Preservation Lab - Examination and Treatment Report

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<td>1080</td>
<td>228</td>
<td>i78808704</td>
<td>11/3/2015</td>
<td>Catarina Figueirinhas supervised by Ashleigh</td>
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**Department**
PLCH

**Call Number**
378.4257 qU58ZuL 1887 v.2

**Date Returned to Origin**

**Title**
Alumni Oxonienses : the members of the University of Oxford, 1715-1886...

**Author**
University of Oxford.

**DESCRIPTION:**

**General Remarks**
This book is part of a collection of four Alumni Oxonienses books from the University of Oxford.

**Binding**
This is a half leather binding with dark red sheep skin leather and royal blue cloth covered boards. The boards are cased-in with three recessed cords. The stuck on endbands are commercially constructed and are purple and red. The leather is gilt along the edges where it meets the cloth cover.

**Textblock**
The text block is composed of many gatherings. The gatherings are sewn through the fold on three recessed cords. The top edge of the text block is gilded. There is evidence of a bookmark made of dark red cloth attached to the spine of the text block.

**Primary Support**
The text block consists of a light beige machine made laid paper. The endsheets and pastedowns are made of a wove paper. The endleaf is colored dark blue on one side and light beige on the other.

**Medium**
The text is printed throughout in black ink.

**Attachments| Inserts**
There is a bookplate from the Public Library of Cincinnati on the pastedown of the upper cover. Also, there is a purple ink library stamp on verso of the last page of the textblock.

**Housing**
No prior housing

**CONDITION:**

**Summary**
The textblock is in good condition, however the binding has failed and the book cannot be handled properly without suffering further damage.
Binding
Overall, the binding is in poor condition. Both covers are detached from the text block. The leather spine is delaminating from the spine lining and is torn in the middle. The leather on the binding is scratched and worn, and there are several losses, mostly on the spine and along the edges of the boards. The color has darkened from red to a darker red/brown. The cloth on both covers is coated with a heavy layer of grime and dark stains, and its color has faded from a royal blue to a purple tone. The corners have lost the covering leather along the edges. The exposed edges are delaminating.

Textblock
The textblock is in good condition. Overall, it exhibits a superficial layer of dirt. The sewing is stable and strong. Both endsheets are coated with a heavy layer of grime. The front endsheet has small tears along the fore edge and the top corner is folded. There is no evidence of the existence of a bottom stuck on endband, however is it possible that all the evidence has been lost over time. The top endband is beginning to unravel. The bookmark fragment has become brittle.

Primary Support
Good condition.

Medium
All the media is stable.

Housing

Housing Narrative
No prior housing

Attachments| Inserts
N/A

Previous Treatment
No evidence of previous treatment.

Materials Analysis
No analysis was conducted at this time.

TREATMENT:

Proposal
1. Dry surface clean the covers and textblock.
2. Remove loose covers and lift leather spine, as well as pages such as fly leaves or tipped-in leaves.
3. Clean text lock spine to remove linings and brittle adhesive.
4. Prepare new archival endsheets.
5. Sew the textblock with new sewing supports. Add new gatherings of hinged leaves and new endsheets (with a toned Uso mino hinge in between the new endsheets).
6. Reline textblock spine with reversible layer of Uso mino and wheat starch paste, linen cloth lining and Dove gray paper.
7. Prepare covers for split board cover attachment.
8. Reattach boards with a modified library split board binding.
9. Reback and reattach original spine.
10. Construct a corrugated clamshell box to house the binding for long term storage.
Housing Need
Corrugated clamshell

Factors Influencing Treatment
This book is being treated in conjunction with three other volumes from this set. In order to maintain the original boards, and a cohesive aesthetic, and in order to compensate for the heaviness of the text block, a modified split board technique will be used to reattach the original boards. New archival endsheets will be added to protect the textblock from the original acidic endsheets.

Performed Treatment
1. Overall both covers, pastedowns and flyleaves were dry surface cleaned with Absorbene smoke sponge. The flyleaves that contained a heavy layer of grime were further surface cleaned with an eraser block. [CF, 0.35 hrs].
2. Both covers were removed from the text block and the leather spine was lifted. All the pages that were tipped onto the textblock were mechanically removed with a Caselli spatula. [CF, 0.25 hrs]. The leather on the covers and spine was consolidated with Klucel G 3% in Ethanol, [CF, 0.15 hrs].
3. The textblock spine was cleaned with a poultice of methyl cellulose 3%. The brittle spine linings and adhesive were reduced. [CF, 2.15 hrs].
4. New archival endsheets of Dove Gray paper were exactly measured and cut, and placed between the acidic original endsheets and the textblock. The original endsheets were hinged onto the new endsheets with an Uso Mino tissue hinge and Zen Shofu wheat starch paste. A loose hinge of toned Uso mino Kozo tissue was wrapped around the group of endsheets. [CF, 1.25 hrs].
5. The removed leaves were hinged onto the textblock spine with Uso Mino Kozo tissue hinges and Zen Shofu wheat starch paste. [CF, 0.5 hrs].
6. Once the text block was completed, it was sewn with linen tapes with a French link stitch using the two original kettle stitch holes. The sewing supports were only sewn on the first four gatherings and on the last four gatherings, reinforcing these areas. The rest of the text block was in good condition and it did not need the extra support. [CF, 3.5 hrs].
7. The spine of the text block was lined with multiple layers. The spine was first lined with a reversible layer of Uso mino Kozo tissue and wheat starch paste. Secondly, the spine was lined with a linen cloth lining adhered with a mixture of PVA and wheat starch paste. Finally, the spine was lined with a Dove gray paper lining adhered also with a mixture of PVA and wheat starch paste. [CF, 0.65 hrs].
8. Once the text block was completed, the covers were prepared for a split board cover attachment. First, the corners were repaired with Lascaux 498 HV. [CF, 0.15 hrs]. Secondly, using paring knives, the leather on the covers was lifted and the boards were split in the middle of 1 inch deep. [CF, 1 hrs].
9. Both the spine cloth lining flanges and the tape extensions were adhered together and coated with a thick layer of PVA and air dried. [CF, 0.35 hrs]. The laminated flanges were adhered to the split board with PVA. [CF, 0.6 hrs].
10. Once the both boards were attached to the textblock via a modified split board binding, the leather spine was lined with an acrylic toned Uso mino kozo tissue and wheat starch paste. The spine was also lined with a linen cloth lining and PVA. [CF, 4 hrs].
11. The book was rebacked and the original spine was reattached with wheat starch paste. Once the cloth hinges were fully adhered to the cover boards on the outside, the cover leather was adhered down with Lascaux 498 HV. [CF, 3 hrs]. The toned Uso mino tissue hinge on the inside was adhered down on to the pastedown with Zen Shofu wheat starch paste. [CF, 0.15 hrs].
12. The book was rehoused in a protective enclosure, a corrugated clamshell box. [CF, 0.75 hrs].

Housing Provided
Corrugated clamshell
Housing Narrative

Storage Recommendations and Handling notes

TOTAL Treatment Time

18.85 hrs
The Preservation Lab

Examination Report Cont'd

i78808704_1080_A01N, Before Treatment

i78808704_1080_D01N, After Treatment

i78808704_1080_A02N, Before Treatment

i78808704_1080_D02N, After Treatment
i78808704_1080_B01N, During Treatment - Cleaned spine

i78808704_1080_B02N, During Treatment - Sewn text block with new sewing supports and reversible layer.

i78808704_1080_C01N, During Treatment - Spine lined and boards attached