

Preservation Still Image Defects: A New Resource

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Abstract

This paper showcases the value, interest, and impact of a long-awaited resource that serves a range of production, development, and training needs. It includes sample images of common (and uncommon) defects, causes/sources, and potential remedies. Work on the Image Defects Pages includes contributions from members of the cultural heritage, and preservation fields and will continue to grow with the support and participation of members of the community throughout the world.

Image Defect Pages

The latest version of the Stanford University Libraries' Image Defects Pages are now "live" and made freely available to the cultural heritage and library communities (figure 1) [1]. Within the pages are over 100 examples of:

- common imaging defects,
- descriptions of the issues,
- descriptions of potential causes,
- and potential remedies.

Examples	Descriptions	Appearance	Causes	Remedies
	Organic stained film (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic bleed through, print through (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic faded film (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Resistivity loss (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic damaged film (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic watermark or imprint (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic ink bleed through (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic ghosting (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.
	Organic double printed (unacceptable)		Water damage, mold, foxing, etc.	Check for water damage, mold, foxing, etc.

Figure 1. Image Defect Pages

High resolution versions for each of the examples can be accessed by clicking on the thumbnails (figure 2). The lists are sortable by description, by "look", and by cause.

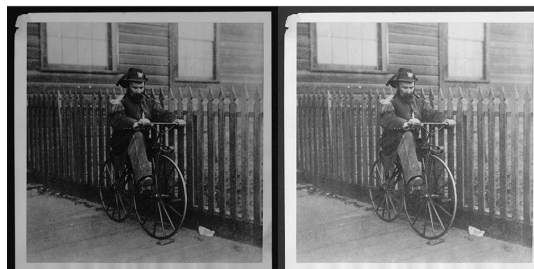


Figure 2. High resolution image defect examples

Analytics

Google Analytics™ site traffic and visualization (figure 3) of visit duration by location for August 1, 2012 through February 1, 2013:

- Visits: 2,661
- Pages/Visit: 3.54
- Avg. Visit Duration: 3:42
- % New Visits: 68.66%

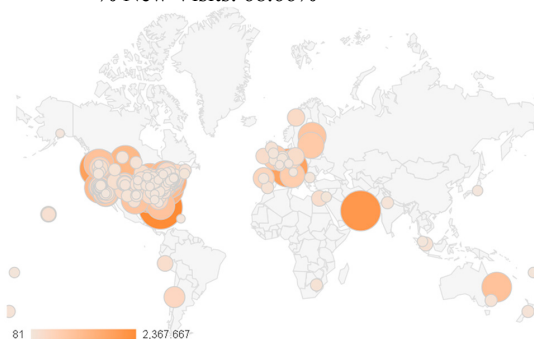


Figure 3. Google Analytics: visit duration – August 1, 2012 to February 1, 2013

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References

- [1] Stanford University Libraries, Image Defect Pages, (2012). <http://lib.stanford.edu/digital-production-services/quality-assurance-image-defects> (Accessed 1/30/2013)

Author Biography

Matt Pearson is the Digitization & Services Coordinator for the California Digital Library. In his previous role as Image Quality Assurance Specialist for Stanford University Libraries, Matt developed a robust quality assurance program that supports the University's broad range of digitization and digital preservation initiatives.