

# mPach: Publishing Directly in HathiTrust

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University of Michigan Library



# mPach

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Production Service





# Making of America



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<b>Title:</b>	The American Jewess: Vol. 8, No. 5
<b>Publication Info:</b>	Ann Arbor, Michigan: University of Michigan Library 2004
<b>Availability:</b>	These pages may be freely searched and displayed. Permission information.
<b>Print source:</b>	<i>The American Jewess</i> [Chicago: R. Sonneschein], [1895-
<b>Subject terms:</b>	Jewish women -- Periodicals. -- United States
<b>URL:</b>	<a href="http://name.umdl.umich.edu/taj1895.0008.005">http://name.umdl.umich.edu/taj1895.0008.005</a>

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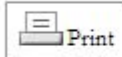
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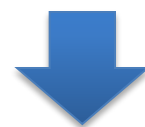
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## Volume 15, No. 1 CURRENT ISSUE

### [Editor's Note](#)

Rebecca Welzenbach and Shana Kimball

### [Refurbishing the Camelot of Scholarship: How to Improve the Digital Contribution of the PDF Research Article](#)

John Willinsky, Alex Garnett, and Angela Pan Wong

The Portable Document Format (PDF) has become the standard and preferred form for the digital edition of scholarly journal articles. Originally created as a solution to the need to “view and print anywhere,” this technology has steadily evolved since the 1990s. However, its current use among scholarly publishers has been largely restricted to making research articles print-ready, and this greatly limits the potential capacity of the PDF research article to form a greater part of a digital knowledge ecology. While this article considers historical issues of design and format in scholarly publishing, it also takes a very practical approach, providing demonstrations and examples to assist publishers and scholars in finding greater scholarly value in the way the PDF is used for journal articles. This involves but is not limited to graphic design and bibliographic linking, the deployment of metadata and research data, and the ability to combine elements of improved machine and human readability.

### [Social Media: New Editing Tools or Weapons of Mass Distraction?](#)


Agata Mrva-Montoya

Despite the exponential rise of social media use in the publishing industry, very

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# NISO Z39.96 The Journal Article Tag Suite (JATS): What Happened to the NLM DTDs?

Jeffrey Beck

Volume 14, Issue 1, Summer 2011

DOI: <http://dx.doi.org/10.3998/3336451.0014.106>

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## Abstract

*In creating PubMed Central (PMC) <sup>[1]</sup>, the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM) needed a common format, with a single Document Type Definition (DTD), for all content in PMC. The first version of the NLM DTD was made available to the public in early 2003, and it quickly became the de facto standard for tagging journal articles in XML even outside the NLM. As usage grew, users and potential users started asking about formalizing the article models as a standard with the National Information Standards Organization (NISO).*

*Work on the NISO standard began in late 2009, and the Journal Article Tag Suite was released as a Draft Standard for Trial Use as NISO Z39.96 in March 2011.*

## A Short History of the NLM DTD Project

### PubMed Central and the pmc-1.dtd

PMC is the NLM's digital library of full-text life sciences journal literature. Currently it holds over 2 million articles from more than 250 publishers. Although PMC is also used to store articles based on research funded with NIH grants as part of the NIH Public Access project <sup>[2]</sup>, the original intent of the project was to take full-text article submissions from publishers and make them available through the database. The only technical requirement at the time was that the publisher had to supply the articles in some SGML or XML format and include all images so that the articles could be displayed at PMC.

In early PMC (see Figure 1), the SGML or XML content was loaded into a database and then it was rendered into HTML from the



# Opportunities

- HathiTrust
  - offers a better infrastructure for development than DLXS
  - is certified by Trustworthy Repositories Audit & Certification (TRAC)
- There's growing interest among institutions in building a shared infrastructure for publishing.

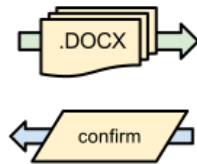
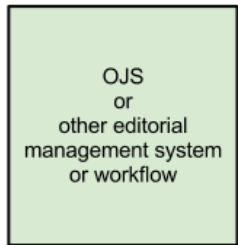


# mPach: what are we creating?

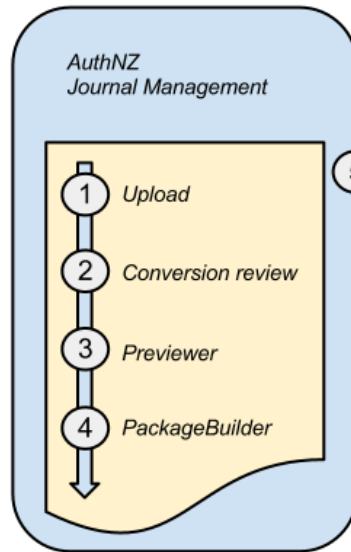
- modular platform
- tightly coupled with the HathiTrust repository
- for open-access journals
- all you need to publish and preserve an OA journal
- will integrate with Open Journal Systems (OJS)

# mPach

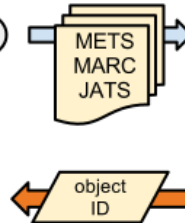
## Peer Review and Editorial Workflow



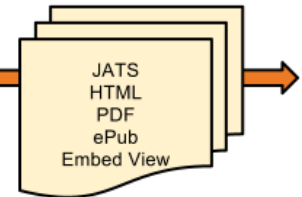
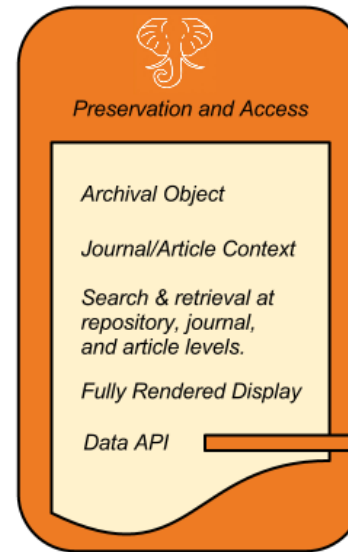
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### Article Information

# Color variability and body size of larvae of two *Epomiss* species (Coleoptera , Carabidae) in Israel, with a key to the larval stages

Gil Wizen

Avital Gasith

### Abstract

Species identification using the characteristics of developmental stages is challenging. However, for insect taxonomy the coloration of larval stages can be an informative feature. The use of live specimens is recommended for this because the color fades in preserved specimens. In this study we examine the possibility of using variation in coloration and color pattern of larvae in order to distinguish between two ground beetles species *Epomis dejeani* Dejean , 1831) and *Epomis circumscriptus* (Duftschmid .

# Not just for us!

Just as the DLXS and HathiTrust infrastructures were originally designed to meet needs at Michigan but later made available to other institutions, we plan to do the same with the mPach tool set.

# Timeline

Now: Normalization of articles to JATS

Soon: Ingest of articles into HathiTrust repository

Longer term:

1. MPublishing staff use it.
2. MPublishing journal editors use it directly.
3. You use it too!



# For more information

<http://www.lib.umich.edu/mpach>

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