



# Processing Dante's *Commedia*: From Sanguineti's Edition to Digital Tools

Dante Alighieri *Commedia A Digital Edition*, Prue Shaw (ed.), 2010. <http://sd-editions.com/AnaAdditional/commediaonline/home.html> (Last Accessed: 15.10.2015). Reviewed by Elena Spadini (Huygens ING - DiXiT), elena.spadini (at) huygens.knaw.nl.



## Abstract

The *Commedia* project aims to investigate the manuscript transmission of the poem, using Sanguineti's previous edition and checking the validity of his stemma with computer methods. Full transcriptions of the seven selected witnesses are provided alongside the corresponding facsimiles. The end results of the collation and phylogenetic analysis differ from Sanguineti's edition and reshape the stemma. No new critical text is provided. The edition is easy to navigate and high quality editorial materials are available. A metrical markup enriches the text and the integrated VBase tool allows the user to retrieve variants in different witnesses and parts of the poem.

... the triplet genetic code. It would surely have delighted Dante, had he known it, that life itself is informed by a pattern of three-in-oneness, just as the poem he wrote and the metrical scheme he devised.

(Shaw, *Commedia*, Introduction)

## Editing the *Commedia*: a short history

1 2010 saw the publication of a digital edition of the *Commedia* overseen by Prue Shaw. Written in the first quarter of the 14th century, Dante's masterpiece traces the poet's journey through the topographies of the afterlife. The poem is divided into three *cantiche* (*Inferno*, *Purgatorio*, *Paradiso*), each composed of 33 cantos, themselves written in hendecasyllabic tercets.

2 The *Commedia* has a long and controversial editorial history. This is hardly surprising given the work's resonance throughout centuries and thus the number of witnesses of the poem, over 600 including complete manuscripts and early printed editions. Scholars have deployed a range of editorial strategies in an attempt to settle on a critical text of the *Commedia*. In this section, I will summarise these strategies in brief, focusing on those elements of each that remain relevant to the edition under review.

3 The length of the text and the number of witnesses has made it difficult to compare versions of the text in their entirety. At the end of the 19th century, Michele Barbi sought something of a compromise: he selected a series of lines – the so-called *400 loci* (Bartoli, D'Ancona, and Del Lungo 1891; Barbi 1891) – drawn from various points in the *Commedia*. Scholars were invited to check these lines in those manuscripts of the poem to which they each had access and to send a record of them to the Società Dantesca Italiana. Unfortunately, only a handful of these scholars replied and Barbi's initiative turned over very little material.

4 Following the Vandelli (Vandelli 1921) and Casella (Casella 1923) editions, Giuseppe Petrocchi drafted a new *Edizione Nazionale* in 1965 on the occasion of the seventh centenary of Dante's birth (Petrocchi 1965). Petrocchi chose to limit his project to manuscripts that dated before 1355; the project's theoretical underpinning was that witnesses drafted after that date were likely contaminated, largely because of the scribal and editorial endeavours of Giovanni Boccaccio, who copied out the entire *Commedia* at least three times, introducing variants from other copies. Petrocchi's critical text is an attempt to reconstruct the so-called *antica vulgata* in use during the three decades following Dante's death rather than an archetype; this last concept is hardly applicable to a text which was almost certainly released in sections.

5 Antonio Lanza's 1995 edition had a different aim: following Bedier's prescripts, the editor reproduced a *bon manuscrit* – copied in Florence in 1337 –, referring to early

Florentine manuscripts in order to make amendments only where strictly necessary (Lanza 1995).

6 In 2001, Federico Sanguineti published a new edition using a small pool of witnesses: seven manuscripts known as ‘the Sanguineti seven’. His stemma consists of two branches:  $\alpha$  and  $\beta$ ; to simplify, manuscripts from Tuscany form the  $\alpha$  branch, while those from Northern Italy form the  $\beta$  branch. As a general rule in textual and linguistic transmission, the peripheral geographical areas tend to be more conservative than the centre; Florence had early on become an active centre for reproductions of the *Commedia*, while northern manuscripts tended to be less innovative. Sanguineti decided to use the only second branch witness – ms. Urbinate Latino 366 of the Vatican Library (Urb), written in Emilia Romagna – as the base-text for his critical edition. It is worth clarifying that ms. Urbinate’s solitary position in the  $\beta$  branch is due to the limited overall number of witnesses Sanguineti chose to mobilise and to his choice to move ms. Rb (now disjointed in two volumes: *Inferno*, *Purgatorio* at the Biblioteca Riccardiana, while *Paradiso* at Biblioteca Nazionale Braidense) from the  $\beta$  to the  $\alpha$  branch. Critics drawn to Sanguineti’s edition have repeatedly expressed their concern regarding the scarcity of readings offered as a proof of validity of his stemmatic hypothesis and their distribution along small sections of the poem (e.g., Segre 2002).

7 This last step in the editorial history of the *Commedia* is particularly relevant to the edition under review. Sanguineti was originally part of the *Commedia project*, whose goal was, in part, to test the validity of his stemma. At the time of the project’s inception, the scholars involved anticipated a positive result for Sanguineti. In Shaw’s words, ‘it seems important to emphasize that the conclusions we reached are not those we expected to reach when we started out on the digital *Commedia project* [...]. The result turned out to be more interesting and complex’.

## Introduction: Shaw’s edition

8 The *Commedia Project* officially ran from 1998 to 2010, with funding from The British Academy, The Arts and Humanities Research Council, The Modern Humanities Research Association and the Rockefeller Foundation. The venture’s main actors were Prue Shaw (editor), Jennifer Marshall (research assistant) and Peter Robinson (responsible for the information technology side of the project). As mentioned in the foreword to the edition, the genesis of the project dates back to the early 1990s; the original idea spread between Europe and Australia, and the project was finally structured

between 1998 and 2001, when Federico Sanguineti's edition appeared. In 2010, Shaw's Digital Edition was released online and on DVD. The present review deals only with the online edition – however, there is no difference in content between the two versions.

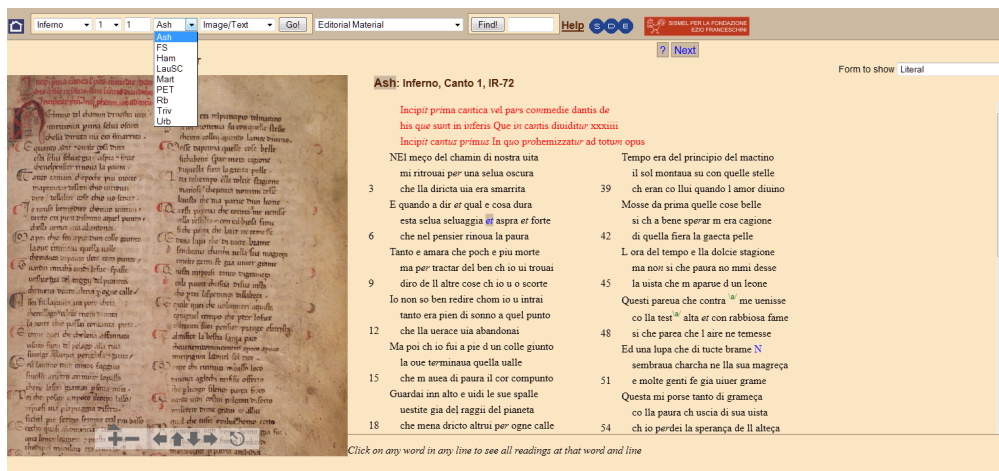
9 Shaw's digital edition has much to recommend it: it provides critics with access to seven of the most important witnesses of the poem in both extremely accurate transcription and high-definition images; it questions the soundness of Sanguineti's stemma by putting it to the test of phylogenetic analysis and de-stabilizes assumptions surrounding the validity of the position of ms. Rb – the basis of Sanguineti's critical text; it provides word collation and tools for investigating variants distribution across the witnesses. Finally, it presents high quality editorial materials on textual and technological aspects.

10 The decision to limit the scope of the project to the Sanguineti seven manuscripts alone has invited some criticism (Inglese 2012). However, the editors were interested in Sanguineti's hypothesis from the offset precisely because 'such a small number of manuscripts would make a computer project a feasible possibility' (see below). The selection reflects a paradox well known to textual scholars dealing with large manuscript transmission and with long texts: though computers do indeed allow human beings to process great quantities of data quickly, preparing materials to be computer-readable might be time consuming to the degree of nullifying the advantages gleaned from the former. Every project must of necessity reach a compromise with its ambition (for a different strategy in applying digital technologies to the edition of the *Commedia*, see Renello 2013).

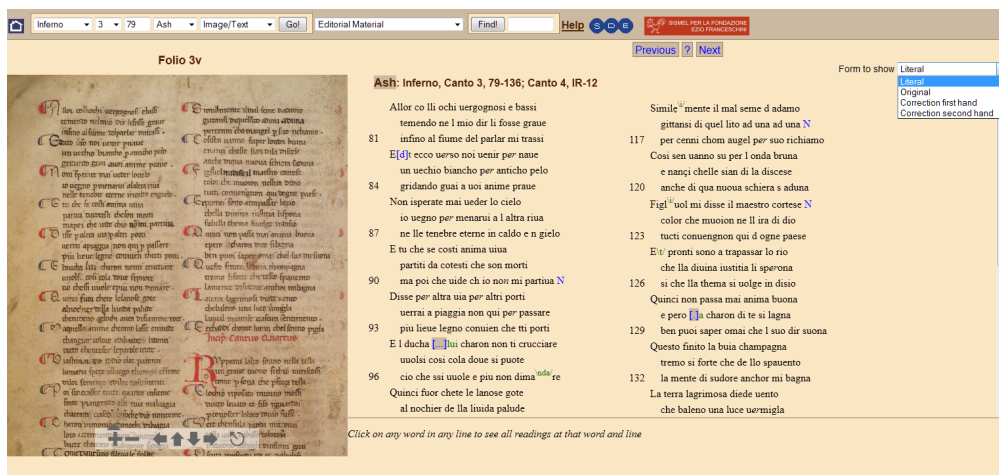
## Witnesses description, transcription and encoding

11 High quality images are available for all manuscript leaves, except for the ms. Urb, due to copyright restrictions.

12 The witnesses' description is very accurate, examining codicological, palaeographical and linguistic features, enriched by images illustrating the discussed phenomena. *Ms. Transcription notes* on individual witnesses provide further information specific to each of them.



13 Transcription criteria are well documented in the *General transcription note*. For instance, it includes protocols for recording different kinds of deletion, catchwords, interpolated lines or blank spaces. The transcription is diplomatic (the text is copied without normalization, corrections or emendations), it is not graphetic (different forms of the letters are not recorded) and abbreviations are expanded in italics. The only exceptions to the transcription's fidelity lie in the manuscript's punctuation, which is not recorded, and in the absence of a distinction between *i* and *j*. The seven manuscripts and two editions are fully transcribed.



14 Different layers of transcription can be shown, highlighting the interventions of different hands, as in the case of the Ashburnham manuscript (Florence, Biblioteca Medicea Laurenziana, Ms. Ashburnham 828).

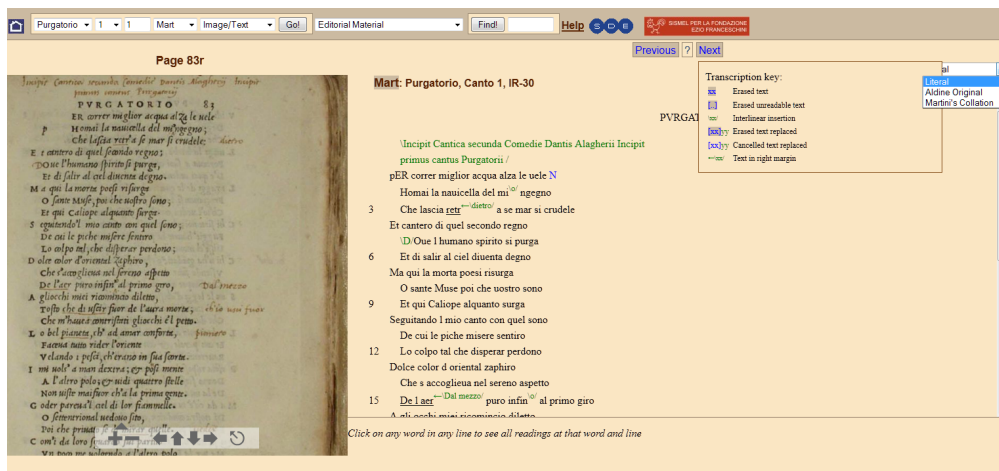


Fig. 3: Layers menu (Mart).

15 The Braidense witness (Milano, Biblioteca Nazionale Braidense, Aldina AP XVI 25) is an edition published by Aldo Manuzio in 1515, and annotated thirty years later by Luca Martini with variants from an early manuscript no longer in existence. The Aldine text and Martini's additions can be seen either together or separately.

16 The witnesses are fully transcribed and encoded. It is worth mentioning another major web resource for scholars interested in reading Dante in manuscripts: the Dante online portal of the Società Dantesca Italiana. The only manuscript fully transcribed in both projects is the Trivulziano (Milan, Biblioteca dell'Archivio storico civico e Trivulziana, Ms. Trivulziano 1080).<sup>1</sup>

17 Barbara Bordalejo has authored the introductory chapter on the encoding system. The edition provides numerous examples of the encoding of scribal deletion, problematic readings, glosses and alternative readings, substitution of one reading for another, aspects of layout, etc. The texts have been encoded in Collate-style markup (specific to the collation tool *Collate*, see below), and later transformed into a customized version of XML-TEI. Starting from the transcription guidelines elaborated by the Società Dantesca Italiana for the *Dante Online* website, the project created a model with which to separate 'the text of the document' and 'the variant states of the text'. Bordalejo observes that

the main goal of this new transcription system is to present a clear distinction between the text of the document (i.e. what goes in the *lit* tag: the exact series of marks upon the page) and how the editor (or the transcriber) interprets the different stages of

development of the text (i.e. our understanding of the text as originally written and then altered).

(Bordalejo, *Commedia*, Appendices: The Encoding System)

18 Here is an example:

```
<app>
  <rdg type="orig">dura</rdg>
  <rdg type="c1">duro</rdg>
  <rdg type="lit">dur<hi rend="underdot">a</hi>o</rdg>
</app>
```

Code 1

The first and second reading tags (<rdg>) mark the variant states of the text: the original and the corrected. The third <rdg> registers the text of the document. TEI elements have not here been used as suggested by the TEI Guidelines and little use is made of the TEI Representation of Primary Sources module.



Fig. 4: Word collation. Metrical analysis.

19 Another level of markup regards the metrical system. David Robey's independent work on the encoding has been incorporated and is available with a click on each line. It is the editor's intention that this should help the reader understand the effect different variants might have on the scansion of the line. The marked phenomena are accented

syllables, synalephas, the opposite dialephas and diaereses (for an extended discussion of Dante's poetic practice, see Robey 2000).

## Collation and phylogenetic analysis



Fig. 5: Word Collation. Original spelling forms.

20 Collating texts of witnesses drawn from different regions and periods inevitably yields variations in spelling. Shaw chose to delete these variations for the collation, standardizing the texts' spelling in accordance with Petrocchi's critical text – since Sanguineti's own critical text is based on a manuscript containing linguistic forms specific to Northern Italy. Problems concerning spelling, segmentation, rhyme and editorial practices are discussed in detail in the Word Collation chapter. Original spelling forms can be seen immediately by selecting the corresponding button in the Word Collation page.





Fig. 6: Image/Text. Apparatus.

21 The collation process is run with Collate, a program developed by Peter Robinson in the late 1980s (Robinson 1989). The complete collation results can be seen in the Apparatus, available from any word of any manuscript.

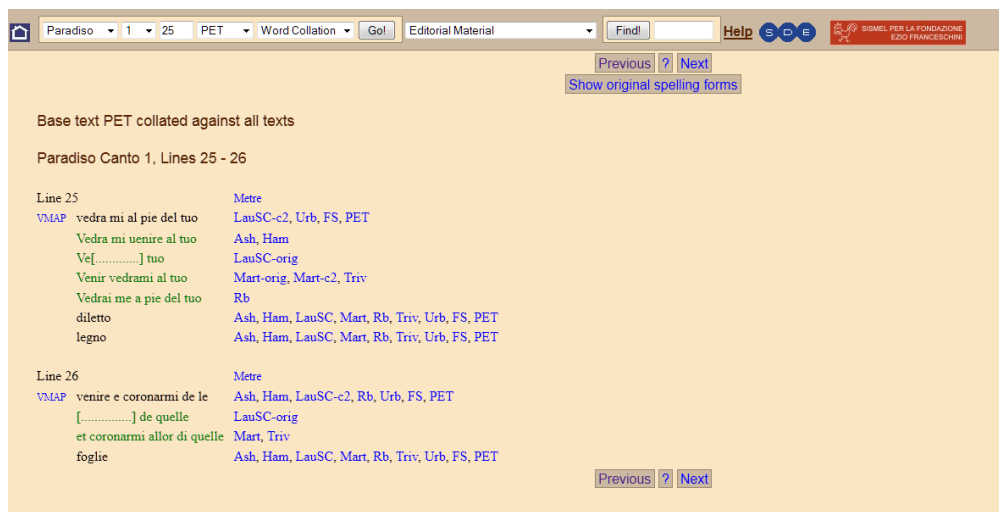


Fig. 7: Word collation.

22 Collation results are also displayed in the Word Collation section, line by line and using Petrocchi's edition as the base-text.

23 The collation generates a single XML-encoded file containing the collation result for the entire *Commedia*. Data is then stored in standard NEXUS file format for

processing with PAUP (Phylogenetic Analysis Using Parsimony). The program uses the record of agreements and disagreements among the witnesses ('taxa', in evolutionary biology) at precise sites of variation ('characters'), to generate a phylogram: an unrooted tree. The length of the branches corresponds to the degree of divergence between witnesses. PAUP, which has proven to be particularly suited to the purposes of textual critics, uses sophisticated methods to find the most 'parsimonious' evolutionary tree: considering all possible bifurcating trees, it identifies the one that requires the smallest number of changes (Windram et al. 2008; Roos, Teemu, and Heikkila 2009; Young 2014). It is worth remembering that evolutionary trees are unrooted, i.e. they have no orientation. For the purposes of textual criticism, this means that the computer fails to provide answers at the highest levels of the stemma.

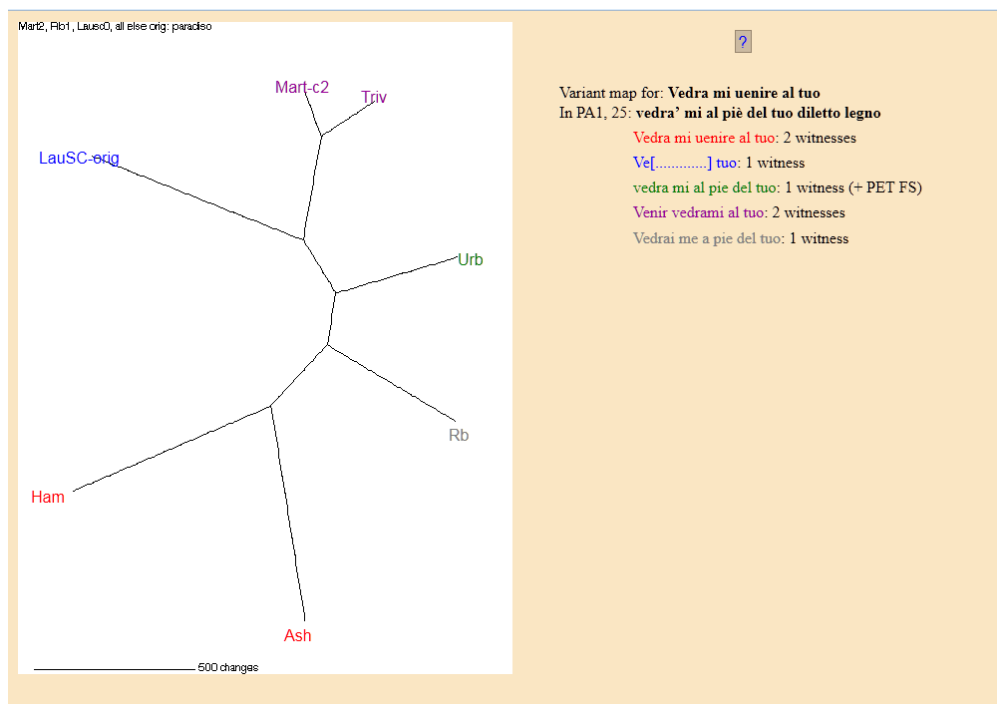


Fig. 8: Variant map.

24 For every line, a Variant Map is available, showing the result of the phylogenetic analysis.

25 The data is processed multiple times: once for the entire poem, again for each *cantica* and yet again for sections within each *cantica*. The phylogenetic analysis shows that there is no divergence in 88% of the *Commedia* text. It also produces trees for *Inferno* and *Purgatorio* that are 'indistinguishable from those for the whole text, while the tree for *Paradiso* shows a slight variation' (*Introduction*). On the basis of their experience with the materials and the analytical method, the editors state:

however, one could not assert that part-publication [...] of these *cantiche* of the *Commedia* [...] did not happen at all. Simply, the phylogenetic analysis suggests no evidence for it.

(Shaw, *Commedia*, Introduction)

26 A comprehensive account of the conclusions drawn from phylogenetic analyses is beyond the scope of this review; following an exhaustive account of the editorial history and textual problems of the poem, philological results are presented on the *Introduction* page (and particularly in the *Manuscripts and computers* chapter and the following chapters) and on the *Phylogenetic analysis* page. In Shaw's words, the project's most significant finding is

the clarification of the position of Rb: Rb is shown unequivocally to be a collaterale of Urb, and not a member of  $\alpha$  as Sanguineti maintains. This inevitably has important knock-on effects for the *restitutio textus*.

(Shaw, *Commedia*, Introduction)

27 In his review, Giorgio Inglese adds nuance to this conclusion, suggesting that 'the appearance of a peculiar relation [between the manuscripts Urb and Rb] is just a consequence of the selection of the witnesses' (Inglese 2012). A reading which seems specific to those two manuscripts can in fact appear in others which are not taken into account in the edition. Inglese highlights the value of the electronic collation that allows for an in-depth evaluation analysis by providing readers with the chance to check the editor's conclusions. He follows to observe that, as far as it regards the *restitutio textus*, Shaw's hypothesis (Rb has a  $\beta$  text) leads to the same results than his own (Rb has an  $\alpha$  text, contaminated with  $\beta$ ): Rb and Urb agreement represents  $\beta$ .

## Judging variants. Editors vs machines?

28 A frequent question in Digital Humanities is whether digital technologies have altered methods of scholarship and, if so, how. For instance, how does one reckon with textual variants in the field of scholarly edition? The question inevitably arises wherever scholars seek to track the transmission of a work and to produce a critical text. In the so-called Lachmannian tradition, the editor is required to distinguish between variants and errors and to consider only the latter in drawing relations between witnesses. The trees

produced in textual criticism using evolutionary biology methods, however, draw upon all the evidence – that is variants which may or may not include errors. For instance, in her analysis of the relationship between the ms. Urb and the ms. Rb, Shaw presents the following evidence: errors in common (counted as errors by Petrocchi but accepted by Sanguineti) and errors *separativi* of  $\alpha$  (which isolates Urb and Rb), which amount to ten 'monogenetic variants linking Rb and Urb'. In addition, the editor considers small errors and variants according to the following useful taxonomy (for a similar list of types of polygenetic variants, see Brandoli 2007): substitution of a word, change in word order, addition or omission of the definite article, addition or omission of the first person pronoun *io* and/or the third person pronoun *el*, addition or omission of a small word, singular for plural or vice versa, variants with an extra or missing syllable which affects scansion, resulting in a metrical error or not, different forms of the verb, retouching of short phrases. As Shaw points out,

some of these categories are not especially significant in themselves. Singly, they mean next to nothing. But it is the presence of a long series of them uniformly right across the text in a very small number of manuscripts which is striking (and this is surely what Petrocchi's phrase 'foltezza di statistica' refers to at least in part) [...] If the results of the computer analysis are accepted as valid for mss. AHMT and L, there is no reason that they should not be accepted as valid for mss. R and U.

(Shaw, *Commedia*, Introduction)

29 A coherent agreement or divergence between witnesses alongside the text, including errors and variants, is evidence that has to be taken into account. Shaw's assertions are less persuasive, however, where she argues that

this ability of phylogenetics to create hypotheses of relationships which do not require any prior judgments as to originality is one of its greatest strengths for textual scholars. In classical stemmatics, as formulated by Paul Maas, analysis must be based on shared error alone. Therefore, one must determine at each point which reading is "original", which is "error", before analysis can begin. As well as the difficulty of determining the "original" reading, there is the argument elegantly expressed by Talbot Donaldson: if one

can determine the original reading at every point, then why bother with any further analysis?

(Shaw, *Commedia*, Phylogenetic Analysis)

30 However, determining which reading is an error in traditional stemmatics does not amount to identifying the original reading. For instance, an editor can establish that a reading that breaks the metrical scheme is an error and still have other witnesses with different, and potentially correct, readings; or a *lectio difficilior* might be 'trivialized' by all scribes, in the so-called 'diffraction *in absentia*', such that it remains extremely difficult to 'guess' which reading is the original and correct one. Thus what Shaw considers a matter of interpretation, avoidable by recourse to 'new methodology', in fact remains the domain of scholar's expertise.

31 Fortunately, Shaw seems to contradict her previous statement, declaring that 'assessing the significance of variants is a large part of the editorial process'. Doing it with digital technologies might be a promising field of investigation, which, to my knowledge, has only been pursued beyond the stage of theoretical assertions by few scholars (Barabucci, Di Iorio and Vitali 2014; Cadioli Forthcoming; a work in progress as part of the DiXiT Marie-Curie Network).

## **VBase integrated tool**

32 The edition contains an integrated tool, VBase. The tool is used to retrieve variants according to their distribution across the witnesses. Though not immediately intuitive, the user is able to perform complex searches and have immediate results after only a short training (cf. Trovato 2014, 209). The importance of this tool is underlined by Trovato, who proved his skepticism on the value of the edition as a whole (Trovato 2010).

33 A query consists in asking for variants which only appear in one or more selected manuscripts. Furthermore, it is possible to specify whether those readings should not be present in other witnesses and to restrict the query to specific parts of the text. In each query, the number of results (readings) per single witness is available by checking the 'Count the hits in every witness' box. Eight variant groups – sets of variants characteristic of a particular group of witnesses, as a couple of manuscripts, a branch of the tradition, the editions, etc. – have been defined; variant groups can be deployed in order to perform searches within a single group or to have a witness react to a group.

34 The editors used VBase to visualize and analyse the collation results. In the section devoted to Phylogenetic Analysis, a number of VBase queries are discussed in detail; for example, according to VBase results, the agreements and disagreements of Rb with the variant groups show that the manuscript is a member of the  $\beta$  family, but shares many more readings with the  $\alpha$  branch than Urb does (note that Shaw's conclusion, in contrast with Sanguineti's, is that Rb is a  $\beta$  witness; while Inglese considers Rb an  $\alpha$  manuscript contaminated with  $\beta$ ).

Back to Commedia

Enter VBase query:

From: Cantica PA Canto 1 Line 1 To: PA 33 145 Start at hit 1 Returns 50 hits

Not in ☐ (< or > of) Urb Rb

Not in ☐ (< or > <3 of) all

Not in ☐ (< or > of)

Not in ☐ (< or > of)

Not in ☐ (< or > of)

Not in ☐ (< or > of)

Not in ☐ (< or > of)

Not in ☐ (< or > of)

Count the hits in every witness (don't use last input row) ☐ Check to clear all ☐ Press to search

Make Variant Group Profile for  Submit Query

Get variants for: [Ash Ham Mart Triv](#) [Alpha Urb Rb](#) [Martini's collation](#) [Editions](#) [PET FS disagree FS Urb, not PET](#) [Make Outline Variant Group Profiles](#) [Make Full Variant Group Profiles](#)

Search for variants: in Urb Rb, in <3 of 'all' (PA canto 1 - PA 33 145)

4 of total 4 hits

PA2-108: e dal colore e dal freddo primal. Variant map

colore	2	Rb Urb
colore	8	Ash Ham LauSC Mart-orig Mart-c2 Triv FS PET

PA6-50: che di retro ad Anibale passaro Variant map

Anibal	2	Rb Urb
Anibale	7	Ash Ham LauSC Mart Triv FS PET

PA10-99: è di Colonia, e io Thomas d' Aquino. Variant map

Thomaso	2	Rb Urb
Thomas	7	Ash Ham LauSC Mart Triv FS PET

PA23-25: Quale ne' plenilunii sereni Variant map

Quali	2	Rb Urb
Quale	7	Ash Ham LauSC Mart Triv FS PET

Fig. 9: VBase.

35 As an example of VBase functionalities, here is a query for readings peculiar to manuscripts Urb and Rb, only in *Paradiso*:

## Publication and copyrights

36 The edition is powered by *Anastasia*, a publication tool that allows users to process and search large SGML/XML documents. The application was developed by Peter Robinson in 2000, as a successor to DynaText, and extensively renovated by him and Andrew West over the following years. In 2004 it was released open source. The advantages of *Anastasia* are that it bundles the server, parsing, searching, and display handling into a single package; it also assumes that any document is composed of a series of events which are defined not only by their hierarchical relation, but also by their left-to-right relation in the document stream. This last feature is significantly different from other XML systems. New developments by the same team have flowed into the *SDPublisher* publication system of the Scholarly Digital Editions (SDE) company. The

system inherited the same basic model as *Anastasia*, with some major changes: it is not limited to Apache servers, it uses Python rather than TCL for scripting and uses a database to enable dynamic representations of texts. There are currently eleven editions available on the SDE portal – all of them powered by *Anastasia/SDPublisher*. Since 2010, no further developments have been planned for this tool. Peter Robinson, its main promoter, has moved on to different projects concerning the making and publishing of digital editions. On the publication side, his dedication to Chaucer's work has resulted in the *CantApp*, a digital edition of the Canterbury Tales for mobile devices. As far as regards the creation of digital editions, his new venture is the *TextualCommunities* portal; it aims to create free available editions, in collaboration with many people and in a web-based system that does not require extensive computer skills.

## Presentation and usability

37 The edition is easy to navigate. The reader can select the portion of the text of interest (*cantica*, *canto* and *verse*), the witness and the kind of visualization: image/text, transcription or word collation.

38 All editorial materials are available from a drop-down menu. Moreover, an entire section is dedicated to 'Using this edition'; here the user can find help pages summarising the different functionalities and views, including information about printing facilities. A detailed table of contents always remains visible on the left side of the screen to orient the reader within the text. A simple search functionality is provided on the whole text and yields results as words in context.

39 Editorial materials include a list of abbreviations, a rich bibliography divided into sections and an appendix devoted to the list of Barbi's above mentioned 400 *loci critici*, with direct links to word collation for all of them.

40 However, a select few but nevertheless important facilities are missing: there are no citation guidelines and, on the technical side, it is not possible to download raw data, such as the XML files with transcriptions and related schemas.

41 A limited portion of the Shaw edition's editorial materials are freely accessible on the web, as the collaborations and images that went into the project have left copyright owners concerned. All transcripts, collations and editorial materials are available under the Creative Commons 'Attribution-NonCommercial-ShareAlike 3.0' license.

## Conclusion

42 Shaw makes several suggestions for the edition's improvement. One of them concerns the Landiano manuscript (Piacenza, Biblioteca Comunale Passerini Landi, Landiano 190), which has not been included in the project, and the prospect of producing for it a transcription that includes the *scriptura inferior*, in the manner of the Ashburnam and Laurenziano manuscripts. Moreover, in light of the interesting results achieved on the basis of the manuscript Rb, a further controversial witness – the Madrid manuscript (Madrid, Biblioteca Nacional, ms. 10186) – would be worth analysing.

43 To conclude, the *Commedia* digital edition is not a precious resource for Dante scholars alone, but also, more broadly, for anyone interested in medieval manuscripts and in textual scholarship. It provides readers of Dante with an easy access to the manuscripts containing his work. The tools and the methodology applied are experimental and yield high quality results. The reader may or may not agree with the editor's conclusions, but the significant element of the project is that the reader is at liberty to verify those conclusions herself, by reading the explanation of any statement, comparing transcriptions with facsimiles, comparing every reading of any line and visualizing variant maps for them, testing the editor's hypothesis and formulating new ones using VBase. This is the essential scholarly value of Shaw's project.

44 It is unfortunate, then, that according to the WorldCat catalogue, fewer than thirty libraries in the world are in possession of the DVD or have complete online access. Moreover, libraries such as the British Library, the Bibliothèque nationale de France, or Cambridge University Library do not number among them. The libraries which provide access to Shaw's edition are fourteen in Italy, seven in the USA, three in England, one in Spain, one in France and one in Germany. Shaw's edition certainly deserves a wider distribution.

## Notes

1. The double check may be useful, at least for spelling details: e.g., Inf, II, 2: DO toglieua vs SHAW togleua; and Shaw is more consistent in the preservation of the u/v instability. Nevertheless, considering the time needed to transcribe the whole poem, it is worth discussing whether it is worth having two projects independently carry out this task.



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# Factsheet

Resource reviewed	
<b>Title</b>	Dante Alighieri Commedia A Digital Edition
<b>Editors</b>	Prue Shaw
<b>URI</b>	<a href="http://sd-editions.com/AnaAdditional/commediaonline/home.html">http://sd-editions.com/AnaAdditional/commediaonline/home.html</a>
<b>Publication Date</b>	2010
<b>Date of last access</b>	15.10.2015

Reviewer	
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Documentation		
<b>Bibliographic description</b>	Is it easily possible to describe the project bibliographically along the schema "responsible editors, publishing/ hosting institution, year(s) of publishing"? (cf. <a href="#">Catalogue 1.2</a> )	yes
<b>Contributors</b>	Are the contributors (editors, institutions, associates) of the project fully documented? (cf. <a href="#">Catalogue 1.4</a> )	yes
<b>Contacts</b>	Does the project list contact persons? (cf. <a href="#">Catalogue 1.5</a> )	no
Selection of materials		
<b>Explanation</b>	Is the selection of materials of the project explicitly documented? (cf. <a href="#">Catalogue 2.1</a> )	yes
<b>Reasonability</b>	Is the selection by and large reasonable? (cf. <a href="#">Catalogue 2.1</a> )	yes

<b>Archiving of the data</b>	Does the documentation include information about the long term sustainability of the basic data (archiving of the data)? (cf. <a href="#">Catalogue 4.16</a> )	yes
<b>Aims</b>	Are the aims and purposes of the project explicitly documented? (cf. <a href="#">Catalogue 3.1</a> )	yes
<b>Methods</b>	Are the methods employed in the project explicitly documented? (cf. <a href="#">Catalogue 3.1</a> )	yes
<b>Data Model</b>	Does the project document which data model (e.g. TEI) has been used and for what reason? (cf. <a href="#">Catalogue 3.7</a> )	yes
<b>Help</b>	Does the project offer help texts concerning the use of the project? (cf. <a href="#">Catalogue 4.15</a> )	yes
<b>Citation</b>	Does the project supply citation guidelines (i.e. how to cite the project or a part of it)? (cf. <a href="#">Catalogue 4.8</a> )	no
<b>Completion</b>	Does the edition regard itself as a completed project (i.e. not promise further modifications and additions)? (cf. <a href="#">Catalogue 4.16</a> )	yes
<b>Institutional Curation</b>	Does the project provide information about institutional support for the curation and sustainability of the project? (cf. <a href="#">Catalogue 4.13</a> )	yes
<b>Contents</b>		
<b>Previous Edition</b>	Has the material been previously edited (in print or digitally)? (cf. <a href="#">Catalogue 2.2</a> )	yes
<b>Materials Used</b>	Does the edition make use of these previous editions? (cf. <a href="#">Catalogue 2.2</a> )	yes
<b>Introduction</b>	Does the project offer an introduction to the subject-matter (the author(s), the work, its history, the theme, etc.) of the project? (cf. <a href="#">Catalogue 4.15</a> )	yes
<b>Bibliography</b>	Does the project offer a bibliography? (cf. <a href="#">Catalogue 2.3</a> )	yes

<b>Commentary</b>	Does the project offer a scholarly commentary (e.g. notes on unclear passages, interpretation, etc.)? (cf. <a href="#">Catalogue 2.3</a> )	no
<b>Contexts</b>	Does the project include or link to external resources with contextual material? (cf. <a href="#">Catalogue 2.3</a> )	no
<b>Images</b>	Does the project offer images of digitised sources? (cf. <a href="#">Catalogue 2.3</a> )	yes
<b>Image quality</b>	Does the project offer images of an acceptable quality? (cf. <a href="#">Catalogue 4.6</a> )	yes
<b>Transcriptions</b>	Is the text fully transcribed? (cf. <a href="#">Catalogue 2.3</a> )	yes
<b>Text quality</b>	Does the project offer texts of an acceptable quality (typos, errors, etc.)? (cf. <a href="#">Catalogue 4.6</a> )	yes
<b>Indices</b>	Does the project feature compilations indices, registers or visualisations that offer alternative ways to access the material? (cf. <a href="#">Catalogue 4.5</a> )	yes
<b>Documents</b>		
<b>Types of documents</b>	Which kinds of documents are at the basis of the project? (cf. <a href="#">Catalogue 1.3</a> and <a href="#">2.1</a> )	Single work
<b>Document era</b>	What era(s) do the documents belong to? (cf. <a href="#">Catalogue 1.3</a> and <a href="#">2.1</a> )	Medieval
<b>Subject</b>	Which perspective(s) do the editors take towards the edited material? How can the edition be classified in general terms? (cf. <a href="#">Catalogue 1.3</a> )	Philology / Literary Studies
<b>Presentation</b>		
<b>Spin-offs</b>	Does the project offer any spin-offs? (cf. <a href="#">Catalogue 4.11</a> )	none
<b>Browse by</b>	By which categories does the project offer to browse the contents? (cf. <a href="#">Catalogue 4.3</a> )	Versions, Pages, Documents, Type of material
<b>Search</b>		

<b>Simple</b>	Does the project offer a simple search? ( <a href="#">cf. Catalogue 4.4</a> )	yes
<b>Advanced</b>	Does the project offer an advanced search? ( <a href="#">cf. Catalogue 4.4</a> )	no
<b>Wildcard</b>	Does the search support the use of wildcards? ( <a href="#">cf. Catalogue 4.4</a> )	yes
<b>Index</b>	Does the search offer an index of the searched field? ( <a href="#">cf. Catalogue 4.4</a> )	yes
<b>Suggest functionalities</b>	Does the search offer autocompletion or suggest functionalities? ( <a href="#">cf. Catalogue 4.4</a> )	no
<b>Helptext</b>	Does the project offer help texts for the search? ( <a href="#">cf. Catalogue 4.4</a> )	yes
<b>Aim</b>		
<b>Audience</b>	Who is the intended audience of the project? ( <a href="#">cf. Catalogue 3.3</a> )	Scholars, Interested public
<b>Typology</b>	Which type fits best for the reviewed project? ( <a href="#">cf. Catalogue 3.3</a> and <a href="#">5.1</a> )	Text Critical Edition
<b>Method</b>		
<b>Critical editing</b>	In how far is the text critically edited? ( <a href="#">cf. Catalogue 3.6</a> )	Transmission examined, Palaeographic annotations, Normalization, Variants, Commentary notes
<b>Standards</b>	( <a href="#">cf. Catalogue 3.7</a> )	
<b>XML</b>	Is the data encoded in XML?	yes
<b>Standardized data model</b>	Is the project employing a standardized data model (e.g. TEI)?	no
<b>Types of text</b>	Which kinds or forms of text are presented? ( <a href="#">cf. Catalogue 3.5.</a> )	Diplomatic transcription
<b>Technical Accessibility</b>		
<b>Persistent Identification and Addressing</b>	Are there persistent identifiers and an addressing system for the edition and/or parts/objects of it and which mechanism is used to that end? ( <a href="#">cf. Catalogue 4.8</a> )	other: ISBN

<b>Interfaces</b>	Are there technical interfaces like OAI-PMH, REST etc., which allow the reuse of the data of the project in other contexts? (cf. <a href="#">Catalogue 4.9</a> )	none
<b>Open Access</b>	Is the edition Open Access?	no
<b>Accessibility of the basic data</b>	Is the basic data (e.g. the XML) of the project accessible for each part of the edition (e.g. for a page)? (cf. <a href="#">Catalogue 4.12</a> )	no
<b>Download</b>	Can the entire raw data of the project be downloaded (as a whole)? (cf. <a href="#">Catalogue 4.9</a> )	no
<b>Reuse</b>	Can you use the data with other tools useful for this kind of content? (cf. <a href="#">Catalogue 4.9</a> )	no
<b>Rights</b>		
<b>Declared</b>	Are the rights to (re)use the content declared? (cf. <a href="#">Catalogue 4.13</a> )	yes
<b>License</b>	Under what license are the contents released? (cf. <a href="#">Catalogue 4.13</a> )	CC-BY-NC-SA
<b>Personnel</b>		
<b>Editors</b>	Prue Shaw	
<b>Contributors</b>	Jennifer Marshall Peter Robinson	