

Application Institution: Missouri Botanical Garden	Schedule of Completion											
Project Director: Trish Rose-Sandler	Year 2											
Project Title: "Purposeful Gaming and BHL"	2014				2015							
Project Grant Period: Dec 1, 2013 - Nov 30, 2015	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	13	14	15	16	17	18	19	20	21	22	23	24
Objective 1: Digitizing horticultural catalogs	[Shaded]											
Digitize	[Shaded]											
Quality Assessment	[Shaded]											
Generate OCR	[Shaded]											
Objective 2: Transcribing notebooks and catalogs	[Shaded]											
Research and Implement transcription software	[Shaded]											
Transcribe field notebooks	[Shaded]											
Transcribe horticultural catalogs	[Shaded]											
Objective 3: Building the technical framework	[Shaded]											
Program algorithm to classify OCR text pages according to non-Alpha characters ratio	[Shaded]											
Adapt BHL portal by re-structuring the OCR text storage system and adapting its functionality	[Shaded]											
Implement a framework that would support the workflow needed for the project to be able to handle the text versions provided	[Shaded]											
Objective 4: Comparing digital outputs for accuracy	[Shaded]											
Develop or adapt algorithm to compare 2 or more versions of text and extract problematic words from within text	[Shaded]											
When available, determine the area in the page image where the problematic text occurs and extract it	[Shaded]											
Automate generation of input for the gaming platform and incorporation of results into a final version of the text	[Shaded]											
Objective 5: Developing and deploying game	[Shaded]											
Issue RFP and sign contract with vendor	[Shaded]											
Discovery and Design	[Shaded]											
Testing	[Shaded]											
Deployment & Promotion	[Shaded]											
Objective 6: Evaluating accuracy scores from the game against ground truth pages	[Shaded]											
Build "ground truth" files	[Shaded]											
Assemble corrected text output from game and evaluate a sample	[Shaded]											
Fine Tune text correction process based on evaluation	[Shaded]											
Objective 7: Generating error matrix for cleanup	[Shaded]											
Generate an error matrix for each page with an OCR output	[Shaded]											
Run automated correction on remaining BHL corpus	[Shaded]											
Objective 8: Producing report and disseminating findings	[Shaded]											
Final Report	[Shaded]											
Disseminate findings	[Shaded]											