

SHIN BOOK & PAPER CONSERVATION

TREATMENT REPORT

1. Description & Condition

Image	Item #	Description
	Dimensions	Condition
	Item #1: Matriculation Book	Full leather binding with a previous leather reback and marbled paper endleaves.
	H 33cm W 21cm T 3.5cm	The binding is intact, but several sections are loose due to broken sewing threads.
	Item #3: J. S. Harter Photo Album	Carte-de-visite album in a textured dark brown cloth cover and one clasp at the fore edge. Thick, stiff leaves are hinged with textile tape and attached via spine adhesive and lining.
	H 15.5cm W 12cm T 2.5cm	The case is fully detached. The moiré flyleaves and the first leaf are loose, while the rest are intact. Facing papers are grimy with many tears.
	Item #4: C. H. Whitmore Photo Album	Carte-de-visite album with thick wooden boards and one clasp. Thick, stiff leaves are hinged to the board stubs with brown textile tapes.
	H 16cm W 13.5cm T 5.5cm	The original covering is missing, exposing the wooden boards. The boards are held together by later-added red textile tape on the spine. The front moiré flyleaf is taped down, while the back flyleaf is loose. The textblock leaves are intact but the facing papers have significant tears and broken pieces.
	Item #5: J. L. Browne Album	Carte-de-visite album in a full leather embossed cover and two clasps at the fore edge. Thick, stiff leaves hold two photos per side.
	H 14.5cm W 22cm T 6cm	The covers are fully detached but held together with black tape. All textblock leaves are detached, but in good condition with minor grime.
	Item #6: D. D. Benedict Album	Photo album in a full leather binding. The textblock leaves hold tintypes with inscriptions.

	H 22cm W 16cm T 2cm	The binding is intact but has black tape on the spine. A few sections have fallen out due to loose sewing. The leaves show surface grime.
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2. Treatment & Rehousing Report

Item #	Treatment & Rehousing Report	Treatment Hours
Matriculation Book	<i>(The treatment approach was modified from the original proposal. Instead of separating the textblock from the case, the loose sections were re-sewn in place, as the binding was otherwise sturdy and securely sewn, except for the two detached sections.)</i> - Reinforced the centerfolds of the innermost folio in the two loose sections using Uso Mino Thin and wheat starch paste (WSP). - Spot-sewed the loose sections in place using 18/3 linen threads and a curved needle, looping around the existing sewing supports. Thread ends were knotted at the spine. - Examined each section's sewing and reinforced any centerfolds with loose threads by adding a strip of Uso Mino Thin with WSP. - Reinforced the broken headband core by applying a dot of PVA at the broken ends and wrapping the area with Tengujo (5gsm) adhered with WSP.	4 hours
J. S. Harter Photo Album	- Surface cleaned individual leaves using cosmetic sponges. - Reattached the loose flyleaves to the textblock using Uso Mino Thin and wheat starch paste (WSP). - Mended tears on the facing papers with Tengujo (9gsm) and WSP. - Cleaned the inner spine of the cloth case using a 4% methylcellulose poultice. - Lifted the spine edges of the cloth and pastedown sheets from the boards to create space for inserting repair materials. - Toned a piece of handmade Okawara with Golden acrylics to match the cover color. Attached the toned piece to the interior of the cover spine. - Lined the textblock spine with Uso Mino Thin and a mix of WSP and methylcellulose ("the Mix"). - Attached a piece of Okawara with flanges to the spine using the Mix. - Reattached the original stuck-on endbands using the Mix. - Inserted and attached the Okawara flanges under the pastedown sheets using the Mix. - Reinforced the inner hinges with two layers of Uso Mino Thin and the Mix.	7 hours

C. H. Wetmore Photo Album	1. Removed the red and black tapes from the spine and endleaves mechanically. Covered the tape residue areas with Tengujo (5gsm) using wheat starch paste (WSP). 2. Toned Uso Mino Thin, Tengujo, and Okawara with Golden acrylics to match the brown fabric hinges and facing papers. Toned a piece of airplane linen for the new spine piece to match the color of the remaining original fabric on the board squares. 3. Mended tears on the endleaves and reattached them to the textblock using Uso Mino Thin, remoistenable Tengujo, and WSP. Filled losses on the flyleaves by attaching laminated layers of toned Okawara, Uso Mino, Tengujo, and Lascaux 498HV pre-coated Tengujo, adhered with WSP. 4. Mended tears on the facing papers using toned Uso Mino and WSP. Reattached any lifting areas with WSP. Filled large losses with toned Okawara and WSP. 5. Reinforced split fabric hinges with toned Uso Mino using WSP. 6. Lined the toned airplane linen with Uso Mino using WSP. 7. Cleaned the spine using a 4% methylcellulose poultice. 8. Removed the endbands from the spine. Repaired the tailband by wrapping its center with Uso Mino Thin adhered with WSP. 9. Lined the spine with Uso Mino using WSP as a reversibility layer. 10. Reattached the endbands to the spine using a mix of WSP and Lascaux 498HV ("the Mix"). 11. Lined a piece of muslin with Uso Mino Thin using WSP. Once dry, trimmed it to the size of the spine with flanges and attached it to the spine using the Mix. 12. Reassembled the case by attaching the toned linen piece to the wooden boards using the Mix. 13. Attached a spine inlay of two layers of Griffen Mill Falcon Laid to the interior of the spine piece using the Mix. 14. Attached the textblock to the case by inserting the linen flanges under the pastedowns, adhering with the Mix. 15. Reattached the loose inner hinge using the Mix.	16 hours
J. L. Browne Album	1. Mechanically removed the black tape from the spine. 2. Reduced adhesive residue by poulticing with 4% Klucel-G in ethanol. 3. Attached Tengujo (9gsm) over the tape residue on the pastedowns using wheat starch paste (WSP). 4. Surface cleaned each leaf using cosmetic sponges. 5. Mended tears on the facing paper with remoistenable Tengujo (5gsm). 6. Rehoused the loose photos in Mylar L-sleeves, kept their original position. 7. Made a four-flap wrapper with 10pt. cardstock to secure the textblock. 8. Toned a piece of muslin, Uso Mino Thin, and H-Ingres with Golden acrylics to match the leather cover. 9. Lined the toned muslin with the Uso Mino Thin using a mix of WSP and Lascaux 498HV ("the Mix"). 10. Lifted the edges of the leather cover and the pastedowns.	7 Hours

	11. Attached one side of the toned muslin under the lifted leather on the front cover using the Mix. The other side of the muslin was then attached under the lifted leather on the back cover. 12. Added a spine inlay of two layers of Griffen Mill Falcon Laid (110gsm) to the interior of the spine covering, attached with the Mix. The turn-ins at the head and tail were attached. 13. Attached the toned Ingres under the lifted pastedowns across the interior of the spine covering. 14. Reattached the original leather spine to the spine using the Mix.	
D. D. Benedict Album	1. Mechanically removed the black tape from the spine. 2. Reduced the adhesive residue by poulticing with 4% Klucel-G in ethanol. 3. Removed the leather spine from the textblock. 4. Disbound the textblock by separating the sections while recording the collation (see Appendix I). The textblock was originally sewn all-along with linen thread on three recessed cord sewing supports. Some sections were out of order and were returned to their correct positions according to the graphite folio numbers at the upper right corners. 5. Mended and reinforced damaged centerfolds with Uso Mino Thin and wheat starch paste (WSP). 6. Resewed the textblock all along on three cords with 25/3 linen thread. 7. Lined the spine with Uso Mino Thin and WSP as a reversibility layer. 8. Attached two layers of machine-made Okawara to the spine using a mix of WSP and Lascaux 498HV ("the Mix"), each layer extending to only one board under the lifted leather. 9. Toned a piece of handmade Okawara with Golden acrylics to match the leather cover. 10. Inserted and adhered the toned Okawara under the lifted leather on the front cover using the Mix. 11. Attached a spine inlay made of two layers of Griffen Mill Falcon Laid to the interior of the spine piece using the Mix. Added cords at the head and tail and made the turn-ins. 12. Inserted and adhered the remaining side of the toned Okawara under the lifted leather on the back cover using the Mix. 13. Reinforced the inner hinges with Uso Mino Thin and WSP. 14. Applied SC6000 to the new paper spine to give a slight sheen.	10 hours

3. Preservation Notes & Recommendations

- General Handling Guidelines:
 - Restrict opening to a 90° to 120° angle. Always use adjustable book cradles when accessing the contents. Adjust the support angle as needed to accommodate the tension of specific page openings.

- Nitrile gloves are recommended when handling photo albums, particularly if the layout is unfamiliar to the user. Gloves are highly recommended when handling volumes with metal clasps to prevent corrosion.
- Matriculation Book
 - Follow standard opening and cradling guidelines.
- J. S. Harter Photo Album
 - Contains metal clasps.
- C. H. Wetmore Photo Album
 - The wooden boards are not fully covered. Handle with extra care.
 - Current housing does not provide a good fit. A custom-fitted box is recommended. If stored vertically, a textblock support should be added to prevent structural strain on the binding.
 - Contains metal clasps.
- J. L. Browne Album
 - This volume consists of unbound leaves housed in a four-flap wrapper. Handle with extra care to maintain original order and avoid edge tears.
 - Contains metal clasps.
- D. D. Benedict Album
 - Follow standard opening and cradling guidelines.

4. Photo Documentation

All treated items were photo documented. Before and after treatment images are available in the links below. Photos will be retained for 30 days from the report date—make sure to download them before then. Please reach out if you have any trouble accessing the images.

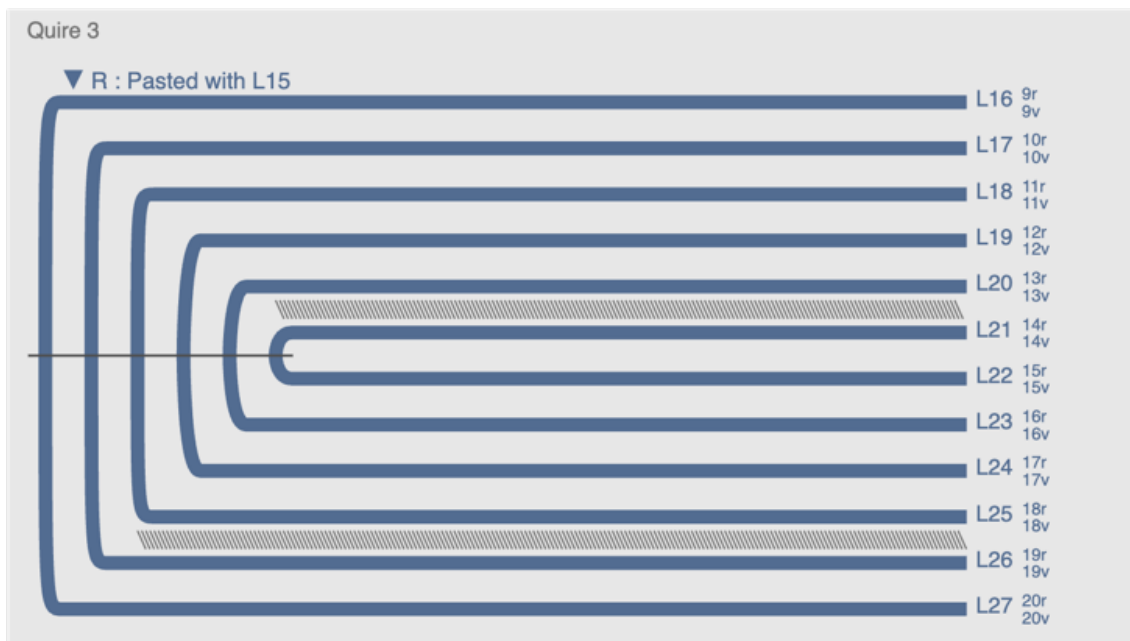
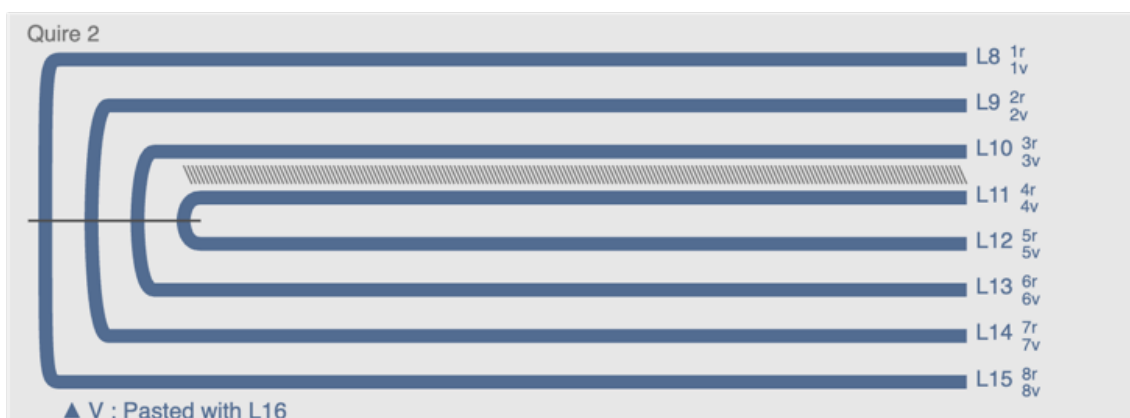
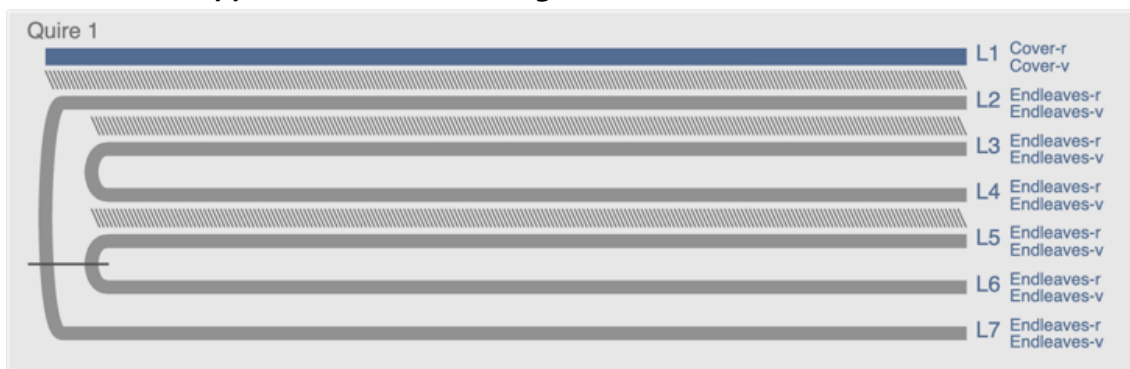
- Matriculation Book: <https://gofile.me/7zVq3/42DyITjKl>
- J. S. Harter Photo Album: <https://gofile.me/7zVq3/jTRIRILp5>
- C. H. Wetmore Photo Album: <https://gofile.me/7zVq3/xwJ3O8zOX>
- J. L. Browne Album: <https://gofile.me/7zVq3/Y4cfxvBZ8>
- D. D. Benedict Album: <https://gofile.me/7zVq3/Y81mdgYp1>

5. Materials Used

- Zen Shofu wheat starch paste
- 4% methylcellulose
- 4% Klucel G in ethanol
- Lascaux 498HV
- PVA
- SC6000
- Golden acrylics
- Uso Mino Thin 12 gsm
- Tengujo machine made 5 gsm & 9 gsm
- Lascaux 498HV precoated Tengujo (5gsm), reactivated with isopropanol and/or heat

- WSP+MC remoistenable Tengujo (59gsm), reactivated with deionized water
- Okawara handmade 60 gsm
- Okawara machine made 60 gsm
- Griffen Mill Falcon Laid 110 gsm
- H-Ingres White 90 gsm
- Airplane linen
- Muslin
- Linen threads 18/3 & 25/3

Appendix I: Collation Diagram for D. D. Benedict Album

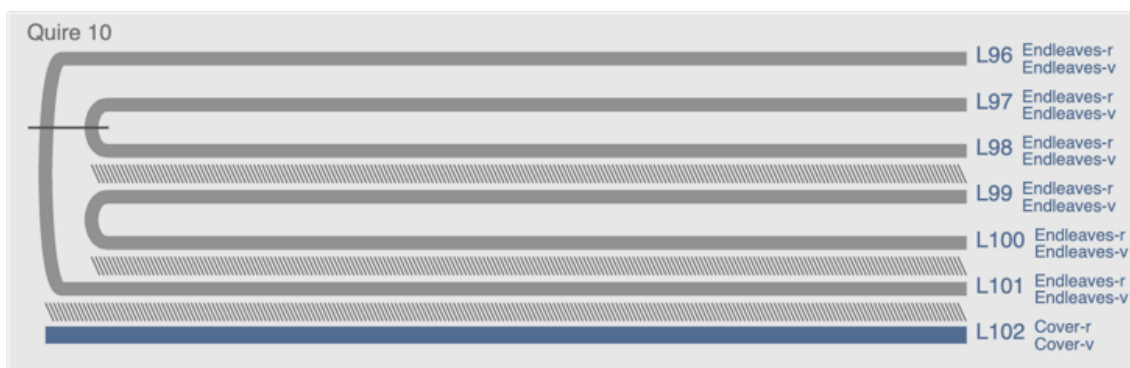
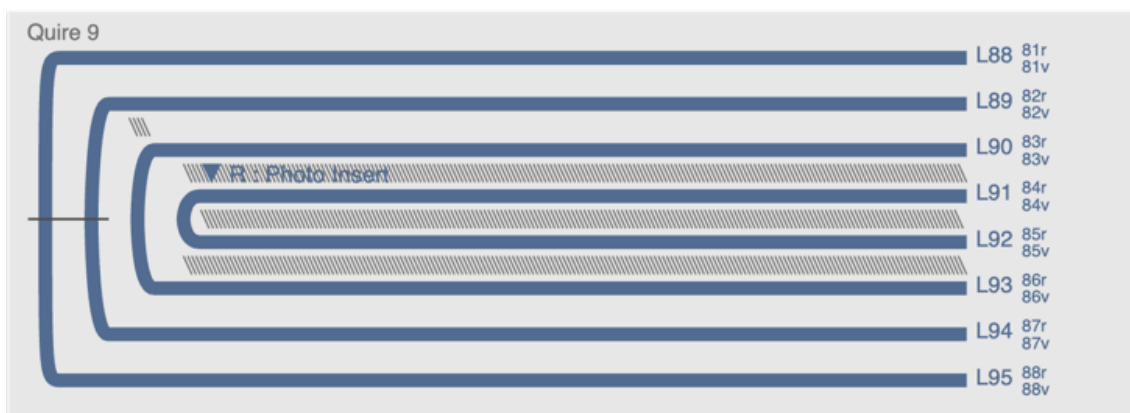
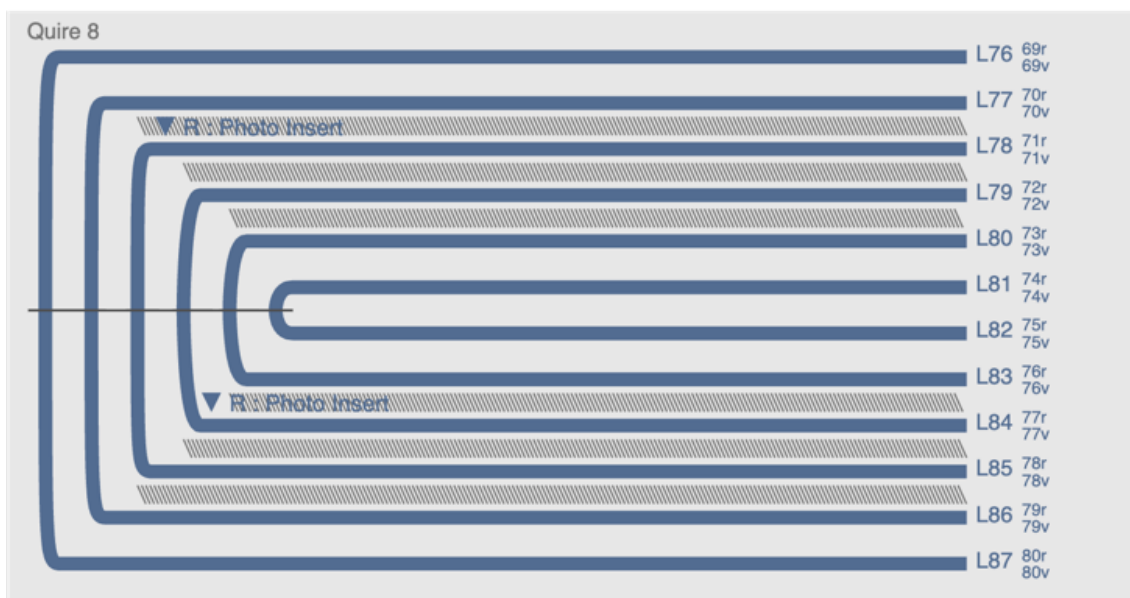






Treatment Report

Kenyon College, Photo Albums



Collated by Yungjin Shin, 3/6/2026