Title
A catalogue of graduates who have proceeded to degrees in University of Dublin

Author
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DESCRIPTION:

General Remarks
Text dates to 1866-1868.

Binding
This is a quarter leather binding with black leather and black and green sprinkled paper boards. The boards are laced-in with three cords. The corners are vellum tipped. The stuck on endbands are constructed from rolled pieces of cloth that are green and white striped.

Textblock
The uncut textblock is sewn two or three-up on three recessed cords.

Primary Support
The textblock paper is a dark beige machine made wove paper.

Medium
Printed in black ink.

Attachments| Inserts
None.

Housing

CONDITION:

Summary
The textblock is in good condition, however the book cannot be handled because the binding is severely degrading from red rot.

Binding
Overall, the leather is suffering from red rot. The spine is detached and the boards are loose. The leather has cracked along the joints. Currently, the only means of board attachment are the laced-in cords which are loosened.

Textblock
The spine linings are brittle, however the sewing appears intact. The textblock contains surface dirt. The paste-downs and title sheet are torn along the gutter margin.

Primary Support
The paper is extremely brittle with no fold endurance.

**Medium**

Stable.

**Housing**

**Housing Narrative**

**Attachments | Inserts**

**Previous Treatment**

None

**Materials Analysis**

**TREATMENT:**

**Proposal**

1. Surface clean the textblock.
2. Consolidate leather with Klucel G.
3. Remove and replace spine linings. Retain original stuck-on endbands.
4. Lift leather on boards along joint.
5. Re-attach upper board and strengthen the lower board attachment.
6. Reback the binding.
7. Adhere the original leather spine to the new reback.

**Housing Need**

**Factors Influencing Treatment**

The leather spine is extremely brittle and may pose an issue during reattachment.

**Performed Treatment**

1. All of the leather was consolidated with with 2% Klucel G in isopropyl alcohol.
2. The endsheets were surface cleaned with Absorbene smoke sponges.
3. The brittle spine linings were first mechanically removed from the back of the textblock. Next, a thick methylcellulose poultice was applied to the spine linings and spine adhesive. The softened adhesive was reduced with spatulas.
4. The textblock spine was re-lined with Uso Mino kozo tissue and Zen Shofu wheat starch paste. Once dry, the stuck-on endbands were pasted on top of the tissue lining.
5. A hollow tube of dove gray paper was constructed and adhered to the back of the textblock with a 1:1 mixture of PVA and methyl cellulose.
6. To strengthen the board attachment to the spine, the leather on the boards was lifted with lifting knives and the book was rebacked with a thick Sekishu tissue and wheat starch paste.
7. The lifted leather on the boards was pasted back down on top of the kozo paper and the original leather spine was pasted onto the back of the book with the 1:1 PVA/methyl cellulose mix. The book was wrapped with an Ace bandage and placed gently under light pressure in a standing press. Snake weights were applied on top of the spine to further encourage the leather to conform to the round spine.
8. Missing areas in the leather were filled by pasting layers of Okawara kozo tissue on top of each other with wheat starch paste to meet the height of the original leather.
9. The paper fills were inpainted with Golden and Liquitex acrylic paints. Texture was added to the paper fills using a pointed bonefolder and SC600 acrylic resin wax emulsion.
10. Cracking leather around the joints was repaired using Lascaux 498 HV to reduce the chances of leather from further fragmenting.
10. Uso Mino tissue was toned to match the endpapers with Liquitex and Golden acrylcs. The upper and lower inner endsheet joints were bridged with the toned Uso Mino tissue.

11. The inner margin crack along the title page was repaired with a mend of Uso Mino tissue and wheat starch paste.

**Housing Provided**
Corrugated clamshell

**Housing Narrative**

**Storage Recommendations and Handling notes**
Open book at an acute angle with a book cradle to prevent the brittle paper and leather from cracking during handling.

**TOTAL Treatment Time**
14.25 hours
The Preservation Lab

Treatment Report, cont'd

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