BHL Development Priorities for MacArthur Funding, March 2011 - July 2012

*Priority:

1) Critical that this task is completed before end of MacArthur Funding
2) Important that this task is completed before end of MacArthur Funding
3) Beneficial, but not a priority, that this task is completed before…
4) Of no importance

	Topics	Activities	*Priority		^Grant Oprtnty	2011 Q1	2011 Q2	2011 Q3	2011 Q4	2012 Q1	2012 Q2	2012 Q3
1	**DOIs**			1								
1.1		**Assign DOIs**		1					=			
		Determine which classes of content to assign DOI (monographs)	Done				===					
		Determine which copies to assign a DOI					===					
1.2		**Expose DOI in the BHL UI, APIs, exports**	Done	1					=			
2	**CLUSTER**			2								
2.1		**Syncing content**		1								
		From IA to BHL Nodes -- Automatically				==========						
		From IA to BHL Nodes -- Shipping drives	Done			==========						
		Create a Global shipping plan	Done			=====						
		Track location of drives	Done			==========						
		Determine content of drives	Done				======					
		Define matrix for selective sync	Done				===					
		From Botanicus (MOBOT) to IA					=======					
		Define changes to Botanicus apps										
		Address Page Inserts						====				
		Decouple from MOBOT infrastructure						===				
2.2		**Serving content**		1								
		Define application requirements	Done				=					
		Administer applications on Internet Archive-provided server	Done			===						
		Make local modifications and make reproduceable	Done				==					
		Determine how to fail over and or serve from Cluster						===				
2.3		**Evaluate apps in cloud compute environment**		3	^							
		Tesseract OCR for Chinese characters										
		NetiNeti										
3	**CITEBANK**			2								
3.1		**Complete bulk upload component**		1								
		Test in staging and production	Done				===					
		Copy files to Citebank collection at IA	Done					====				
		Implement User Roles						====				
3.2		**Adding specialist bibliographies**		2	^NSF							
		Investigate Mendeley as an option						===				
		Mendeley didn't exist when we started describing Citebank requirements.										
		Reuse Mendeley as citation management tool instead of building ourselves.										
		Current functionality allows users to upload bibliographies										
3.3		**Allow users to upload PDFs**		3	^NSF							
		Evaluate the Creative Commons module for Drupal in Staging	Done			===						
		Need functionality to assign copyright and license for each uploaded file	Done				===					
		Copy file and metadata to IA	Done					====				
		Work with Electronic Frontier Foundation on Legality					========					

4	**NAME FINDING**		**2**							
4.1	**Write a problem statement for submission to partners**		**1**							
	Engage with uBio, GBIF, EOL, OpenUp!, IMPACT	Done				=======				
	Make sample set available for testing	Done			===					
	Ask for most common searches for EOL species pages				===					
4.2	**Analysis of "Gray" names**		**3**	^						
4.3	**Refine NomenFinder**		**3**	^						
	EOL did first draft, BHL provided feedback, more analysis needed									
	Review other name finding algorithms		**3**							
	NetiNeti									
5	**BHL PORTAL ENHANCEMENTS**		**2**							
5.1	**Commit BHL value-added information back to Internet Archive file system**		**1**							
	Auditing of changes for tracking purposes	Done				===				
	Writing METS to IA for each vol.						======			
5.2	**Review OAI Metadata from BHL to CiteBank**		**2**			=========				
5.3	**Revise MODS display in UI in APIs**		**3**			==				
5.4	**Enhance Articlizing UI**		**1**	^						
	Include user option to save file to Citebank	Done				========				
	Change the UI labels for article metadata	Done				=				
	Instructions needs to be outside of data entry box									
	Perform new analysis and report of usage and trends	Done					===			
	LITA									
	Continue promoting this feature									
	Show an end to end example from BHL to Citebank									
	Update online video									
	Add multiple language?									
6	**TEXT CORRECTION**		**3**	^						
6.1	**Map out an infrastructure for global use and access**		**3**							
6.2	**Develop a prototype/test for "correct this text" feature**		**3**							
	Evaluate Trove from Australia									
	Evaluate Wikisource									
	Evaluate Bbliotheca Alexandrina OCR correction									
7	**CONTENT ACQUISITION**		**1**							
7.1	**NHM & CUL scans for Darwin's Library**	Done	**3**			=				
7.2	**More content through IA scanning**		**1**	^	==========					
7.3	**Ingest content from BHL partner boutique scanning**		**1**			========				
7.4	**More publishers & repositories content throught Citebank**		**1**		==========					
	Manual loading for providers in need of assistance		1		==========					
	OAI-PMH index for publishing systems		1		==========					
8	**SUSTAINABILITY**		**1**							
8.1	**Work with BA and other interested partners to replicate BHL app, database, and**		**1**		==========					
8.2	**Support static app at MOBOT**		**2**						1	1
8.3	**Pursue technology funding for projects indicated**		**1**	^	==========					

OTHER FUNDED PROJECTS									
TL2 INTEGRATION									
Scan volumes	Done								
Rekey volumes	In process								
Determine Data model	In process								
Determine how to integrate with ViBRANT and GRIB	In process								
FEDORA									
Integrate Fedora into Cluster									
Integrate Fedora into Citebank									
LIFE AND LITERATURE CONFERENCE									
Provide sys admin / infrastructure support	Done								
DARWIN'S LIBRARY									
Prep submitted images	Done								
Load content to IA	Done								
Load annotation data files	Done								
Final review	Done								
Production launch	Done								
GLOBAL BHL									
Instantiate a BHL repository node in Europe based on Fedora Commons and oth	In process								
Instantiate a BHL repository node in Asia based on Fedora Commons and other	Done								
Instantiate a BHL repository node in Australia based on Fedora Commons and o	Done								
Instantiate a BHL repository node in South America based on Fedora Commons	In process								
Instantiate a BHL repository node in Africa based on Fedora Commons and other open source technologies.									
BHL-AUSTRALIA									
Content distribution & synchronization	In process								
Portal requirements	In process								
BHL-CHINA									
Assist scanning & metadata improvement	In process								
Content distribution & synchronization	In process								
Portal requirements	In process								
BHL-EUROPE									
Content distribution & synchronization	In process								
Portal requirements being built, deliviered via Drupal / Fedora	Done								