Versioning materiality

Documenting evidence of past binding structures

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Versioning Cultural Objects symposium – 1, 2 Dec 2016
Maynooth University
The Works of the Most High and Mighty Prince James, London, 1616
original Oxford-style blind-tooling of the early 17th century

The Works of the Most High and Mighty Prince James, London, 1616
Rhetores Selecti ... Græcè & Latine
Oxford, 1676
Rhetores Selecti ... Græcè & Latine
Oxford, 1676
Jacques Coret, *L’Ange Conducteur dans la Dévotion Chrétienne*, Vienna, 1769

Jacques Coret, *L’Ange Conducteur dans la Dévotion Chrétienne*, Vienna, 1769

Pontificale Romanum Clementis VIII, Antwerp: ex officina Plantiniana, 1627
Pontificale Romanum Clementis VIII, Antwerp: ex officina Plantiniana, 1627
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Pontificale Romanum Clementis VIII, Antwerp: ex officina Plantiniana, 1627

*Bulletin des Lois de la République Française, 3ème Série*, Paris, 1802/3

*Bulletin des Lois de la Republique Francaise, 3me Série*, Paris, 1802/3
Jacobus Philippus, *De claris mulieribus*, Ferrara, 1497
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Figure 1.2  Diagram of the construction of the Nag Hammadi codices.

Figure 1.3  Two methods of cover attachment observed on the Nag Hammadi codices: [a], direct attachment with the tacket passing through the whole of the cover; [b], attachment mediated through the spine strip; the tacket passing through the spine strip only and remaining hidden under the covering.

Figure 2.4  Board attachment of early Coptic codices, based on the structure of the Glaster codex (PML G 67). Diagram (a) presents the outer face of the cover, (b) shows a cross-section of the hinging design passing through the boards.

Figure 2.5  Various methods of board construction and shaping of the board edges. In [a] and [b], separately prepared pasteboard is employed and attached to the board with a hinging loop; in [b], a distinct rounded edge is produced by joining two boards. In [c] and [d], the outer quire, seen with the board, is used to produce the board by pasting together its leaves; a groove remains where the edges of the two halves of the folded board are covered separately.

Figure 2.6  Two different methods of board construction: [a], the first leaf of the first quire is pasted down on the inner face of the upper board; [b], all leaves of the first quire are pasted together to also to form the upper board ([a] is reconstructed after Bodmer P. XVI, [b] is based on Bodmer P. III).
### 4. ENDLEAVES

<table>
<thead>
<tr>
<th>LEFT</th>
<th>RIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://example.com/image1.jpg" alt="Image" /></td>
<td><img src="https://example.com/image2.jpg" alt="Image" /></td>
</tr>
</tbody>
</table>

#### 1. LEFT
- **Material**
  - PARCHMENT
  - PAPYRUS
  - PAPER
  - Nasca
  - Greek
  - Arabic
  - Syraci
  - Hebrew
  - Latin
  - Other
- **Condition**
  - Extent: Sound
  - Sev: None

#### 2. MATERIAL
- **Parchment**
  - Greek
  - Arabic
  - Syraci
- **Papyrus**
  - Greek
  - Arabic
  - Syraci
- **Paper**
  - Greek
  - Arabic

#### 3. CONDITION
- **Extent**
  - Sound
  - Extent: Sound

#### 4. ADDED ENDLEAVES
- **Yes**
  - Paper
  - Parchment
  - Western
  - Eastern
  - Burnished
- **No**
  - None

#### 5. ADDED ENDLEAVES CONDITION
- **Sound**
  - Extent: Sound
  - Extent: Sound

### 5. SEWING (CURRENT), EDGES

#### 5. SEWING SUPPORTS
- **Number of supports**
  - Single
  - Double
  - NK
- **Material**
  - Tawed
  - Tanned
  - Strung
  - Twisted
  - Cord
  - Rolled
  - NK

#### 7. SUPPORT ROUTE
- **Double**
  - Linked
  - Not linked
  - NK

### 6. STATION MEASUREMENTS
- **Head**
  - NK

### 9. SEWING CONDITION
- **Thread**
  - Sound
  - Weak
  - Totally decayed

### 10. EDGES
- **Decoration**
  - None
  - Coloured
  - Painted
  - Gold
  - Gauered
  - Sprinkled
  - NK
  - Other
- **Method**
  - Plain cut
  - Knife cut
  - Blade marks
  - NK
  - Other
- **Colours**
  - None
  - Coloured
  - Painted
  - Gold

### 11. EDGE CONDITION
- **Sound**
  - Worn
  - Rounded
  - Soft
<table>
<thead>
<tr>
<th>3. THREAD</th>
<th>Single</th>
<th>Double</th>
<th>S-ply</th>
<th>Z-ply</th>
<th>NK</th>
<th>Plain</th>
<th>Silk</th>
<th>NK</th>
<th>Waxed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Same as endband</td>
<td>Thin</td>
<td>Medium</td>
<td>Thick</td>
<td>Tight twist</td>
<td>NK</td>
<td>Medium twist</td>
<td>Loose twist</td>
<td>Thread colour</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>4. SUPPORTED</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>All-along</td>
<td>2-on</td>
<td>Other</td>
<td>NK</td>
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<tr>
<td>5. UNSUPPORTED</td>
<td>Yes</td>
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<tr>
<td>Single sequence</td>
<td>Double sequence</td>
<td>NK</td>
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<tr>
<td>6. SEWING SUPPORTS</td>
<td>Number of supports</td>
<td>Single</td>
<td>Double</td>
<td>NK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. SUPPORT ROUTE</td>
<td>Double</td>
<td>Linked</td>
<td>Not linked</td>
<td>NK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Single</td>
<td>Raised</td>
<td>Recessed</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>8. STATION MEASUREMENTS</td>
<td>head</td>
<td>5</td>
<td>35</td>
<td>62</td>
<td>105</td>
<td>136</td>
<td>165</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. SEWING CONDITION</td>
<td>STRUCTURE</td>
<td>SOUND</td>
<td>THREAD</td>
<td>SOUND</td>
<td></td>
<td></td>
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</tbody>
</table>
Implied relationships

Component $\rightarrow$ Type

component *is of* type

Component $\rightarrow$ Component

component *is part of* component
### 4. ENDLEAVES

<table>
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</thead>
<tbody>
<tr>
<td><img src="image" alt="Tabel" /></td>
<td><img src="image" alt="Table" /></td>
</tr>
</tbody>
</table>

#### 5. SEWING (CURRENT), EDGES

<table>
<thead>
<tr>
<th>1. LEFT</th>
<th>2. MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Details" /></td>
<td><img src="image" alt="Details" /></td>
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</table>

#### 6. SEWING SUPPORTS

<table>
<thead>
<tr>
<th>Number of supports</th>
<th>Single</th>
<th>Double</th>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td><img src="image" alt="Details" /></td>
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</tr>
</tbody>
</table>

#### 7. STATION MEASUREMENTS

| ![Diagram](image) | ![Diagram](image) |

#### 10. EDGES

<table>
<thead>
<tr>
<th>Uncut</th>
<th>Coloured</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Details" /></td>
<td><img src="image" alt="Details" /></td>
</tr>
</tbody>
</table>

#### 11. EDGE CONDITION

| ![Diagram](image) | ![Diagram](image) |

### 8. STATION MEASUREMENTS

<table>
<thead>
<tr>
<th>Head</th>
<th>Tail</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Diagram" /></td>
<td><img src="image" alt="Diagram" /></td>
</tr>
</tbody>
</table>
Types with implied period of time

- Added endleaves
- Current – Previous – Earlier
Jacobus Philippus, *De claris mulieribus*, Ferrara, 1497

Ioannes a Sancto Geminiano, *Summa de exemplis*, Venice, 1499
Jacobus Philippus, De claris mulieribus
(Book)

produced

Binding

to

happened during

Board addition

added

1497 boards
(Component)

1497

1600
Jacobus Philippus, De claris mulieribus
(Book)

1497 boards (Component)

Board addition

1497

Alteration

Happened during

from

Board removal

altered

From

1497 boards (Component)

1600
Definition of the CIDOC Conceptual Reference Model

Produced by the ICOM/CIDOC Documentation Standards Group,
Continued by the
CIDOC CRM Special Interest Group

Version 6.2
May 2015


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http://www.cidoc-crm.org/get-last-official-release
Events

- People (or Groups)
- Things (Physical and non-physical)
- Time-span
- Places

- Participate
- Affect
- during
- at
Issues to discuss

• Subjectivity
  are there objective criteria to define versions?
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• Subjectivity
  are there objective criteria to define versions?

• Observation and deduction
  what do I see and what do I know?
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• Subjectivity
  are there objective criteria to define versions?

• Observation and deduction
  what do I see and what do I know?

• Thousands of identifiers
  how do we manage them?
Issues to discuss

- **Subjectivity**
  are there objective criteria to define versions?

- **Observation and deduction**
  what do I see and what do I know?

- **Thousands of identifiers**
  how do we manage them?

- **Communicate structure**
  how do we make the schema/model accessible to professionals?