

Preservation Lab - Treatment Report

Database ID	Treatment ID	Item Record	Date received in Pres.	Conservator
783	144	i15978588	2/27/2013	Ashleigh Schiezszer
Department	Call Number	Date Returned to Origin		
Classics Library	GA304.Z5 P4 1929			

Title

Die Peutingersche Tafel; oder, Weltkarte des Castorius, mit kurzer erklär- 18 Kartenskizzen der überlieferten römischen Reisewege aller Länder und der 4 Meter langen Karte in Faksimile; neu Herausgegeben von Konrad Miller

Author

DESCRIPTION:

General Remarks

This is a later generation, printed version of the Peutinger table with accompanying text written in German. The Peutinger map is a road map showing the Roman Empire road network. The original Roman copy is no longer in existence. A 12th or 13th century copy of a Roman map is owned by the Austrian National Library. This medieval copy is named after a 15th-16th century owner of the map, Konrad Peutinger. The medieval copy is on a multi-section parchment scroll and might have originated from Southern Germany or Austria. The reason the map is believed to be a copy of a Roman map is because Rome is depicted in the center of this map, rather than Jerusalem which is more typical during this period, as well as showing cities no longer extant in the 12th or 13th century.

This 1929 lithographed version by Konrad Miller is a re-issued 1916 version of Konrad Miller's 1888 edition. The 1916 and 1929 version is reproduced at half its original size according to the book, *Rome's World: The Peutinger Map Reconsidered*, by R. Talbert. The 1887 version is two-thirds the size of the actual parchment scroll.

Binding

Black cloth covered library binding.

Textblock

The textblock also includes the original upper paper cover. It is oversewn and cased into the library binding. There is no evidence that an original lower paper cover was ever cased into the library binding.

Primary Support

Beige machine made paper.

Medium

Black printed ink overall.

Attachments | Inserts

A large fold out map, that measures over 6 ft long, is attached at the end of the textblock.

Housing

CONDITION:

Summary

The textblock and foldout map are in extremely poor condition. The book cannot be handled due to its fragile state, detached pages, and the potential for parts to become lost.

Binding

The cloth covered library binding contains dark brown acidic endsheets.

Textblock

There are small tears throughout. The original paper case is brittle and completely broken at the gutter from the inflexible oversewing. The textblock pages are in danger of suffering the same fate.

Primary Support

The paper is discolored with yellowing around the edges from acid migration.

Medium

Stable.

Housing

Housing Narrative

No prior housing

Attachments | Inserts

The folds in the fold out map are torn and/or fully detached.

Previous Treatment

The book's cloth binding is not contemporary to the text, indicating the book was sent to a Library Bindery to be placed in a hard case for protection. There does not appear to be any prior conservation treatment conducted.

Materials Analysis

Printed ink is not soluble in water.

TREATMENT:

Proposal

1. Remove book from damaging library binding.
2. Disbind to remove side-sewing.
3. Remove tattle tape from gutter of fold out map to prevent further damage.
4. Repair tears and breaks in the folds of the fold out map.
5. Repair textblock as needed.
6. Rebind into an appropriate cover to protect the binding during use. Since this is a book for the UC Classics department that gets checked out to graduate students and faculty, adhere a tattle tape in a non-damaging discrete location in the binding.

Housing Need

Tuxedo Box

Factors Influencing Treatment

Currently, the textblock and original paper cover are unable to be used due to the side oversewing of the textblock that has been cased into a library binding. This method of sewing and casing-in has caused break lines along the gutter of the brittle pages and impedes opening. In order to preserve the textblock and protect the book during use, the textblock will be reformatted to sew through the fold.

Performed Treatment

- 1.The textblock was removed mechanically from the library binding [AS 0.15 hrs]
- 2.Once removed, the tangled oversewing was cut with small scissors and removed with tweezers. [CV 0.5 hrs, AS 0.15]
- 3.The tattle tape attached to the lower leaf was removed mechanically by softening the pressure sensitive adhesive with localized heat from a Zephyrtonics air pencil and peeling it away from the paper. Remaining adhesive was reduced with a crepe eraser. [CV 1 hr]
- 4.The adhesive on the spine of the textblock was greatly reduced with spatulas and with poultices of thick methyl cellulose [CV 2.5 hrs]
- 5.The perforated gutter edges of the textblock leaves that were damaged from the oversewing were repaired with guards of Tengujo Thin kozo fibered tissue and Zen Shofu wheat starch paste. Tears and breaks in the fold out map were also repaired with Tengujo Thin tissue and wheat starch paste [3 hrs CV, 0.5 hrs AS]
- 6.The cover was surface cleaned overall with Absorbene smoke sponges. [AS]
- 7.The cover and gutter edge fragment was humidified overall by misting filtered water on both sides of the paper and allowing the paper to fully expand and relax.
- 8.The cover was immersed in filtered water baths adjusted to a pH of 7.5 with calcium hydroxide to remove soluble degradation products and reduce acidity in the paper. The cover was washed in a total of 6 baths and was dried in between felts. [1 hr. AS]
- 9.To reduce overall discoloration and darkening of the paper, the cover was humidified and sun light bleached outdoors for 1 hour and 30 minutes while immersed in a filtered water bath. A sheet of clear Plexiglas was placed over the bath to protect the paper from ultraviolet radiation. The cover was rinsed in a final bath of filtered water. [15 min AS]
- 10.Kozo fibered Uso Mino thin tissue was toned with Liquitex and Golden Acrylics to match the cover for mending. [0.5 hrs AS]
- 11.Because the cover paper was originally constructed from two sheets of paper felted together to form a thick cover paper, the detached gutter fragment of the cover was reattached to the rest of the sheet by locally delaminating the cover paper and fragment along the broken edge, and inserting an Uso Mino tissue in between the paper layers and adhering them back together with wheat starch paste. To further re-enforce the break line, toned Uso Mino tissue was adhered to the outside of the break line with wheat starch paste [0.5 hrs AS].
- 12.The repairs in the upper cover were further toned with Prismacolor colored pencils to blend the repair paper into the varying edge discolorations. [0.15 hrs AS]
- 13.Two folios of endsheets were constructed out of acid free paper. [0.25 CV]
- 14.Hinges, constructed out Uso Mino thinnest tissue, were adhered to the gutter edge of the cover and to the loose sheets of the textblock, and the folds of the endsheet folios with wheat starch paste in preparation for rebinding. [4 hrs, CV]

15. The hinges extending off of the gutter edge of all the loose sheets, the cover, and upper endsheets were grouped together and folded to form one gathering. The fold out map and lower endsheet hinges were grouped and folded the opposite direction and placed behind the group of upper hinges so the hinges of the fold out map and lower endsheets rested behind the upper pastedown. The ends of the hinges in the upper grouping of loose sheets, cover, and upper endsheets were positioned to sit in front of the foldout map. These hinges were folded back upon themselves and adhered together with wheat starch paste in order to create a thick folded paper stub to compensate for the thickness of the fold out map. An additional strip of 20 point library board was adhered on top of the stub as well to increase thickness. A four inch wide strip of Canapetta cloth was folded and placed along the back of the single gathering. All were sewn together through the fold with a 5-hole pamphlet stitch. [CV 1.25 hrs.]

16. The textblock was cased into a paper case constructed out of Cave Paper, 20 pt. library board, and double stick tape. The Cave Paper is drummed onto the library board. Similarly, the endpapers are drummed onto the case. A tattle tape was inserted into the spine of the cover. [0.75 A.S.]

17. A spine label was printed in gold onto Canson paper using the Kwik Print. [AS 0.5 hrs]

Housing Provided

Tuxedo Box

Housing Narrative

Storage Recommendations and Handling notes

The textblock has been repaired and sewn into a single folded gathering and cased into a paper case, allowing for safer handling in the future.

TOTAL Treatment Time

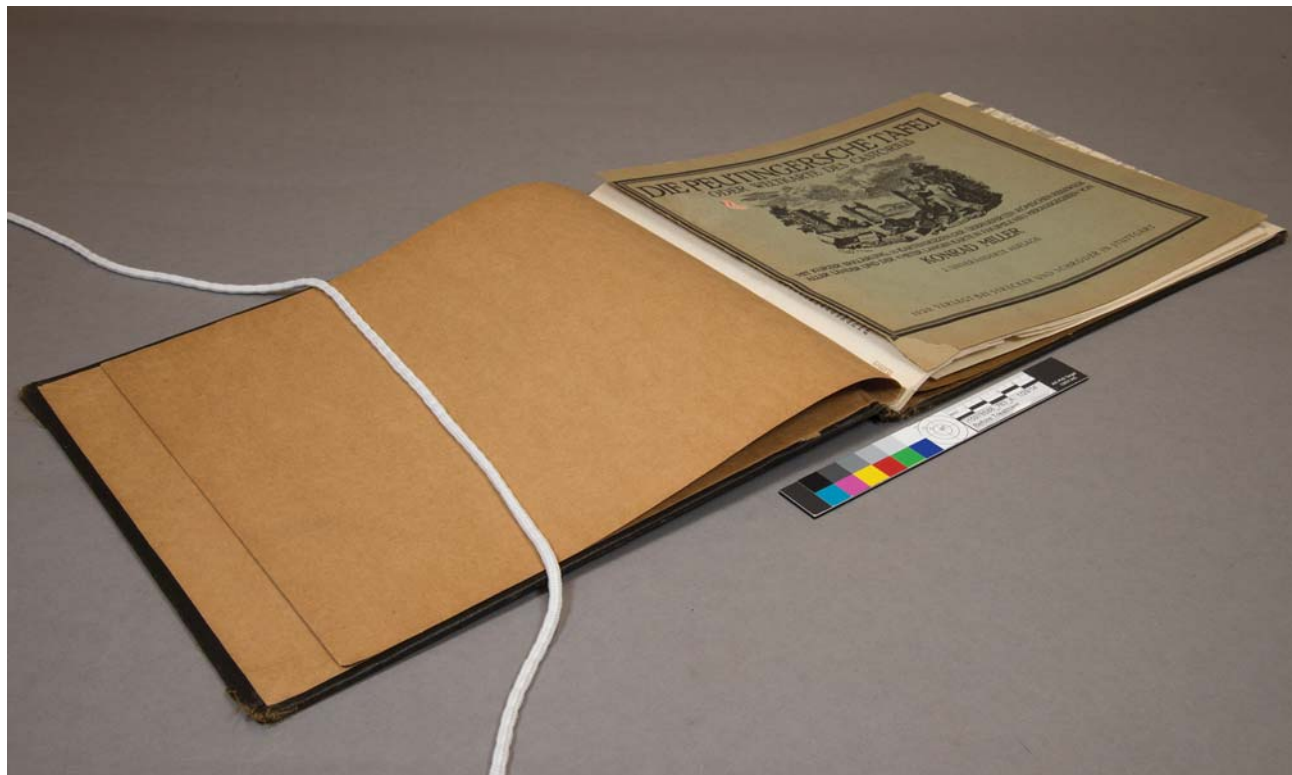
17 hours



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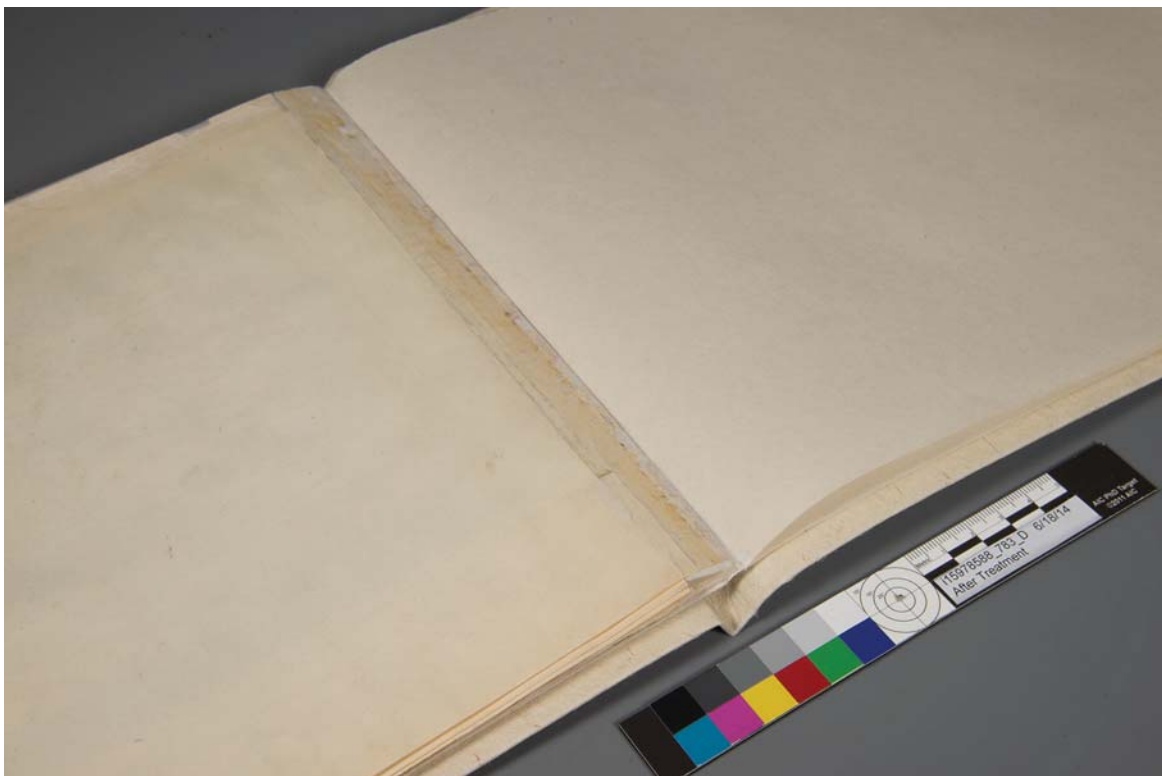
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