Title
A treatise on domestic economy, for the use of young ladies at home, and at school

Author
Beecher, Catharine Esther, 1800-1878.

DESCRIPTION:

General Remarks
This is a book written by Catharine Beecher, Harriet Beecher Stowe's sister, about her views on women's roles in society. Catharine was a strong advocate for women to receive higher education with more diversity.

Binding
The only remaining part of the binding is the upper board. The binding was once a half black leather case with 19th century pseudo-marbled paper and calfskin. This pattern of paper is referred to as 'Papier Tourniquet' by marbled paper historian and author, Richard Wolfe.

Textblock
The text block is sewn onto three recessed cords.

Primary Support
The text block paper is a machine made wove paper.

Medium
Printed black ink text.

Attachments|Inserts
N/A

CONDITION:

Summary
Because many parts of the cover are missing or detached, the fragile book is completely unsupported and vulnerable to damage during storage and handling.

Binding
The only extant component of the binding is the upper board which exhibits red rot and heavy surface dirt accumulation.
Textblock
The text block sewing appears intact and unbroken; however the spine linings and adhesive are brittle and actively deteriorating. This places severe tension on the sewing when opened, making it vulnerable to breaking.

Primary Support
The text block paper has discolored from light beige to brown. It is extremely brittle with numerous tears throughout.

Medium
The printed ink is stable.

Housing

Housing Narrative
N/A

Attachments|Inserts
N/A

Previous Treatment
No prior treatment is evident.

Materials Analysis
The spine adhesive is water soluble.

TREATMENT:

Proposal
1. Surface clean the dirtiest areas of the text block.
2. Mend major tears throughout the text block and fill losses at the front and back.
3. Remove the brittle spine adhesive and linings. Re-line with appropriate papers and cloth.
4. Hinge on new endsheets for casing in.
5. Recase the text block into new boards that resemble the old binding.

Housing Need
Corrugated clamshell

Factors Influencing Treatment
The lower board is lost. Rather than re-attaching the original board, the book will be cased into a new binding and housed together with the original board.

Performed Treatment
1. The detached front board was surfaced cleaned quickly with an Absorbene smoke sponge to remove loose dirt. [AS]
2. The text block was surface cleaned overall with vulcanized rubber smoke sponges. [VS, 3.5 hours]
3. Tears throughout the text block were repaired with Golden acrylic toned Tengujo kozo tissue and wheat starch paste. Losses in the back few pages were filled with acrylic toned Uso Mino tissue. [VS, 8.25 hours]
4. The brittle text block spine linings and adhesives were softened with a methyl cellulose A4M poultice and removed mechanically. [AS, 1.5 hrs]
5. The spine was lined with Uso Mino Kozo tissue and wheat starch paste. [0.5 hours]
6. End sheet folios were constructed and hinged onto the front and back of the text block with Usu Mino
tissue and Jade 403 PVA. [AS, 0.75 hrs]
7. A second lining of linen was attached to the spine that contained flanges. A third layer of Dove Gray machine made paper was adhered to the linen with Jade 403 PVA. [AS, 0.5 hrs]
8. The end sheets were trimmed to the height of the textblock and new boards were cut out of 60 pt. book board.
9. Canson Ingres #48 paper was brushed with a thick paste and toned/speckled with Golden Acrylics to resemble the original decorated boards. After it was dry, it was burnished with wax to give it the appropriate surface texture. A linen cloth was laminated with a Golden Acrylic toned Usu Mino tissue that was given a molded appearance of leather grain. [AS, 2 hrs]
10. The book was cased in using the cloth flanges. The spine and corners were covered with the leather grained cloth laminate. The boards were covered with the in-house made decorated paper. [AS, 3.25 hrs.]

**Housing Provided**
**Corrugated clamshell**

**Housing Narrative**
The original board was placed in a bottom tray with Volara bumpers as support. A second tray was created to house the binding on top, also nestled between Volara foam bumpers that were adhered with PVA. The two trays were housed together in a corrugated clamshell binding. [VS, 3.25 hrs]

**Storage Recommendations and Handling notes**
The book can now be safely handled and exhibited.

**TOTAL Treatment Time**
20.25 hrs