Management and Staff Transitions,” Library of Congress and the American Museum of Natural History have joined BHL at the Steering Committee level.*

*As part of the 2013 BHL Institutional Council Meeting (see “Meetings, Conferences and Workshops” for more information), a group was formed to update the BHL membership document. This document outlines requirements and guidelines for new BHL members. Updates to that document were reviewed on the July 25 Steering Committee Call. A major point of revision was eliminating “Steering Committee” in favor of “the members.”*

1. ***Increasing content***

*The Biodiversity Heritage Library collection now constitutes 61,400 titles and 116,078 volumes, comprising 41,206,941 pages in BHL (July 2013). Permissions for digitizing 280 publications within copyright, mostly significant serial runs, have been obtained from 166 licensors.*

1. *Content contributions*
2. *Content related activities*

*Contribution to the BHL Flickr account continues, with 79,086 images currently added to the collection (July 2013). The Flickr account pulls out the amazing natural history illustrations from BHL books and serves them up to users in an easy, approachable manner. It continues to be one of the most popular services offered by BHL, and has instigated a great deal of discussion about providing better access to BHL illustrations.*

*In February, 2012, BHL launched the Biodiversity Heritage Library on iTunes U, consisting of collections of select BHL material centered on such themes as “Extinct Species,” “Rarest of the Rare,” “Charles Darwin’s Library,” and “Theodore Roosevelt.” New iTunes U collections are released on a quarterly basis. This quarter, BHL released the iTunes U collections: Connecting Content through Archival Field Notes and*

*The Curious and The Bizarre.*

*The Field Notes collection was created in collaboration with the Connecting Content project. This project, an IMLS National Leadership grant-funded undertaking, aims to digitize published scientific findings, their related field books and specimens, and metadata for these items, link all of these resources, and make them available for harvesting, reuse, and repurposing without cost. At this point, the bulk of the field books selected for this project (61 titles in all) have been digitized and made available through the Biodiversity Heritage Library. The iTunes U collection features a select portion of these titles.*

*The Curious and the Bizarre collection features selected works which comprise some of the strangest books in BHL. Illustrations from this collection include depictions of and mythical creatures of the 16th and 17th centuries, which could often be found published alongside illustrations of real ones.*

*The collection was created to coincide with Monster Month in May.*

*The Biodiversity Heritage Library now has its own collection of images in the Encyclopedia of Life. This collection is comprised of images that have been tagged with species name machine tags (e.g. “taxonomy:binomial=Genus species”). EOL periodically harvests tagged images from the BHL Flickr for inclusion in the EOL collection. The collection currently holds 3,308 images representing 3,787 taxa, and will continue to grow as additional illustrations are tagged in the BHL Flickr. These harvested images are uploaded to EOL with a non-trusted status, allowing EOL curators to decide whether the species name tags associated with the images are correct.*

*BHL continues to support article-level access through the use of algorithms developed by Rod Page of BioStor.* *A selection of BHL content has now been broken down to individual articles and parts, which are indexed and searchable on BHL. Furthermore, a new tab in the advanced search screen allows users to search for specific articles. The BHL book viewer also includes a new Table of Contents tab, which allows users to see the articles indexed within the book being viewed. In BHL’s back-end, an upgrade allows staff to manually break down BHL books into articles or chapters as well. To date, 93,249 articles have been identified and made available for search.*

1. ***Improving the user experience***

*We continue to collect and promptly respond to user-submitted feedback for BHL. This feedback includes questions, comments, alerts about problems with BHL content, requests for items to be scanned and added to the collection, and, happily, praise from our users. All feedback (called ‘issues’) is collected via an issue tracking system (Countersoft’s Gemini product), and users receive answers to their feedback in a timely manner. This feedback is directly used to improve content and services on BHL. To date, we’ve received over 5,588 user-submitted issues. For more feedback statistics, see attached “Gemini Report.”*

*In September, 2012, BHL also began officially gathering statistics on the number of pages manually paginated for the BHL project. Though minimal pagination is asserted at the time of scanning by the scanner, this metadata is usually confined to general page numbers and an indication of the title page. In order to designate issues, articles, images, and plates within BHL scanned content, staff must manually apply these augmentations. From May-July, 2013, BHL staff manually paginated 72,336 pages.*

1. *Tool design and requirement analysis*

*Staff at Smithsonian Libraries have begun gathering requirements and have set aside funds for the creation of a complete copy of BHL content on Smithsonian servers, which we hope to have in place by the end of CY13.*

*It has been decided that Citebank, BHL’s previous article repository, will be merged into BHL. Citebank currently houses user-created PDFs and some PDFs contributed by users that were uploaded by BHL staff. Staff hope to have Citebank merged into BHL by the end of calendar, 2013. As mentioned in “Strategic Direction,” as a result of these changes, we are suspending Citebank metrics gathering until further notice. Find out more about our plans for Citebank in “Citebank 1 Pager.”*

1. *Tool implementation*

*As mentioned previously, SIL BHL staff have developed a software called Macaw that allows users to upload content scanned outside of the Internet Archive workflow into IA so that it can be ingested into BHL. SIL regularly uses a local Macaw implementation to incorporate content scanned via non-Internet Archive in-house scanning equipment. Various installations of Macaw have been implemented across BHL-Australia, BHL-Brazil, BHL-US/UK and BHL-Africa. Recent installations include: one at the Missouri Botanical Garden for use in the Art of Life project, one at Harvard University, and two others in South Africa and Kenya (see “International Outreach and Activities” for more information). Smithsonian Libraries is currently working with OCIO to set up a remote installation at SIL that can be used by partners in the US and the UK to upload content to BHL without having to implement their own local installation.*

1. ***Engaging the wider scientific community***

i. *Scientific outreach*

*In order to engage with our scientific community, and understand how they use BHL and what they need from BHL, we continue to publish a monthly blog series entitled “BHL and Our Users,” in which we feature a different user in each post and interview them about their work and how they use BHL to support that work. Though not exclusively featuring scientific users, a majority of the user base interviewed are scientists.*

*DOIs (Digital Object Identifiers) assigned to BHL content allows us to track usage originating from users clicking on citations to BHL content in external sources. Each DOI resolution translates to a visit to BHL and represents a baseline for how much traffic comes to BHL because users cite our collections. Over the past 12 months, we have had 77,701 DOI resolutions.*

*BHL was highlighted in the following five recent publications for its contributions to scientific research:*

* *Marhold K, Stuessy, T (2013) The Future of Botanical Monography: Report from an International Workshop, 12-15 March 2012, Smolenice, Slovak Republic. Taxon. 62 (1): 4-20.*
* *Seltmann KC, Pénzes Z, Yoder MJ, Bertone MA, Deans AR (2013) Utilizing Descriptive Statements from the Biodiver­sity Heritage Library to Expand the Hymenoptera Anatomy Ontology. PLoS ONE 8(2): e55674. doi:10.1371/journal. pone.0055674.*
* *Ang Y, Puniamoorthy J, Pont AC, Bartak M, Blanckenhorn WU, Eberhard WG, Puniamoorthy N, Silva VC, Munari L, Meier R (2013) A Plea for Digital Reference Collections and Other Science-based Digitization Initiatives in Taxonomy: Sepsidnet as Exemplar. Systematic Entomology. doi: 10.1111/syen.12015.*
* *Robert JR, Drost, CA (2012) Biodiversity Heritage Library. College & Research Libraries News. 73 (10): 626-627.*
* *Bieler R, Petit RE (2012) Molluscan Taxa in the Publications of the Museum Godeffroy of Hamburg, with a Discussion of the Godeffroy Sales Catalogs (1864-1884), the Journals des Museum Godeffroy (1873-1910), and a History of the Muse­um. Zootaxa 3511: 1-80.*

1. *Partnerships and projects*

*BHL is serving as a content hub for the Digital Public Library of America, which launched on April 18, 2013. As a result of BHL’s participation, links to over 115,000 BHL volumes have been made available within the* [*DPLA portal*](http://dp.la/search?utf8=✓&q=%22biodiversity+heritage+library%22)*. Through the DPLA, the Biodiversity Heritage Library will collaborate with renowned libraries, universities, archives and museums to reach a wide national audience.*

*Progress on the Field Notebooks project, funded by an IMLS grant, continues, with digitization of field notebooks and specimens underway at many partner institutions, and soon to be underway at others. 61 Field notebook titles scanned by BHL consortium members are currently available in BHL. Learn more about the publicity campaign BHL hosted for Field Notebooks in “Public Outreach.”*

*BHL staff at Cornell University and New York Botanical Garden have engaged in a project to digitize seed catalogs held in botanical collections around the country. The catalogs digitized by BHL member institutions may ultimately be ingested into the BHL corpus.*

1. *Letters of support (see* ***Testimonials*** *at end)*
2. ***Engaging education and citizen science communities***
3. *Public outreach*

*Social media activities continue in full swing. BHL is active on the following platforms: Facebook, Twitter, Flickr, Pinterest, and the blog.*

*Twitter: To date, we have 2,956 followers on Twitter*

*Facebook: To date, we have 6,030 Page “Likes” on our Facebook account*

*Flickr: To date, we’ve added 79,086 images to our Flickr account*

*Pinterest: To date, we have 3,509 images and 17 collections on Pinterest*

*Blog: This quarter, we’ve had 8,393 visits to our blog, and our regular series “Book of the Week” and “BHL and Our Users” continue to be very popular*

*For more social media metrics, please see “*[*BHL Q2 FY13 Quarterly Report*](http://biodivlib.wikispaces.com/file/view/BHL%20Q2%20FY13%20Quarterly%20Report.pdf/433005724/BHL%20Q2%20FY13%20Quarterly%20Report.pdf)*”.*

*BHL continues to launch its quarterly newsletter, which provides project highlights via email subscription. To date, 743 people have subscribed to the newsletter. In May, the Spring Newsletter launched, with a 46% open rate.*

*The Q1 and Q2 FY13 BHL quarterly reports are now available:*

* [*BHL Quarterly Report: Q1*](http://biodivlib.wikispaces.com/file/view/BHL%20Q1%20FY13%20Quarterly%20Report.pdf/414998418/BHL%20Q1%20FY13%20Quarterly%20Report.pdf)
* [*BHL Quarterly Report: Q2*](http://biodivlib.wikispaces.com/file/view/BHL%20Q2%20FY13%20Quarterly%20Report.pdf/433005724/BHL%20Q2%20FY13%20Quarterly%20Report.pdf)

*Former BHL Program Manager Grace Costantino completed a detailed BHL Communication and Outreach plan that articulates target audiences and the platforms we use for BHL outreach. The plan also describes special strategies for organizing outreach content and growing the BHL audience. The plan is currently being implemented to guide outreach activities performed by the BHL Program Manager, Collections Coordinator, and BHL Technician at Smithsonian Libraries.*

*As structuring BHL outreach activities around week-long "campaigns," in which all outreach via social media centers around a particular theme, has proven very successful at increasing traffic to our social media outlets and to BHL from these outlets, BHL Outreach staff continue to organize campaigns. BHL hosted the following campaigns this quarter:*

|  |  |  |
| --- | --- | --- |
| ***Campaign Title*** | ***Campaign Dates*** | ***Description*** |
| *Field Notebooks* | *May 6-10* | *In May, BHL celebrated field notebooks in collaboration with Connecting Content staff. Digitized field books from Connecting Content have been ingested into BHL, and staff created an iTunes U collection. This collection, and its relationship to BHL publications, was highlighted through Tweets and Facebook posts. Yolanda Bustos of the CAS Connecting Content project wrote a blog post for the campaign, and staff from the Smithsonian's Field Book Project collaborated with BHL staff to write four blog posts related to field books and associated publications, which published from February-May.* |
| *Curious and Bizarre Creatures of Nature, Myth, and Legend* | *May 20-24* | *In May, BHL celebrated publications highlighting curious and bizarre creatures, many of which are labeled as “monsters.” The campaign highlights the weird, strange, and downright scary books in BHL. Tweets, Facebook posts, a blog post, and a Flickr collection highlight this content. Grace Costantino interviewed Lilla Vekerdy, Head of SIL Special Collections, about a rare book featuring “monsters” to highlight in the blog post. This campaign ran in conjunction with Animal Planet’s “Monster Week,” and utilized the #monsterweek hashtag to gain new followers.* |
| *World Oceans* | *June 3-7* | *In June, BHL celebrated World Oceans Day with a week-long social media campaign. World Oceans Day is the UN-designated day for the global community to celebrate and take action to protect Earth’s oceans. Grace Costantino wrote a blog post explaining the significance of World Oceans Day and highlighting BHL collections documenting marine biodiversity. Content was also distributed on Facebook, Twitter, and Flickr to further highlight BHL’s collections related to marine biodiversity and included factoids about various aquatic species and information on protecting the Earth’s ocean life and water supply.* |

1. *Learning tools*

*As mentioned in the previous report, BHL staff have been working to develop supplemental iBooks for teachers incorporating BHL content around educational themes. A draft of the first BHL iBook, dedicated to Shark Week, has been completed by Smithsonian Libraries BHL Technician, Gilbert Borrego. BHL and EOL have had discussions about collaborating on future iBooks to incorporate content from both projects.*

*Back in March, the BHL began to host interns via Smithsonian Libraries to support pan-BHL activities related to marketing and outreach, collection development and processing reference inquiries. To date, BHL has hosted 4 interns:*

* *Irina Zeylikovich, University of Michigan Alternative Spring Break Program, Marketing Intern March 2013*
* *Laurel Byrnes, Princeton University, Marketing Intern June 2013*
* *Adriana Marroquin, University of Maryland College Park, Virtual Reference Intern June-August 2013*
* *Kirsten Hostetler, University of Washington, Marketing Intern June-August 2013*

*Interns have completed over a dozen blog posts highlighting books from the BHL collection as well as contributing content for BHL’s outreach efforts via Facebook and Twitter. In addition, interns have compiled several tutorials documenting various aspects of BHL outreach and workflow tools to aid BHL Staff and future interns. Finally, thanks to Adriana Marroquin’s work with the new BHL Gemini coordinator, Jacqueline Chapman, the backlog of scan requests submitted by users via the BHL feedback forms has been eliminated. Scan requests are now processed within a few business days. Kirsten Hostetler represents BHL’s first fully virtual intern working out of Portland, Oregon and with the successful completion of her term, she has helped pave the path for future virtual BHL internship opportunities through Smithsonian Libraries. All interns have been managed by the Collections Coordinator, Bianca Crowley. It should be noted that individual BHL member institutions may also host interns for local BHL activities related to workflow and other activities.*

1. *Education modules*
2. ***Improving EOL’s impact, engagement and reputation***
3. *Publications and websites (See final page of Report)*
4. *Presentations (See final page of Report)*
5. *Meetings, workshops, and conferences*

*The seventh annual BHL Institutional Council Meeting occurred at the Marine Biological Laboratory and Woods Hole Oceanographic Institute Library (MBL-WHOI) in Woods Hole, MA, on May 6-7, 2013.* *Representatives from eight member libraries were able to attend the meeting in person, and, for the first time in IC Meeting history, those who could not be present physically were able to virtually join the meeting using video conference software available within the MBL-WHOI library. As part of the meeting, the 2013 BHL Dues budget was approved; BHL’s new vision, mission and goals were approved; possible changes to the membership structure were discussed; and fundraising opportunities were suggested.*

*On May 27-28, the Fourth Annual Global BHL Meeting was held in Fez, Morocco. Representatives from each BHL node (with the exception of Brazil) convened. Topics included reports from each institution on their accomplishments in the past year, goals for expanding participation, possible joint projects and technical updates.*

*BHL participated in the 3rd International Conference on African Digital Libraries and Archives in Ifrane, Morocco, May 30-31, 2013. Program Director Martin Kalfatovic moderated a special panel presentation by members of the Global Biodiversity Heritage Library community. Panelists demonstrated how their work on the BHL global nodes can serve as a model for other large-scale digital library collections.*

*See “BHL Presentations” below for more details on presentations given this quarter.*

1. ***Achieving financial sustainability***
2. *Fundraising efforts*

*BHL has raised $14,279.64 in donations to date, which are processed through the Smithsonian Libraries' financial system. The allocation of these funds is decided by the BHL Steering Committee.*

*To date, BHL has raised $218,068 via Steering Committee Dues, from 13 member institutions in 2013 and 9 member libraries in 2012, for future development. These funds are annual dues contributed by those BHL member institutions that wish to be a part of the BHL Steering Committee, allowing them to vote on project decisions and fund allocations.*

*The BHL Steering Committee approved the spending budget for the BHL Dues. Spending categories include Technical Director salary support, hardware and software funds, application of DOIs, server storage support, Internet Archive scanning (including $25,000 in pan-BHL scanning funds – see “Operations Coordination” for more information), travel and meeting costs, and outreach materials. Carolyn Sheffield sends out monthly spending reports for Dues and Donations money.*

*As part of the 2013 BHL Institutional Council Meeting, a BHL Fundraising group was formed to discuss possible fundraising opportunities for BHL, including creating a BHL product store and implementing print on demand features.*

*SIL staff received confirmation on the FY13 Federal Allocation for BHL, which will amount to $125,000.*

*In the previous quarter, Martin Kalfatovic and Grace Costantino met with Tina Morrison and Tina Muracco (SIL Development Staff) to discuss future fundraising ideas for BHL. Ideas which will be pursued include creating BHL products to send as “thanks yous” to donors contributing a minimum donation; allowing users to sponsor collections on BHL; holding themed fundraising campaigns; creating a map to showcase locations around the world where donations have come from; and creating a thank you video to display when users submit donations via the webform.*

*BHL submitted a report on the 2012 BHL Program costs and revenue raised. Total project costs (including member library costs and central services - Secretariat and Technical Team; excluding Harvard Botany and Missouri Botanical Garden Library, which were unable to submit their contributions) for 2012 were $2,038,975.87. Total funds raised in 2012 for BHL were $2,287,410.81. SIL subsidized 90% of the BHL Secretariat costs (BHL Program Director, Manager and Collections Coordinator and associated central administrative costs), and Missouri Botanical Garden subsidized 68% of the Technical Team costs (BHL Technical Director, Developer, and Data Analyst and associated technical costs).*

1. **Financial Report**
2. ***Budget explanation***

*The subawards for scanning at the New York Botanical Garden, the American Museum of Natural History, the Marine Biological Laboratory, and the California Academy of Sciences have been completed and closed out. The subaward for the Missouri Botanical Garden was extended until May 31, 2013 and all work has been completed. The final invoice for the Missouri Botanical Garden is being processed and the subaward will be closed out by September 30, 2013.*

1. ***Financial report (attached)***
2. **Appendices**
3. ***Metrics spreadsheet (attached)***
4. ***Other***

*The number of EOL species pages with links to BHL texts: 1,205,917. Number of EOL species pages that have no other data except the BHL links: 3,216. Number of BHL text pages that link to EOL species pages: 15,886,488.*

[BHL Q2 FY13 Quarterly Report](http://biodivlib.wikispaces.com/file/view/BHL%20Q2%20FY13%20Quarterly%20Report.pdf/433005724/BHL%20Q2%20FY13%20Quarterly%20Report.pdf)

http://biodivlib.wikispaces.com/file/view/BHL%20Q2%20FY13%20Quarterly%20Report.pdf/433005724/BHL%20Q2%20FY13%20Quarterly%20Report.pdf

Gemini May-July, 2013 – Attached

BHL Website Analytics – Attached

1. **Testimonials (for “Letters of Support”)**

* **Thursday, July 11, 2013**
  + via Twitter, from [Nina Sandlin ‏@nsandlin](https://twitter.com/nsandlin)
  + For an exemplary use of Pinterest - for science! - check out the Biodiversity Heritage Library [@BioDivLibrary](https://twitter.com/BioDivLibrary) (& they tweet in Latin! :)

:) I'm very taken with it, and have been meaning for weeks to show it around.

* **Tuesday, July 9, 2013**
  + via Twitter, from [wonderpause](https://hootsuite.com/dashboard)[Jul 08, 10:17pm via Web](http://twitter.com/wonderpause/status/354423951159590914)
  + @[BioDivLibrary](https://hootsuite.com/dashboard) Absolutely love your library! Thanks for the great work.
  + via BHL feedback gmail, from Steve Trewick, Evolutionist, Phoenix Lab, <http://evolves.massey.ac.nz/> - in response to PDF generation request
  + "[...] I think you provide a tremendous and really valuable resource. Great work!"
  + via Gemini, from Tyler Smith
  + "Thank you for making the BHL available. This is a tremendous resource for research. [...]"
* **Monday, July 8, 2013**
  + via BHL feedback gmail, From Gavin Malcom, as a post script to a pdf / technical feedback issue:
  + "PS I like the new look to the library system and the new functions."
  + Via email, from SIL's Jennifer Cohlman of CHM as part of a conversation about New Services @SIL, in response to BHL's UI (vs IA):
  + "Wow – go BHL! Thanks for those examples – you’re making me a convert. Too bad only a small fraction of our scanned collection is part of BHL, but I will look for the BHL link in IA from now on and promote!"
  + via Gemini, from Marianne le Roux, as note after reporting a technical issue
  + "Thank you for the hard work in making information so easily available otherwise! It is truly a valuable resource. Kind regards"
* **Friday, July 5, 2013**
  + via Twitter, from [mtechman](https://hootsuite.com/dashboard)[Jul 04, 11:59am via Web](http://twitter.com/mtechman/status/352818868063977472)
  + A wonderful resource and image bank, but also an excellent example of use of social media: @[BioDivLibrary](https://hootsuite.com/dashboard)
  + via Twitter, from [KewDC](https://hootsuite.com/dashboard) [5:02am via Web](http://twitter.com/KewDC/status/353076461499985920)
  + [#ff](https://hootsuite.com/dashboard) @[BioDivLibrary](https://hootsuite.com/dashboard) We are jealous of their v. beautiful website[bit.ly/KgcNv](http://t.co/Gw3g1HkHQl) So helpful when delving into hist of natural history
* **Tuesday, July 2, 2013**
  + Via Twitter, regarding High School students analyzing BHL Pinterest images for copyright discussion, from [mtechman](https://hootsuite.com/dashboard):
  + Instruc use of Pinterest. HS students analyze boards fr @[BioDivLibrary](https://hootsuite.com/dashboard), decide which are copyright-friendly [pinterest.com/biodivlibrary/](http://t.co/zP3wgfWt3s)
  + Praise for the free access which BHL provides to scientific illustrations, from the blog Wonder:
  + <http://www.pausetowonder.org/2013/07/02/botanical-beauties-from-the-past/>

Excerpt: “I highly recommend their very own collections section, where, amongst bizarre creatures and glorious flowers, you can [peruse Charles Darwin’s personal library](http://www.biodiversitylibrary.org/collection/darwinlibrary), complete with his original notes scribbled on the margins. Astonishing.”

* + The Wonder blog post on BHL, promoted via twitter, from [wonderpause](https://hootsuite.com/dashboard):
  + Botanical beauties from the past in a new [#sciart](https://hootsuite.com/dashboard) feature [wp.me/p367Jc-9F](http://t.co/iaMAebDMyC) (from the incredible @[BioDivLibrary](https://hootsuite.com/dashboard))
  + Via twitter, from [fishwickdesign](https://hootsuite.com/dashboard):
  + Gorgeous, hi-res printables! C/O the Biodiversity Heritage Library <http://t.co/5cTa4aNvtJ>
* **Monday, July 1, 2013**
  + via BHL feedback gmail, from Sue Rosenthal:
  + "I don't have a suggestion or question or a problem to report--just a heartfelt thank you for the wonderful service you provide!"
* **Thursday, June 27, 2013**
  + via Twitter, from [BotanistBriggs](https://hootsuite.com/dashboard):
  + A useful (& free) site for accessing older literature-I find it very useful for botanical references:[biodiversitylibrary.org](http://t.co/SKyCsLdo7y) @[BioDivLibrary](https://hootsuite.com/dashboard)
  + via Yammer, from Beatrice Camp, as part of a conversation with Gilbert Borrego:
  + "As the former US Consul General in Chiang Mai I was delighted to see this blog. I shared it with friends at the consulate who were equally charmed and happy to learn about the BHL."
* **Wednesday, June 26, 2013**
  + via gmail, from Rodney Roundtree, in response to a gemini request (excerpt):
  + "Thanks for the help with the citation. [...] I now have the correct information to cite. And thanks for your great archive, I had looked for this document years ago and was not able to find it. Its great to have the digital source!!"
* **Tuesday, June 25, 2013**
  + via Twitter, from [TheHorticult](https://hootsuite.com/dashboard)[:](http://twitter.com/TheHorticult/status/349397463842553857)
  + @[miss\_moss](https://hootsuite.com/dashboard) features @[BioDivLibrary](https://hootsuite.com/dashboard) illustrations we wanna wallpaper our whole house in, + fungus fashion. [#imintoit](https://hootsuite.com/dashboard): [bit.ly/120gFC4](http://t.co/R55DBUS6Hl)
* **Wednesday, June 12, 2013**
  + via Cape and Islands NPR Station, a suggestion for getting involved in biodiversity research by curating BHL digital images:
  + <http://capeandislands.org/post/five-ways-get-involved-biodiversity-research-0>
* **Wednesday, June 5, 2013**
  + Via gmail, from Andrea Medas, in response to thank you letter for donation:
  + Thank You so much for Your Kind letter. Let me only tell You how such a fantastic job You are doing ! Browsing Your site is like exploring the shelves of an ancient library ( something like a short tale by Borges, "" The Library " !!!)

I only regret I could not donate more, but I'll surely do again.

Thanks again.

Sincerely.

Andrea Medas

Sardinia , Italy

* **Tuesday, June 4, 2013**
  + Mention of BHL on Balfour & Newton University of Cambridge blog:
  + <http://balfourlibrary.blogspot.com/2013/06/bhl-biodiversity-heritage-library.html>
* **Tuesday, May 28, 2013**
  + via gmail, From Joel MacKeen, Information Specialist, CSIRO Library Services:
  + Dear Grace

Thank you very much for your prompt response and for the information on these extra plates. I look forward to seeing additional plates. The BHL Library is the most wonderful resource, especially for those working in taxonomy.

* + via Twitter, from [rdmpage](https://hootsuite.com/dashboard):
  + @[elyw](https://hootsuite.com/dashboard) You're very welcome, @[BioDivLibrary](https://hootsuite.com/dashboard) is awesome. I hope to have some new stuff to show later in the year… [#bhlib](https://hootsuite.com/dashboard)
* **Saturday, May 25, 2013**
  + via Facebook, from [Ken George](https://www.facebook.com/ken.george.96):
  + Always enjoy everything you provide and the wealth of information you provide. Making this available is like having Shaw's garden in by backyard and it use to be:-D
* **Thursday, May 23, 2013**
  + via web, highlights BHL and use of images for cool things on blog:
  + <http://www.babble.com/home/25-beautiful-botanical-images-for-your-walls/>
* **Thursday, May 16, 2013**
  + Via Twitter, from [jessicahester](https://hootsuite.com/dashboard)[11:26am via Web](http://twitter.com/jessicahester/status/335053626944917504)
  + @[BioDivLibrary](https://hootsuite.com/dashboard) Thanks! This site has a mind-bogglingly-huge amount of cool info!
  + Today on [#Nest](https://hootsuite.com/dashboard): I discovered the amazing @[BioDivLibrary](https://hootsuite.com/dashboard), and a newfound fascination with sea moss. Really![nestathomeblog.com/2013/05/amazin…](http://t.co/pkYSVM3jEz)
  + Via Twitter, from libralante
  + @[Duckols](https://hootsuite.com/dashboard) check out @[BioDivLibrary](https://hootsuite.com/dashboard) for your sloth fix of the day. Cool plates with bone renderings at the end! [ow.ly/l41mU](http://t.co/PG9WkV4QI7)
  + Via email, from Gina Douglas, Hon. Archivist, Linnean Society of London:
  + BHL came to the rescue when a planned trip to work in the Mertz Library at The New York Botanical Garden had to be cancelled due to Hurricane Sandy. Thanks to the online resources available through BHL I was able to source most of the key works I needed, with their supporting bibliographic information. Further use of BHL occurred when building work at the Linnean Society of London limited access to some of the book I had been able to use from that collection.

**May-July 2013 BHL Presentations:**

