eMOP so far

Chicago DHCS Colloquium
23 October 2014
Laura Mandell
The Early Modern Data Set

- **EEBO**
  - 45,000 Typed by Hand
  - 80,000 have No transcriptions
  - 125,000 Total Documents

- **ECCO**
  - 179,800* have Gale's OCR
  - 182,000 Total Documents

**Time**

- **1500** - Fonts Imported
- **1640** - Spelling regularizes
  - Fonts still Imported
- **1700** - Fonts still Imported
- **1720** - Primarily Caslon and Caslon-like Fonts
- **1755** - Spelling Standardized
- **1790** -
  - Imported
- **1800**
Tools
"The history of Pompey the littl..."
Optional Markup for TypeWrite

TypeWrite offers the option of inserting more detailed information about the text being transcribed and verified. The following lists some of the optional markups that may be used in TypeWrite.

<table>
<thead>
<tr>
<th>MARKUP</th>
<th>TAG/ATTRIBUTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italics</td>
<td><code>&lt;hi rend=&quot;italic&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Boldface</td>
<td><code>&lt;hi rend=&quot;bold&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Superscript</td>
<td><code>&lt;hi rend=&quot;sup&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Subscript</td>
<td><code>&lt;hi rend=&quot;sub&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Smallcaps</td>
<td><code>&lt;hi rend=&quot;smallcaps&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Underlining</td>
<td><code>&lt;hi rend=&quot;underline&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Centered Line</td>
<td><code>&lt;hi rend=&quot;center&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Drop Cap</td>
<td><code>&lt;hi rend=&quot;dropcap&quot;&gt;...&lt;/hi&gt;</code></td>
</tr>
<tr>
<td>Page Header</td>
<td><code>&lt;fw type=&quot;header&quot;&gt;...&lt;/fw&gt;</code></td>
</tr>
<tr>
<td>Page Number</td>
<td><code>&lt;fw type=&quot;pageNum&quot;&gt;...&lt;/fw&gt;</code></td>
</tr>
<tr>
<td>Signature Mark</td>
<td><code>&lt;fw type=&quot;sig&quot;&gt;...&lt;/fw&gt;</code></td>
</tr>
<tr>
<td>Catchword</td>
<td><code>&lt;fw type=&quot;catch&quot;&gt;...&lt;/fw&gt;</code></td>
</tr>
<tr>
<td>Strikethrough</td>
<td><code>&lt;del rend=&quot;overstrike&quot;&gt;...&lt;/del&gt;</code></td>
</tr>
<tr>
<td>Inverted character</td>
<td><code>&lt;del rend=&quot;inverted&quot;&gt;...&lt;/del&gt;</code></td>
</tr>
</tbody>
</table>

For more details on the Markups that TypeWrite recognizes, visit the TypeWrite Markup Page.
"The history of Pompey the littl..."

In this document the original spelling should be retained.

Instructions:
Use arrow buttons above-right or click on the thumbnail to jump around the page. You can add and delete lines; even if some lines are incompletely outlined in red, type every word on the line in which the red box appears.

- If a word or portion of a word is illegible, type "@" in its place; please do not make any guesses about what a word might be.
- Copy original spelling and punctuation, typing what you see on the page, except in the case of the long 's': use 's' and not 'f' when 's' is called for.
- Include end-of-line hyphens, preserving the syllables as they occur on each line.

Keyboard Shortcuts

<table>
<thead>
<tr>
<th>Key</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ctrl+Delete</td>
<td>Delete the line</td>
</tr>
<tr>
<td>Ctrl+Enter</td>
<td>Assert the line is correct</td>
</tr>
<tr>
<td>Ctrl+Y</td>
<td>Undo/Redo</td>
</tr>
<tr>
<td>Ctrl+Shift+I</td>
<td>Insert line above</td>
</tr>
<tr>
<td>Ctrl+Shift+H</td>
<td>Find</td>
</tr>
<tr>
<td>Ctrl+I</td>
<td>Insert line below</td>
</tr>
<tr>
<td>Down Arrow</td>
<td>Go down one line</td>
</tr>
<tr>
<td>End</td>
<td>Go down one line</td>
</tr>
<tr>
<td>Enter</td>
<td>Move cursor to end of line</td>
</tr>
<tr>
<td>Home</td>
<td>Move cursor to beginning of line</td>
</tr>
<tr>
<td>Page Down</td>
<td>Go down three lines</td>
</tr>
<tr>
<td>Page Up</td>
<td>Go up three lines</td>
</tr>
<tr>
<td>Up Arrow</td>
<td>Go up one line</td>
</tr>
</tbody>
</table>

Feedback Help FAQs Optional Markup Guide
"The history of Pompey the littl..."
"The history of Pompey the littl..."
"The history of Pompey the littl..."

In this document the original spelling should be retained.

Instructions:
Use arrow buttons above-right or click on the thumbnail to jump around the page. You can add and delete lines; even if some lines are incompletely outlined in red, type every word on the line in which the red box appears.

- If a word or portion of a word is illegible, type "@" in its place; please do not make any guesses about what a word might be.
- Copy original spelling and punctuation, typing what you see on the page, except in the

Keyboard Shortcuts

<table>
<thead>
<tr>
<th>Key</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ctrl+Delete</td>
<td>Delete the line</td>
</tr>
<tr>
<td>Ctrl+Enter</td>
<td>Assert the line is correct</td>
</tr>
<tr>
<td>Ctrl+Y</td>
<td>Undo/Redo</td>
</tr>
<tr>
<td>Ctrl+Shift+I</td>
<td>Insert line above</td>
</tr>
<tr>
<td>Ctrl+Shift+H</td>
<td>Find</td>
</tr>
<tr>
<td>Ctrl+I</td>
<td>Insert line below</td>
</tr>
<tr>
<td>Down Arrow</td>
<td>Go down one line</td>
</tr>
<tr>
<td>End</td>
<td>Move cursor to end of line</td>
</tr>
<tr>
<td>Enter</td>
<td>Go down one line</td>
</tr>
<tr>
<td>Home</td>
<td>Move cursor to beginning of line</td>
</tr>
<tr>
<td>Page Down</td>
<td>Go down three lines</td>
</tr>
<tr>
<td>Page Up</td>
<td>Go up three lines</td>
</tr>
<tr>
<td>Up Arrow</td>
<td>Go up one line</td>
</tr>
</tbody>
</table>

Live Edit Status

The following people are currently editing this page:
mandellc (0 0:0:27)
http://emop.tamu.edu
The following people are currently editing this page:

mandellc (0 0:4:32)
mandellc (0 0:3:13)
mandellc (0 0:1:35)

The following people are currently editing other pages in this document:

mandellc (0 0:4:47) (page: 2)
Books

+40094  Alkinou eis ta tou Platonos eisagoge Alcinoi in Platonicam philosophiam introductio, by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+40104  The Ages of sin, or, Sinnes birth & groweth with the stepps and degrees of sin, from thoug by Anon. (1655) published by [London : Thomas Janner, ca. 1655]

+40138  Sir Henry Vans politicks, or, His cases of conscience lately found in his cabinet at Arabie, by Anon. (1661) published by London : [s.n.], Printed in the year, 1661.

+Alkinou eis ta tou Platonos eisagoge Alcinoi in Platonicam philosophiam introductio, by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+Of religious melancholy a sermon preach'd before the Queen at White-hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of the immortality of the soul a sermon preached before the King and Queen at White-Hall by Moore, John, 1646-1714 (None)
Of religious melancholy a sermon preach'd before the Queen at White-hall

Author: Moore, John, 1646-1714
Published: None
Collection: John Moore 3
Repository: Texas A&M University Repository
Issued: March 12, 2014, 11:17 a.m.
Books

+40094  Alkinou eis ta tou Platonos eisagoge Alcinoi in Platonicam philosophiam introductio. by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+40104  The Ages of sin, or, Sinnes birth & groweth with the stepps and degrees of sin, from thoug by Anon. (1655) published by [London : Thomas Jenner, ca. 1655]

+40138  Sir Henry Vane[s]s politicks, or, His cases of conscience lately found in his cabinet at Arabie, by Anon. (1661) published by London : [s.n.], Printed in the year, 1661.

+Alkinou eis ta tou Platonos eisagoge Alcinoi in Platonicam philosophiam introductio. by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+Of religious melancholy a sermon preach'd before the Queen at White-hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of the immortality of the soul a sermon preached before the King and Queen at White-Hall by Moore, John, 1646-1714 (None)
Books

+40094  Alkinou eis ta tou Platonos eisagoge Alcinoi in Platoniacam philosophiam introductio, by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+40104  The Ages of sin, or, Sinnes birth & groweth with the stepps and degrees of sin, from thoug by Anon. (1655) published by [London : Thomas Jenner, ca. 1655]

+40138  Sir Henry Vanes politicks, or, His cases of conscience lately found in his cabinet at Arabie, by Anon. (1661) published by London : [s.n.], Printed in the year, 1661.

+Alkinou eis ta tou Platonos eisagoge Alcinoi in Platoniacam philosophiam introductio, by Albinus. (1667) published by Oxoniae : Typis Lichfieldianis ..., 1667.

+Of religious melancholy a sermon preach'd before the Queen at White-hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of religious melancholy A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

+Of the immortality of the soul a sermon preached before the King and Queen at White-Hall by Moore, John, 1646-1714 (None)

http://emop.tamu.edu
Digital Books at Texas A&M

- Of religious melancholy a sermon preach'd before the Queen at White-hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of religious melancholy, A sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of the immortality of the soul a sermon preached before the King and Queen at White-Hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
- Of the immortality of the soul a sermon preached before the King and Queen at White-Hall by Moore, John, 1646-1714
Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714 (None)

Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714
Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714

Of religious melancholy a sermon preach'd before the Queen at White-Hall by Moore, John, 1646-1714.
Transcriptions

() OF Religious Melancholy. A SERMON Preach'd before the QUEEN AT WHITE-HALL, March the 6th, 1691/2. By the Right Reverend Father in God, John, Lord Bishop of Norwich. Published by Her Maiestys special Command. The Second Edition. LONDON: Printed for William Rogers at the Sun over against St. Dunstan's Church in Fleetstreet. 1692.
Processes
Tesseract is probably the most accurate open source OCR engine available. Combined with the Leptonica Image Processing Library, it can read a wide variety of image formats and convert them to text in over 60 languages. It was one of the top 3 engines in the 1995 UNLV Accuracy Test. Between 1996 and 2006 it had little work done on it, but since then it has been improved extensively by Google. It is released under the Apache License 2.0.

- **ReadMe** - Installation and usage information.
- **Compiling** - How to build Tesseract on a variety of platforms.
- **FAQ** - Common questions and problems. Please check before filing a bug or consulting the forum.
- **Too many errors?** - See the guidance on getting the best out of Tesseract.

**Supported Platforms**

Tesseract works on Linux, Windows (with VC++ Express or CygWin) and Mac OSX. See the ReadMe for more details and install instructions. It can also be compiled for other platforms, including Android and the iPhone, though these are not as well tested platforms. See also the AddOns page for other projects using Tesseract on various platforms.

If you’re interested in supporting other platforms or languages, please get in touch with Ray Smith or the Developers.

**A Note about Downloads**

With the discontinuation of downloads at code.google.com, new source downloads will be posted to GoogleDrive. Other download folders will be setup as new files are uploaded, and the original Downloads page will go away. During the transition, other downloads can still be found at the Old Downloads page.

http://emop.tamu.edu
About

Franken+ was developed by Bryan Tarpley at the Initiative for the Digital Humanities, Media, and Culture at Texas A&M University. It is a specialized tool designed to allow users to perform OCR on historic fonts. Franken+ ingests output from PRIMALab's Aletheia (currently, only output from Aletheia version 2.1 is supported, which is still available for download on their site under "previous version"). Aletheia allows the user to open a scanned text document, binarize it, and draw boundaries around each individual character (among many other things). Franken+ currently only works with Aletheia projects wherein the characters have been outlined using polygons (not boxes). Once each character has been bounded appropriately, Aletheia saves the project as an XML file which adheres to PRIMA's PAGE XML format. Provided the binarized image and the resulting XML file generated with Aletheia, Franken+ extracts individual .tif images for each letter blocked-out using Aletheia, giving the user the opportunity to hard-pick the best instances of each letter (thus producing a "font" consisting of only hand-picked images). Using this font, Franken+ can then create synthetic TIF images of text "printed" using this font, with corresponding BOX files, which are then used to train Google's open-source Tesseract OCR engine in order to OCR images of documents printed with the relevant historic font. Using these synthetic images and their corresponding BOX files, Franken+ then automates the Tesseract font training process and allows a user to test this font.
PageCorrection Tool
Fig. 6. Iterative relabeling results for a test image. Color denotes MLP confidence: the more saturated, the higher the confidence. Red: noise; green: text
Fig. 3. Finding nearest neighbors. Only those within $D_{\text{max}}$ from the corners of the target BB (outlined) are considered. Colors indicate the corner to which neighbors are assigned.
Automatic assessment of OCR quality in historical documents

Anshul Gupta¹, Ricardo Gutierrez-Osuna¹, Matthew Christy², Boris Capitanu³,
Loretta Auvil³, Liz Grumbach², Richard Furuta¹, and Laura Mandell²

¹Department of Computer Science and Engineering, Texas A&M University
²Initiative for Digital Humanities, Media, and Culture, Texas A&M University
³Illinois Informatics institute, University of Illinois at Urbana-Champaign

{anshulg,r gutier,mchristy,ogrumbac,furuta,mandell}@tamu.edu, {capitanu,lau vil}@illinois.edu

Abstract
Mass digitization of historical documents is a challenging problem for optical character recognition (OCR) tools. Issues include noisy backgrounds and faded text due to aging, border/marginal noise, bleed-through, skewing, warping, as well as irregular fonts and page layouts. As a result, OCR tools often produce a large number of spurious bounding boxes (BBs) in addition to those that correspond to words in the document. This paper presents an iterative classification algorithm to automatically label BBs (i.e., as text or noise) based on their spatial distribution and geometry. The approach uses a rule-base classifier to generate initial text/noise labels for each BB, followed by an iterative classifier that refines the initial labels by incorporating local information to each BB, its spatial location, shape and size. When evaluated on a dataset containing over 72,000 manually-labeled BBs from 159 historical documents, the algorithm can classify BBs with 0.95 precision and 0.96 recall. Further evaluation on a collection of 6,775 documents with ground-truth transcriptions shows that the algorithm can also be used to predict document quality (0.7 correlation) and improve OCR transcriptions in 85% of the cases.

from microfilm converted from photographs—four decades and three generations away from the originals.

Motivated by these issues, in 2013 we started the Early Modern OCR Project (eMOP; http://emop.tamu.edu) with funding from the Andrew W. Mellon Foundation. eMOP is a two-year mass digitization project that seeks to improve OCR for some 45 million pages from the Eighteenth Century Collections Online (ECCO) and Early English Books Online (EEBO) proprietary database products. Beyond producing accurate transcriptions for these collections, eMOP aims to create tools (dictionaries, workflows, and databases) to support scholarly research at libraries and museums. Much like our team, these organizations lack the resources to manually transcribe their collections or contract with commercial OCR services (e.g., Prime Recognition Corp.) As such, and as required by Mellon, all tools used and produced by eMOP must remain free or open-source.

As a step towards this goal, this paper describes an approach to assess the quality of historical documents that
Fig. 1. (a) Stages in the interactive machine learning pipeline. (b) Mockup of the tagML interface.
Results
Three things being observed it must be considered, that the Pafls now in effect chargd against the Dutchers, are insinuated to be done many years since, and were debated and considered before the Peers, before the coalition of the two last Illustrious and long before the Agreement for putting an end to all Controversies and Disputes. Now it's very hard upon the Dutchers to account for again, for though every Pafl, considering that after eight or nine years, many People are dead, others dispersed, and not in a little time to be found out, and circumstances of times and places (which in the nature of all these Cases is almost all that is left to discover a False's Fugacity. The Dutchers is also under the unavoidable necessity of proving a Negative against the Swearing, and this without any matter introduced, and only by two main Servants, the one turned out of her Place for keeping company with some Soldiers, and the other having his Place in default, because he could not have his Play Money.

Matters are already too much in the power of the Servants, and if they charge their Masters with Adultery, Divorce and even Treason, it is not within the power of the Matter to defend himself against it. Swearing Servants having their opportunities of the knowledge of times and places and Company, which cannot be denied or avoided, and which others have not, whereas because every place and every State have bespoken very strong and certain evidence, and many times are of ill Principles and delinquent Fortunes, and of temporal very high esteem; so that whoever turns away a Servant, he is in his power for his Estate, Honour, and even Life itself. And therefore, for the safety and freedom of Families in other Countries, they are not permitted to be Evidences against their Masters, in any manner criminal whatsoever.

Note also the Dutchers stamda, She as an English Subject has by some Courts, the last right to a Tryal in the Legal and ordinary way of Justice, as the rest of the Kings Subjects, especially considering that there never yet was in England one Proceeding, of a Bill exhibited in Parliament to dissolve a Marriage in the first instance, without any previous proceedings in the Ecclesiastical Courts; which in their Cases is the Law of the Land, and above sixty or sixty years ever pilled to dissolve Marriages, or make Second Marriages, or even after those had been a divorce in the Spiritual Courts, and those Bills too to Cases generally where the Hindmarsh went without any recommendation. No impediment appears why the Duke should not have endeavored a Divorce to the Legislatore, for Tryal of matters of Private right, is improper, because there are proper Juncitures, that give that remedy the Law allows. To ask any thing of the Legislatore, in private Cases between Parry and Ferr, beyond what the known Laws in force give, seems to be improper, 

1. It is to make a Law in one Preces, which is not the Law in another.

2. It is to respect itself; and after the Pafl to augment or alter the Penalty. Our Laws are certain, and known, that persons may conform their actions to them.

3. The Courts and Forms of Law are equally the Subject's right with the Law, and the application to the Legislatore, takes away all that right of From and Charging, whereas a certainty is in time to Answer, and exceptions to Wottinells, and other Legal defence of the Pafl, cannot be denied the mainit Subject.

The consequence that short and summary ways of proceedings, may have on the Settlemets of Estates and Families, may be very dangerous, and though there both Spiritual and Temporal extend their Pretend against its Falling, and it ought to be no prejudice to the Dutchers, that the next Heir presumptive to the Duke, doth not yet appear to be a Protestant, because when a Bill Noble Family will be without a Protestant at the head of it, and if any of the Wottinells formerly examined on the Bill in 1691, be now again then give was totally overthrown, by a great number of Wottinells, it will fall in the disadvantage of the great distance of time.

FINIS.
**Work:** The case of Mary dutchess of Norfolk

**Batch:** 738: EEBO Doc for Larua - corrected -SC...

**Print Font:** Training Test Suite

<< Back To Dashboard

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th>Page Number</th>
<th>Juxta</th>
<th>RETAS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>0.867</td>
<td>0.779</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>0.824</td>
<td>0.73</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>0.828</td>
<td>0.716</td>
</tr>
</tbody>
</table>

<< Back To Dashboard
1- It is to make a Law in one persons Case, which is not the Law in ano-
thers. 2. It is to retrospect actions, and after the Fact to Augment or alter tho Pe-
nyalty. Our Laws are certain' and known, that persons may conform their
actions to them-
' The Coutts and Forms of Law are equally the Subjects right with tho Law,
and the application to the Legislature' takes away all that tiglic of Foism and
Charging, whereas a certainty in time to Answer, and exceptions to Witnesses'
and other Legal defences of the Fact' cannot be denied the meanest
Subject.
The consequence that short and summary ways of proceedings, may have ori
the Settlements of Estates and Families, may be very dangerous' and though
the Duke of Nors?)lk's Bill nailed the House of peerffy vor great number Of the
years both spiritual and Temporal entred their Protest against its Passing' and
their reasons for it.
It ought to be no prejudice to the Dutchess, that the next Heir presumptive
to tho Duke, doth not as yet appear to be a Protestant, because when a Bill
which hath lately palled both Houses is become a Law, it is not likely that
Noble Fatuity will be without a Protestant at the head of it.
-, be now a aain
produced' it is humbly apprehended' that as the validity of their testimony they
then gave was totally overthrown, by a great number of Witnesses, so it will
be again tho' under the disadvantage othe great distance of time
II

Thro' Error's maze a Leader she would prove,
And light the Lamp of pure celestial Love?

On Thule's heathy heights see VIRTUE stand,
With ling'ring looks, prepar'd to leave the Land!
To wafte in northern night the lonely hour,
And mourn 'mid Hecla's caves her ravish'd pow'r:
See fond Affection warn her e'er she flies,
And turn to you her supplicating eyes;
Where Hope still struggles thro' each chrysal Tear,
That watery shines, and streaks the gloom of Fear!

Recall her with your smiles, confirm her reign,
The trait'rous Rival of her empire slain!
For yours, for Albion's fake retard her flight;
When Virtue sets, 'tis Beauty's blackest night.
In vain you'll mourn the absence of her ray,
To ruthless Luft an unresisting Prey!
Find civil Order to Confusion hurl'd,
And mental Darkness overwhelm the world!

D Again
**Work:** On illicit love, Written among the ruins of Godstow nunnery, near Oxford. By John Brand, ...

**Batch:** 735: ECCO Doc for Laura - SC-wCAS-C2 Rev

**Print Font:** Test Training Suite-ECCO

<< Back To Dashboard

<table>
<thead>
<tr>
<th>Page Number</th>
<th>Juxta</th>
<th>RETAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.078</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0.74</td>
<td>0.594</td>
</tr>
<tr>
<td>3</td>
<td>0.666</td>
<td>0.783</td>
</tr>
<tr>
<td>4</td>
<td>0.784</td>
<td>0.576</td>
</tr>
<tr>
<td>5</td>
<td>0.955</td>
<td>0.75</td>
</tr>
<tr>
<td>6</td>
<td>0.935</td>
<td>0.776</td>
</tr>
<tr>
<td>7</td>
<td>0.922</td>
<td>0.762</td>
</tr>
<tr>
<td>8</td>
<td>0.84</td>
<td>0.81</td>
</tr>
<tr>
<td>9</td>
<td>0.846</td>
<td>0.764</td>
</tr>
<tr>
<td>10</td>
<td>0.929</td>
<td>0.752</td>
</tr>
<tr>
<td>11</td>
<td>0.963</td>
<td>0.786</td>
</tr>
<tr>
<td>12</td>
<td>0.96</td>
<td>0.772</td>
</tr>
<tr>
<td>13</td>
<td>0.94</td>
<td>0.752</td>
</tr>
<tr>
<td>14</td>
<td>0.835</td>
<td>0.814</td>
</tr>
<tr>
<td>15</td>
<td>0.902</td>
<td>0.691</td>
</tr>
<tr>
<td>16</td>
<td>0.943</td>
<td>0.802</td>
</tr>
<tr>
<td>17</td>
<td>0.963</td>
<td>0.843</td>
</tr>
<tr>
<td>18</td>
<td>0.955</td>
<td>0.836</td>
</tr>
<tr>
<td>19</td>
<td>0.89</td>
<td>0.684</td>
</tr>
<tr>
<td>20</td>
<td>0.97</td>
<td>0.799</td>
</tr>
<tr>
<td>21</td>
<td>0.561</td>
<td>0.315</td>
</tr>
</tbody>
</table>

<< Back To Dashboard
Thro' Error's maze a Leader she would prove!
And light the Lamp of pure celestial Love?

On Thule's heathy heights fee VIRTUE stand,
Which ling'reing looks' prepar'd to leave the Land!
To 4waste in northern night tho lonely hour'

And mourn 'mid Hecla's caves her reviiah'd pow'r:
See fond Affection warn her e'er ihe flies'

And turn to you her supplicating eyes;

Where Hope still struggles thro' each chrystal Tear'
That watry ihines' and streaks the gloom of Fear!

Recall her with your smilos' confirm her reign'
The trait'rous Rival of her empire ilain!
For yours' for Albion's fake retard her flight;
When Vir'tue sets' 'tis Beauty's blackest night—
In vain you'll mourn the absence of her ray'
To ruthless Lust an unrelisting Prey!
Find civil Order to Confufion hurl'd,

And mental Darkness overwhelm tho world!'
IT may be Objeeted, That the Burghesses who returned the Sitting-Members had not the Precept with them to produce to the Sheriffs when they made the Return; and that the Petitioners had the Precept, and produced it with their Return, which was tendered to the Sheriff, and refused.

IT is Answered, First, That this Fact is not insipt upon in the Petition, nor made any Part of the Petitioners Complaint; and it is apprehended, that no Objection can be taken in the House but what is contained in the Body of the Petition.

Secondly, BUT if this Fact be admitted, it is insipt, that by the 23 H. 6. ch. 15. it is directed, that the Precept be returned by Indenture; but it is not necessary the Precept should be annex'd to the Indenture, or delivered to the Sheriff with it, and the Practice is generally otherwife; for in this present Parliament, there are near Three Hundred Members who have no Precepts annexed to their Returns. An Indenture between the Sheriff and the Returning Officer, mentioning the Election to have been made by Virtue of a Precept to him directed, is certainly good, which shews, the Precept need not to be annexed to the Indenture.

IF it be Objeeted, That tho' the Precepts are not always returned by the Sheriffs to the Clerk of the Crown, yet they must be delivered to the Sheriff by the Returning Officers; it may be Answered, That it being not necessary for the Sheriff to return the Precept with the Indenture to the Clerk of the Crown; neither can it be necessary to return'd to the Sheriffs by the Parties with their Indenture; for this being a Matter which concerns the Sheriff's personal Satisfaction only, it remains absolutely in his Breast, whether he will call for it or not; and it can be no Error if he accepts a Return without it; and in common Cases of Process, the Officer that hath the Sheriff's Warrant, doth not after Execution of it, deliver it back to the Sheriff.

WE apprehend, that the Precept being by this Petition admitted to be directed to the Burghesses and Electors only, and the Return which was tendered by the Petitioners, being also thereby admitted to be a Return of the Constables and Burghesses; this Return was not made by the Persons to whom the Precept was directed; and therefore was not proper to be received by the Sheriff, nor such as the House can now accept; for the Precept ought to be returned by the same Persons to whom it is directed.

IT may be Insipt, that these are Points in Law proper to be argued by Council; and therefore fit to be referred to a Committee, and the Merits of the Election to be Heard at the same Time.

AS to the Sheriff's proceeding in this Matter, it was with the greatest Faireness; for the Return of the Sitting-Members, was brought to him about Seven or Eight in the Evening, of the Day of the Election, and he did not forward it for London till the next Day.

SINCE the Printing what is above, we have certain Information, That the Precept was not produced to the Sheriff, with the Return of the Petitioners; neither was there ever any Precept Return'd, with any of the Indentures, for former Elections in Minehead; or any Precept Return'd, with any of the Indentures, for any Election for this Parliament, in any Borough of the County of Somerset, of which Minehead is one.
Using Prime Recognition
Completely Open Source (and not yet done)
denture; but it is not necessary the Precept--thould be annex'd to
the Indenture, or delivered to the Sheriff with it, and the Practice is
generally otherwise; for in this present Parliament, there are near
Three Hundred Members who have no Precepts annexed to their
Returns. An Indenture between the Sheriff and the Returning
Officer, mentioning the Election to have been made by Virtue of a
Precept to him directed, is certainly good, which shews the Pre-
cept need not to be annexed to the Indenture.

If it be Objec-ted, That tho' the Precepts are not always returned by
the Sheriffs to the Clerk of the Crown, yet they must be delivered to the
Sheriff by the Returning-Officers; it may be; Answered, That it being
not necessary for the Sheriff to return the Precept with the Indenture to
the Clerk of the Crown; neither can it be necessairy to return'd to the
Sheriffs by the Parties with their Indenture; for this being a Matter
which concerns the Sheriffs personal Satisfaction only, it remains abso-
lutely in his Breast, whether he will call for it or not; and it can be no
Error if he accepts a Return without it; and in common Cases of Precepts,
the Officer that hath the Sheriffs Warrant doth not after Execution of
it, deliver it back to the Sheriff.

WE apprehend, that the Precept being by this Petition admitted
to be directed to the Burgess and Electors only, and the Return which
was tendered by the Petitioners, being also thereby admitted to be a
Return of the Conservables and Burgess; this Return was not made by the
Persons to whom the Precept was directed; and therefore was not pro-
per to be received by the Sheriff, nor such as the House can now accept
of the Precept ought to be returned by the same Persons to whom it is
directed. ITr may be Insisted, that there are Points in Law proper to be
argued
by Council; and therefore fit to be referred to a Coramagin, and the Mer-
ритор of the Election to be Heard at the Amine Time.
A S to the Sheriffs proceeding in this Matter, it was with the grea-
est Fairness, for the Return of the Sitting-Members, was brought to
him about Seven or Eight in the Evening, of the Day of the El Sion,
and he did not forward it for London till the next Day.

SINCE the Printing What is above, we have certain Information,
Not yet implemented:

1. All the dictionaries and n-gram work performed by SEASR at the University of Illinois have not yet been implemented due to problems on our end;

2. Printer’s Database: specific font training;

3. Image Detection and Optimization;

4. Optimizing the OCR engine itself.