

L^AT_EX class and style files for papers published in the journal HSSA

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1 Documentation for authors using L^AT_EX

If you are writing with L^AT_EX please observe the following guidelines:

- Use Unicode encoding for your files (i.e., for XeL^AT_EX or LuaT_EX)
- Use the standard features of L^AT_EX as documented in the standard manual, *L^AT_EX: A Document Preparation System* by Leslie Lamport, or in *The Very Short Guide to Typesetting with L^AT_EX* by Peter Flynn and Silmaril Consultants (part of the T_EXlive distribution and at [CTAN](http://www.ctan.org)).
- Use logical markup, not presentational markup. That means you mark things as `\chapter{xxx}`, `\footnote{xxx}`, `\sanskrit{xxx}`, `\title{xxx}`, etc., rather than `\textbf{xxx}`, `\vspace{5ex}`, or `\emph{xxx}`.
- Do not use `\newcommand` or `\def` to make private commands. If this appears to be unavoidable, please contact the journal editor before proceeding.
- Provide your bibliography entries in BibT_EX format. The journal uses BibL^AT_EX, which is flexible. So please do not use any special formatting commands or non-standard bst files. Just use `\cite{xxx}` etc. in the simplest manner.
- If you have tables, keep them simple and don't spend time putting in many horizontal and vertical lines. They will be reformatted for the journal, in any case.

The above advice is also given on the HSSA website,
<https://journals.library.ualberta.ca/hssa/index.php/hssa/latex-users>.

2 Documentation for L^AT_EX hackers converting incoming files to HSSA

2.1 Prelims

Start off each HSSA article L^AT_EX file with the following macros:

```
\RequirePackage{snapshot}  
\documentclass{hssa}  
\usepackage{hssa,  
hssa-biblatex}  
\addbibresource{\jobname.bib}
```

Note that the article's bibliography should have the same name as the article, with the extension `.bib`.

Next, use the following commands to capture the data for this article:

```
\HSSAissuenum{999}  
\HSSAissuedate{2999}  
\HSSAarticletitle{A Title}  
\HSSAauthorname{A. N. Author}  
\HSSAauthoraddress{University of University}  
\HSSAfirstpage{000}  
\HSSAlastpage{999}  
\DOI{1.2/3.4.5}
```

2.2 User macros

Here follow various commands for use in HSSA articles that aren't part of standard L^AT_EX.

2.2.1 AD, BC, etc.

`\CE` There are shortcuts for expressing the eras CE and BCE. These macros
`\BCE` also get the fonts right. There are synonyms: use any of the following and the output will look right:

```
\bce  
\BC  
\BCE  
%  
\ce  
\CE  
\AD
```

Don't forget to handle the space after these macros appropriately.

`\q` Use this to make a loud, obnoxious marginal note in bright yellow box.

2.2.2 Environments for ślokas and mini-editions

`miniedition` An environment for making apparatus notes to a single śloka or two.
`sloka` An environment for typesetting Sanskrit verses; pretty much the same as `verse`.

2.2.3 Citing manuscripts

`\MScite` Cite your manuscripts using the pattern “City, Library, accession number.” The `\MScite` macro will print the right thing in your text, while also writing an entry to an alphabetical index of manuscripts that appears at the end of your article. Saying `\MScite{London, Wellcome, α999}` will print “MS London, Wellcome α 999 in your text. `\MS` is a synonym for `\MSnocite`.
`\MSnocite` `\MScite` If you want to put an entry in your index of manuscripts, but you don’t want the entry printed in the main text where you’re writing, use `\MSnocite`.
`\MSsilent` `\MSnocite`. A synonym for `\MSnocite`.

2.2.4 Making a lexical index

`\saneng` If you say `\saneng{pūpa}{cake}` then you’ll get “cake (*pūpa*)” printed in your main text. Also, an entry will be written to a lexical page index, both Sanskrit-English and English-Sanskrit.
`\ssaneng` `\saneng` is a silent version of the same macro that writes the index entries but puts nothing in the main text.

2.2.5 Language-switching

`\textgreek` These macros switch to the respective languages and scripts (Devanagari for `\textsanskrit{}`).
`\textenglish`
`\textsanskrit` An abbreviation for `\textsanskrit`
`\dev` This is just a switch, so say `{\cjk X}` where X is a Chinese character.
`\cjk`

2.2.6 Citation commands

HSSA uses the Bib_{La}T_EX macros, and the Oxref style for formatting according to the Oxford Hart’s Rules guidelines. The NatBib conventions are also loaded, so you can use `\cite`, `\citep` `\citet` in the standard ways, as well as Bib_{La}T_EX’s `\footcite`, `\cites`, `\parencites`, etc.

2.2.7 Bibliography and index outputs

Say `\printbibliography` at the end of the document.

Here are examples from the end of Speziale’s 2019 paper that do more elaborate things.

```
\setlength{\shorthandwidth}{.25\textwidth}

\indexprologue{\centering\emph{References are to page numbers in this
article.}}

\printindex[manuscripts] % ditto for lexical

\printshorthands % uses features of biblatex-manuscripts-philology
[title=Primary Sources in Manuscripts,
type=manuscript,
% env=details,
% sorting=special,
]

\printshorthands %
[title=Primary Sources in Printed Editions,
keyword=edition, % flagged as such in the bib file
%prenote=blurb01,
% sorting=special,
]

\printbibliography
[title=Secondary Sources and Translations,
sorting=nyt,
%keyword=secondary,
notkeyword=edition,
nottype=manuscript,
] % keep the editions in the Text Editions section only
```

2.2.8 Miscellaneous

`\diatop` Puts more than one accent over a letter. This isn’t available in standard L^AT_EX, but we philologists sometimes need it. Say, for example, `\diatop[\'|{\o}]` to get \acute{o} .

`\PreliminaryNote` For that zeroth footnote at the beginning of an article that gives acknowledgments or abbreviations. I prefer to put this material at the end of an article, in a section called “Acknowledgements.”

`rotating` That’s pretty much it.

You might want to add `\usepackage[figuresright]{rotating}` if you have some tables to go sideways.

2.3 What you get for nothing

In addition to setting up the above commands, the class and style files below will handle the

- colour and layout of the front and back matter,
- the title and section headings,
- the running headers and footers,
- the two-column footnotes
- the use of T_EX Gyre Pagella or other Unicode font in T_EX math mode.

3 Macros in the class file for the HSSA journal: hssa.cls

This is `hssa.cls` by Dominik Wujastyk, a class file for the HSSA journal.

This documentation is created by running `hssa-documentation.dtx`, which calls `hssa.cls` and `hssa.sty`.

See <http://tug.org/pracjourn/2005-3/asknelly/> for a nice statement of the difference between `.cls` and `.sty` files. Here in `hssa.cls`, I'm keeping the code that is part of the core of HSSA's design. I would not expect to change things here much after 2019.

```
\NeedsTeXFormat{LaTeX2e}
1 \NeedsTeXFormat{LaTeX2e}

\LoadClass{article}
2 \LoadClass[11pt]{article}

\RequirePackage{graphicx,
3 \RequirePackage{ %
4   amsmath,
5   amsfonts,
6   amssymb,
7   textcomp, % arcane LaTeX/NFSS system for subsetting encodings. Needed for Sigma.
8   wasysym,
9   polyglossia,
10  hyperref,
11  geometry,
12  array,
13  longtable,
14  polyglossia, % polyglossia calls fontspec
15  multicol,
16  booktabs, %professional tables \toprule etc.
17  textcase, % to get \MakeTextLowercase for tweaking the running footer
18  fancyhdr,
19 }
20 }

\hypersetup{colorlinks=true,
21   bookmarksopen=false,
22   pdfpagescrop={39 62 554 759}}
23
```



```

\color Settings for the xcolor package
24 \RequirePackage[xetex,
25     dvipdfmx,
26     hyperref,
27     svgnames]
28     {xcolor}

enumitem
29 \usepackage{enumitem} % supersedes mdwlist: does it globally
30 \setlist{noitemsep,
31     %labelindent=\parindent,
32     %leftmargin=*,
33 }

\q issue notes to the author in page proofs. Define \q to be \empty for the
final run. Put a \newpage \listoftodos just before \end{document} to
help the author.
34 \setlength{\marginparwidth}{2cm} %todonotes manual, section 1.6.5
35 \usepackage[colorinlistoftodos,
36 %     disable,
37 textsize=tiny,
38 shadow,
39 backgroundcolor=yellow]{todonotes}
40 %
41 \def\q#1{{}\todo{#1}}

\PreliminaryNote Preliminary numberless "footnote" for abbreviations, grant references, and
other general initial statements. But commonly, put this in a little "Ac-
knowledgements" section at the end of the paper. DW
42 \newcommand{\PreliminaryNote}[1]{%
43     {\def\thefootnote{\relax }%
44         \footnotetext{\hspace*{-2.3em} %only if not using \hangfootnotes
45             #1}}}
46
47 %DW ?
48 \skip\footins=24pt
49 %DW ?

\HSSAfooter
50 \def\HSSAfooter#1 %*%
51     {\gdef\@HSSAfooter{#1}}

\@HSSAtitle
52 \newcommand{\@HSSAtitle}{History of Science in South Asia}

```

3.1 Set the geometry for the pages

geometry Set the geometry for the pages DW

```
53 \geometry{twoside,
54   paperwidth=210mm,
55   paperheight=297mm,
56   textheight=562pt,
57   textwidth=384pt,
58   centering,
59   headheight=30pt,
60   headsep=18pt,
61   footskip= 42pt, %24pt,
62   footnotesep=24pt plus 2pt minus 12pt,
63 }
```

3.2 Front matter

```
\title I thought about doing something like this:
\author \newenvironment{frontmatter}{}{\maketitle}
\date but then gave that up.

\title
64 \title{\LARGE \@HSSAarticletitle }

\author Put the author's address in a parbox because it may have hard linebreaks
(\) that can cause trouble. This happened in Speciale 2019. I still don't
know why the linebreak is allowed after the authorname but not in the
address.
65 \author{\@HSSAauthorname\ [1ex]
66   \parbox{\textwidth}{\small\centering\emph{\@HSSAauthoraddress}}
67 }

\date No date.
68 \date{\relax }
```

3.3 Running headers and footers

```
\HSSAverso Variable that collect the page header of the verso pages.
69 \def\HSSAverso#1{\gdef\@HSSAverso{#1}}

\HSSArecto Ditto for the recto, and initialize them both to nothing.
70 \def\HSSArecto#1{\gdef\@HSSArecto{#1}}
71 \let\@HSSAverso\@empty
72 \let\@HSSArecto\@empty
```

Now the HSSA journal running headers, footers and cover citation. Set the shorttitle to be the same as \HSSAverso unless the author redefines it in the document preamble.

```
73 \HSSAverso{\@HSSAarticletitle }
74 \let\HSSAshorttitle\HSSAverso
75 \HSSArecto{\@HSSAauthorname }
```

\@HSSAheaderfooterfont Set up the font that will be used for running headers and footers. Small caps, and a bit of extra space, 7 of the font's point size, between each letter (LetterSpace is from fontspec).

```
76 \def\@HSSAheaderfooterfont{\scshape\addfontfeature{LetterSpace=7}}
```

\HSSAfooter Use the \MakeTextLowercase macro from the textcase package and construct the running footer for each page.

```
77 \HSSAfooter{\MakeTextLowercase{\@HSSAtitle}\ \@HSSAissuenum\
78 (\@HSSAissuedate) \thefirstpage--\thelastpage}
```

Now the fancy header setup, which should be done after the geometry setup.

```
79 %\usepackage{fancyhdr} % after the geometry setup
80 \pagestyle{fancy}
81 \fancyhead{}
82 \fancyhead[CO]{\textenglish{\@HSSAheaderfooterfont\MakeTextLowercase{\@HSSArecto}}}
83 \fancyhead[CE]{\textenglish{\@HSSAheaderfooterfont\MakeTextLowercase{\@HSSAverso}}}
84 \fancyhead[RO]{\textenglish{\@HSSAheaderfooterfont\thepage}}
85 \fancyhead[LE]{\textenglish{\@HSSAheaderfooterfont\thepage}}
86 \fancyfoot[L]{}
87 \fancyfoot[C]{\textenglish{\@HSSAheaderfooterfont\HSSAfooter}}
88 \fancyfoot[R]{}
89 \renewcommand{\headrulewidth}{0pt}
90 \renewcommand{\footrulewidth}{0pt}
```

3.4 Fancy-plus-DOI style

\fancypage Make a style for the first page that has the DOI in the bottom right

```
91 \fancypagestyle{fancy-plus-DOI}{%
92 \fancyhead{}
93 \fancyhead[R]{}
94 %\fancyhead[CO]{\@HSSAheaderfooterfont\@HSSArecto}
95 %\fancyhead[CE]{\@HSSAheaderfooterfont\@HSSAverso}
96 %\fancyhead[RO]{\thepage}
97 %\fancyhead[LE]{\thepage}
98 \fancyfoot[L]{\copy\cclogobox\tiny\textenglish{\@HSSAheaderfooterfont
```

```

99 \href{http://doi.org/\@DOI}
100 {doi: \@DOI}}
101 \fancyfoot[C]{\textenglish{\@HSSAheaderfooterfont\@HSSAfooter}}
102 \fancyfoot[R]{}
103 %\renewcommand{\headrulewidth}{0pt}
104 %\renewcommand{\footrulewidth}{0pt}%
105 }

```

`\definecolor` This is the colour that will be used for the URL links; it's dark, so that it doesn't disturb the reading as much as the standard blue would do.

```

106 %DW
107 \usepackage{color}
108 \definecolor{darkbrown}{rgb}{0.4, 0.26, 0.13} % from http://latexcolor.com/

```

3.5 Output the preliminary matter

`\AtBeginDocument`

```

109 %DW
110 \AtBeginDocument{%
111     \coverpage
112     \copyrightspage
113     %
114     \setcounter{page}{0}
115     \maketitle
116     \thispagestyle{fancy-plus-DOI}
117     \setcounter{page}{\thefirstpage}
118 %
119 %\@ifpackageloaded{hyperref}
120     \def\@linkcolor{darkbrown}
121     \def\@anchorcolor{darkbrown}
122     \def\@citecolor{darkbrown}
123     \def\@filecolor{darkbrown}
124     \def\@urlcolor{darkbrown}
125     \def\@menucolor{darkbrown}
126     \def\@pagecolor{darkbrown}
127 %
128     \selectbackgroundlanguage{english}
129     \input{sanskrit-hyphenations} % for some reason this doesn't work
130 }

```

3.6 Output the pages that come after the article

`\AtEndDocument`

```

131 \AtEndDocument{%

```

```

132 \newpage
133 \coverlastpage }

```

3.7 Arrange the appendix

Appendix

```

134 % Consider using \RequirePackage[title]{appendix}
135 %
136 \def\appendixname{Appendix}
137 \renewcommand\appendix{\par
138 \setcounter{section}{0}%
139 \setcounter{subsection}{0}%
140 \setcounter{equation}{0}
141 \addtocontents{toc}{\string\let\string\numberline\string\temptocnumberline}{}}
142 }

```

Last page Define the last page number and set it to 100

```

143 \def\LastPage#1{\gdef\@LastPage{#1}}
144 \LastPage{100}

```

3.8 Set up the alignment and fonts of title and author names

\titlealign

```

145 \def\titlealign#1{\gdef\@titlealign{#1}}
146 \let\@titlealign\centering
147 \def\aualign#1{\gdef\@aualign{#1}}
148 \let\@aualign\centering
149 \def\titlefont#1{\gdef\@titlefont{#1}}
150 \def\aufont#1{\gdef\@aufont{#1}}
151 \def\@titlefont{\fontsize{20}{24}}
152 \def\@aufont{\fontsize{10}{12}}
153 %
154 % Footer font
155 %
156 \def\footerfont#1{\gdef\@footerfont{#1}}
157 \footerfont{\fontsize{7}{8}}
158 %
159 % Footer address
160 %
161 \def\footeraddress#1{\gdef\@footeraddress{#1}}
162 \let\@footeraddress\empty

```

3.9 The content of the cover page

\coverpage

```
163 \long\def\coverpage{%
164     \thispagestyle{empty}
165     \begin{group}
166     \parindent0pt
167     \pagecolor{pagecolor}
168     \color{Maroon!20}
169     \hspace*{-.05\linewidth}%
170     \begin{minipage}{1.1\linewidth}%
171         \vspace*{-18pt}%
172         \includegraphics[width=50mm]{logo.eps}\par
173         \vskip-12pt
174         \fontsize{30}{36}\selectfont
175         History of Science in South Asia\par\medskip
176         \footnotesize\itshape
177         A journal for the history of all forms of scientific thought and
178         action, ancient and modern, in all regions of South Asia\par
179     \end{minipage}
180     \par
181     \vfill
182     \begin{minipage}{\linewidth}
183         \raggedright
184         \LARGE
185         \@HSSASpecialissuedetails
186     \end{minipage}
187     \par
188     \vfill
189     \par
190     \begin{minipage}{\linewidth} % Here's the main title and author and affiliation
191         \raggedright
192         \LARGE
193         \@HSSAarticletitle
194         \par\vspace*{10mm}
195         \large
196         \@HSSAauthorname\par
197         \vspace{.8\baselineskip}
198         \normalsize
199         \emph{\@HSSAauthoraddress}
200         \par\vspace*{10mm}
201     \end{minipage}
202     \par
203     \vfill
204     \par
```

```

205 \hspace*{-.05\linewidth}%
206 \begin{minipage}{1.1\linewidth}
207 \rule{\linewidth}{.1pt}
208 \footnotesize
209 {\tiny MLA} style citation form: \thecovercitation \[3pt]
210 Online version available at: {\def\urlcolor{Maroon!20}%
211 \href{http://hssa-journal.org}{http://hssa-journal.org}}
212 \end{minipage}
213 \endgroup
214 \vspace{-10mm}
215 \newpage
216 } % end coverpage

```

3.10 The the content of the copyright page

\copyrightspage

```

217 \long\def\copyrightspage{%
218 \begin{group}
219 \pagecolor{white}
220 \normalcolor
221 \thispagestyle{empty}
222 \footnotesize
223 \begin{minipage}[t][.98\textheight][t]{\linewidth}
224 {\addfontfeature{LetterSpace=8}\bfseries
225 HISTORY OF SCIENCE IN SOUTH ASIA}\\
226 A journal for the history of all forms of scientific thought and action,
227 ancient and modern, in all regions of South Asia, published online
228 at \href{http://hssa-journal.org}{http://hssa-journal.org}
229
230 \vfill
231
232 ISSN 2369-775X
233
234 \vfill
235
236 \textit{Editorial Board:}\\
237 \begin{itemize}
238 \leftmargini=1em
239 \item Dominik Wujastyk, University of Alberta, Edmonton, Canada
240 \item Kim Plofker, Union College, Schenectady, United States
241 \item Dhruv Raina, Jawaharlal Nehru University, New Delhi, India
242 \item Clemency Montelle, University of Canterbury,
243 Christchurch, New Zealand
244 \item Fabrizio Speciale, School of Advanced Studies in the

```

245 Social Sciences (EHSS), Paris, France
 246 \item Michio Yano, Kyoto Sangyo University, Kyoto, Japan
 247 \item Gudrun Bühnemann, University of Wisconsin-Madison, USA
 248 \item Anuj Misra, University of Copenhagen, Denmark
 249 \item Aditya Kolachana, Indian Institute of Technology, Madras, India
 250 \end{itemize}
 251
 252 \medskip
 253
 254 \textit{Publisher:}\[4pt]
 255 History of Science in South Asia
 256
 257 \medskip
 258
 259 \textit{Principal Contact:}\[4pt]
 260 Dominik Wujastyk, Editor, University of Alberta\\
 261 Email: \$\langle\$wujastyk@ualberta.ca\$\rangle\$
 262
 263 \medskip
 264
 265 \textit{Mailing Address:}\[4pt]
 266 History of Science in South Asia,\\
 267 Department of History and Classics,\\
 268 2--81 HM Tory Building,\\
 269 University of Alberta,\\
 270 Edmonton, AB, T6G 2H4\\
 271 Canada
 272
 273 \medskip
 274
 275 This journal provides immediate open access to its content on the
 276 principle that making research freely available to the public supports
 277 a greater global exchange of knowledge.
 278
 279 \medskip
 280
 281 Copyrights of all the articles rest with the respective authors and
 282 published under the provisions of
 283 \href{http://www.creativecommons.org/licenses/by-sa/4.0/}{Creative Commons
 284 Attribution-ShareAlike 4.0} License.
 285
 286 \medskip
 287
 288 The electronic versions were generated from sources marked up in
 289 \href{http://www.latex-project.org/}{\LaTeX} in a computer running


```

290     \textsc{gnu/linux} operating system. \textsc{pdf} was typeset
291     using \href{http://tug.org/xetex/}{\XeTeX{}} from
292     \href{http://tug.org/texlive/}{\TeX Live}.
293     The base font used for Latin script and oldstyle numerals was
294     \href{http://www.gust.org.pl/projects/e-foundry/tex-gyre/pagella}{\TeX{}}
295     Gyre Pagella} developed by
296     \href{http://www.gust.org.pl}{\textsc{gust}}, the Polish
297     \TeX{} Users Group.
298 \end{minipage}
299 \endgroup
300
301 \pagecolor{white}
302 \normalcolor
303 } % end \copyrightpage

```

3.11 The content of the back cover page

\coverlastpage

```

304 \long\def\coverlastpage{\newpage\parindent=0pt
305   \thispagestyle{empty}
306   \pagecolor{pagecolor}
307   \parskip=0pt
308   \mbox{}
309   \vfill
310   \par
311   \color{endscriptcolor}
312   \colorlet{urlcolor}{endurlcolor}
313   \rule[3pt]{\textwidth}{.2pt}
314   {\normalfont\scriptsize\raggedright Please write to
315     \href{mailto:wujastyk@ualberta.ca}
316     {\color{white}$\langle$wujastyk@ualberta.ca$\rangle$}
317     to file bugs/problem reports, feature requests and to get involved. \\
318     % \addfontfeature{LetterSpace=6}%
319     \href{http://hssa-journal.org}
320     {\color{white}The History of Science in South Asia}
321     \textbullet\
322     Department of History and Classics,
323     2--81 HM Tory Building, University of Alberta,
324     Edmonton, AB, T6G 2H4,
325     Canada.}%
326   \vspace*{-20pt}
327 }

```

3.12 Tweak captions → footnotesize

```
\@makecaption
328 % originally for Speciale
329 \long\def\@makecaption#1#2{%
330     \vskip\abovecaptionskip
331     \footnotesize % added footnotesize
332     \sbox\@tempboxa{#1: #2}%
333     \ifdim \wd\@tempboxa >\hsize
334         #1: #2\par
335     \else
336         \global \@minipagefalse
337         \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
338     \fi
339     \vskip\belowcaptionskip}
```

3.13 Page layout dimensions

DW can this be superseded by the geometry package?

pagelayout

```
340 \renewcommand\topfraction{1}
341 \renewcommand\bottomfraction{.8}
342 \renewcommand\textfraction{0}
343 \renewcommand\floatpagefraction{.8} % 0.95 better ???
344 \renewcommand\dbltopfraction{1}
345 \renewcommand\dblfloatpagefraction{.8}
346 \renewcommand\topfraction{1}
347 \renewcommand\bottomfraction{.8}
348 \renewcommand\textfraction{0.1}
349 \renewcommand\floatpagefraction{0.95} % was 0.8 changed 1
```

3.14 Misc layout settings

```
350 \lefthyphenmin=3
351 \righthyphenmin=3
352 %\RequirePackage[hang]{footmisc}
353 %\setlength\footnotemargin{.8em}
354
355 %\geometry{footskip=42pt}
356
357 \RequirePackage{lettrine}
358 \RequirePackage[normalem]{ulem}
```

3.15 Journal-specific user-facing macros

```

359 %DW
360 \def\HSSAspecialissuedetails#1{\gdef\@HSSAspecialissuedetails{#1}}
361 \HSSAspecialissuedetails{\empty }
362 %
363 % Provide user command \HSSAissuenum
364 \def\HSSAissuenum#1{\gdef\@HSSAissuenum{#1}}
365 \HSSAissuenum{999}
366 %
367 % Provide user command \HSSAarticletitle
368 \def\HSSAarticletitle#1{\gdef\@HSSAarticletitle{#1}}
369 \HSSAarticletitle{My Life}
370 %
371 % Provide user command \HSSAauthorname
372 \def\HSSAauthorname#1{\gdef\@HSSAauthorname{#1}}
373 \HSSAauthorname{Joe Bloggs}
374 %
375 % Provide user command \HSSAissuedate
376 \def\HSSAissuedate#1{\gdef\@HSSAissuedate{#1}}
377 \HSSAissuedate{1900}
378 %
379 % Provide user command \HSSAauthoraddress
380 \def\HSSAauthoraddress#1{\gdef\@HSSAauthoraddress{#1}}
381 \HSSAauthoraddress{Timbuktu}
382
383 % Collect DOI info when ready and print it in covercitation
384 % Provide DOI when we have it.
385 \def\DOI#1{\gdef\@DOI{#1}}
386 \gdef\@DOI{\empty}
387 %%\newtoks\DOI
388 \newcommand{\printDOI}{\ifx\@DOI\empty\relax
389     \else
390     {\def\@urlcolor{Maroon!20}
391         \textsc{doi:} \href{https://doi.org/\@DOI}{\@DOI}.\fi }
392 }
393 % Say \DOI{xxx}, and then later \printDOI where you want it printed.
394 %

```

\covercitation Gather the required information for the MLA cover citation and format it for output

```

395 \def\covercitation#1{\gdef\thecovercitation{#1}}
396 %
397 \covercitation{\@HSSAauthorname. "\@HSSAarticletitle."
398     \emph{\@HSSAtitle}, \@HSSAissuenum\ (\@HSSAissuedate):
399     \thefirstpage--\thelastpage. \printDOI }
400 %/DW

```

```

401 \def\fspace#1{\addfontfeature{LetterSpace=#1}}

\section
402 \setcounter{secnumdepth}{1}
403 \renewcommand\section{\@startsection {section}{1}{\z@}%
404     {-18\p@ \@plus 6\p@ \@minus 3\p@}%
405     {9\p@ \@plus 6\p@ \@minus 3\p@}%
406     {\normalsize\centering\fspace{10}\MakeUppercase}}
407 \renewcommand\subsection{\@startsection{subsection}{2}{\z@}%
408     {-15\p@ \@plus 6\p@ \@minus 3\p@}%
409     {6\p@ \@plus 6\p@ \@minus 3\p@}%
410     %           {\normalfont\footnotesize\fspace{10}\centering\MakeUppercase}}
411     {\normalfont\large\scshape\fspace{8}\centering\MakeLowercase}}
412 \renewcommand\subsubsection{\@startsection{subsubsection}{3}{\z@}%
413     {-15\p@ \@plus 6\p@ \@minus 3\p@}%
414     {\p@}%
415     {\normalfont\normalsize\itshape\centering}}

416 \def\HSSAfirstpage#1{\gdef\thefirstpage{#1}}
417 \def\HSSAlastpage#1{\gdef\thelastpage{#1}}
418 % Initialize the values:
419 \HSSAfirstpage{000}
420 \HSSAlastpage{999}

```

3.16 Creative Commons logo

```

421 \newbox\cclogobox
422 \global\setbox\cclogobox=\hbox{%
423     \includegraphics[width=10mm]{/home/dom/Dropbox/localtexmf/tex/HSSA/cc-by-sa.eps}}

```

3.17 Tweak tabular layout

```

424 \newcommand\arraybslash{\let\\\@arraycr}
425 \setlength\tabcolsep{1mm}
426 \renewcommand\arraystretch{1.3}

427 \RequirePackage{xltextra}
428 \emergencystretch=.1\columnwidth

```

3.18 Not used?

```

429 %\HSSAJournalAbbrev{Hist.~Sci.~South Asia}
430 \definecolor{bg}{HTML}{600000}
431 \colorlet{pagecolor}{bg}
432 \colorlet{urlcolor}{black!50}
433 \colorlet{endurlcolor}{pagecolor!30}
434 \colorlet{linkcolor}{black!50}

```

435 \colorlet{endscriptcolor}{pagecolor!20}

3.19 PDF metadata

Commented out because it interferes with other stuff.

```
436 % \pdfstringdef{\@temppdftitle}{\@HSSAarticletitle}
437 % \pdfstringdef{\@temppdfauthor}{\@HSSAauthorname}
438 % \pdfinfo{
439 %     % copying out title because of macro expansion problems
440 %         /Title (\@temppdftitle)
441 %         /Author (\@temppdfauthor)
442 %         /Keywords (DOI: https://doi.org/\@DOI)
443 %     }
444 %}
```

pdfx clashes with using \hypersetup to embed XMP data. Commented out.

```
445 %\usepackage[a-1b]{pdfx} % get an archival PDF
446 % optionally, create a file \jobname.xmpdata with \Author{} \Title{} \Copyright{}
447 %\CopyrightURL{} \Keywords{}
```

No idea what this was about:

```
448 %\spaceskip.1em plus .1em minus .1em
```

3.20 Simple indented, environment for Sanskrit verses

\beginsloka

```
449 %\newenvironment{sloka}
450 % {\list{}{\rightmargin\leftmargin}%
451 %     \item\relax}
452 %{\endlist}
453 \newenvironment{sloka} % tweaked from verse
454 {\let\\\@centercr
455     \parindent 1em
456     \leavevmode \hskip-.03em
457     % \rightmargin \leftmargin
458     % \advance \leftmargin 10em
459     % \advance\leftskip 2em
460     % \advance\rightskip 2em
461     %\narrower
462 }
463 {\relax }
```

3.21 Diatop

`\diatop` `\diatop`, used for r underdot overbar (\bar{r} , F6, 246) See Conference Proceedings, *TeXniques* no. 5, p. 11.

```
464 \def\diatop[#1|#2]{\leavevmode{\setbox1=\hbox{{#1{}}}\setbox2=\hbox{{#2{}}}%
465 \dimen0=\ifdim\wd1>\wd2\wd1\else\wd2\fi%
466 \dimen1=\ht2\advance\dimen1by-1ex%
467 \setbox1=\hbox to1\dimen0{\hss#1\hss}%
468 \rlap{\raise1\dimen1\box1}%
469 \hbox to1\dimen0{\hss#2\hss}}}%
```

E.g. of use: `\diatop[\text{'}\text{=o}]` gives u macron acute.

Again, what's this? "get rid of the alphabetic headers"?

```
470 \newcommand{\lettergroup}[1]{\smallskip }
```

3.22 Mini edition environment

`miniedition` Documented at

<https://cikitsa.blogspot.com/2017/08/mini-edition-environment-for-latex.html>

```
471 \newenvironment{miniedition}
472 {\addtolength{\textwidth}{-\rightmargin} % width of the quote environment
473 \begin{quote}
474 \begin{minipage}{\textwidth}
475 \let\footnoterule\relax
476 \let\footnote\originalfootnote % see hssa-reledmac.sty for this
477 }
478 {\end{minipage}
479 \end{quote}
480 }
```

3.23 Index of Manuscripts

`\MScite` The command `\MScite` is defined in `hssa-indexing.sty`

```
481 \usepackage{hssa-indexing}
```

Usage:

```
\MScite{London Wellcome Indic alpha 23}
\printindex[manuscripts]
```

4 Style file for HSSA journal: hssa.sty

Style file for the HSSA journal See <http://tug.org/pracjourn/2005-3/asknelly/> for a nice statement of the difference between .cls and .sty files. Here in hssa.sty, I'm keeping the code that is not part of the core of HSSA's design, including calls to other style files that might or might not be included for different articles.

4.1 Load basic macros for biblatex and reledmac (footnote cols)

```
482 \usepackage{hssa-reledmac, % journal home style, two-col footnotes
483 % hssa-biblatex is already loaded in hssa.cls; can't imagine not needing it.
484 }
```

4.2 Set up the languages and fonts, Polyglossia-style

```
485 \setdefaultlanguage[variant=british]{english}
486 %\setotherlanguage{japanese} % not supported in polyglossia yet
487 \setotherlanguage{greek}
488 \setotherlanguage{sanskrit}
489
490
491 \setmainfont[Ligatures=TeX,
492   Mapping=tex-text,
493   Numbers=OldStyle]{TeX Gyre Pagella}
494 %\setmainfont[Scale=1.05]{Alegreya} % quite nice; superscripts not smaller
495
496 % Sanskrit in Devanagari script:
497 \newfontfamily\sanskritfont[Script=Devanagari,
498   %Mapping=RomDev,
499   FakeStretch=1.08, % improves Sanskrit 2003
500 ]
501 % {Murty Sanskrit}
502 {Sanskrit 2003}
503 \let\dn\sanskritfont %for legacy Velthuis-encoded documents
504
505 % Sanskrit input in IAST
506 \newfontfamily\devanagarifont[Script=Devanagari,
507 Mapping=RomDev,
508 FakeStretch=1.08, % improves Sanskrit 2003
509 ]
510 % {Murty Sanskrit}
511 {Sanskrit 2003}
512 \newcommand{\dev}[1]{\{\devanagarifont#1\}}
```

```

513 %\newcommand{\dev}[1]{\textdevanagari{#1}}
514 \newcommand{\largesloka}[1]{\{\raggedright \devanagarifont\large #1\par}}
515
516 %
517 % Chinese:
518 \newfontfamily\cjk[Script=CJK,Mapping=tex-text,Scale=MatchLowercase]
519 %\IPAexMincho % missing
520 %\TakaoPGothic
521 {Yu Mincho}
522 %
523 % Greek
524 \newfontfamily\greekfont[Script=Greek,
525     Mapping=tex-text,
526     Scale=MatchUppercase]
527 %\Old Standard}
528 %\GFS Porson}
529 %\GFS Didot}
530 %\Galatia SIL}
531 {Gentium Plus}
532 %\Linux Libertine 0}

```

see <https://tex.stackexchange.com/questions/127222/fonts-for-polytonic-greek>

4.3 Local generic author-facing macros

```

533 \def\bce{\textsc{bce}} % I took out the final \xspace
534 % because it's behaviour is hard to predict - DW
535 \def\ce{\textsc{ce}} % ditto.
536 \let\BC\bce \let\BCE\bce \let\AD\ce \let\CE\ce

```

4.4 Math mode with Unicode fonts

```

537 \usepackage{unicode-math} % must load after amsmath; see manual ch. 3
538 %\setmathfont{texgyrepagella-math.otf} % doesn't have old style numerals.
539 \setmathfont{Asana Math}[Numbers=OldStyle]

```


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