

# University of Iowa Libraries Conservation Treatment Report

---

<b>Call Number</b>	FOLIO DA70 .L47 Special Collections x-Collection	<b>Publication Date</b>	1735
<b>Title</b>	The naval history of England, in all its branches; from the Norman conquest in the year 1066, to the conclusion of 1734. Collected from the most approved historians, English and foreign, authentick records and manuscripts, scarce tracts, original journals, &c. ...	<b>Publisher</b>	London: Printed for J. Wilcox etc.
<b>Author</b>	Thomas Lediard	<b>Conservator</b>	Katarina Stiller
<b>Date Examined</b>	9/30/23	<b>Contact</b>	
<b>Date Returned</b>	2/15/24	<b>Language</b>	English
<b>Selection Method</b>		<b>Barcode</b>	31858066126982
<b>Format</b>	printed book; 2 volumes in 1	<b>Photography</b>	
<b>Housing</b>	none	<b>Ownership mark</b>	

---

**Context**           Compilation of English naval history from 1066-1734. The author, Thomas Lediard, was an English writer and surveyor.

## Media

- Black, printed text with engravings.

**Support**           (34.8 x 22.2 x 5.7) cm

- Handmade, laid, fine white paper.
- Textblock edges sprinkled red.
- Textblock is rounded and backed.

**Binding**           (35.9 x 24 x 6.7) cm

- Full leather tightback binding with laced on, suede boards.
- Boards are laminated, paper-based boards.
- Gold tooling on the spine and panel design tooling on the boards.
- Sewn on 5 raised cords.
- Blue and white endbands around cord.

## Presence of Foreign Substances

- Some surface dirt, mostly on exterior and textblock head.
- Some discoloration and foxing of first section of textblock.
- Minor loss on back flyleaves and pastedown from insect activity.

## Structural Change

- The front board and flyleaf are fully detached. The second flyleaf is loose.
- The back board is partially detached (one cord broken, 3 cords frayed).
- There are overall abrasions to suede boards with some minor loss and lifting around cord attachment points, board edges, and corners.
- The boards' outer corners are bent and delaminating.

# University of Iowa Libraries Conservation Treatment Report

## Treatment Proposal

1. Surface clean where appropriate with soft brushes or cosmetic sponges. Hinge on detached pages with wheat starch paste and Asian paper.
2. Board reattachment: “Elegant” tacket method ([see Emma Fraser JIC article](#)) on upper board to reduce use of adhesive and amount of leather to be lifted.
  - a. Have tackets near sewing stations for more discrete repair.
3. Adhere Asian paper at head and tail panels. For lower board, lift leather of spine cover at head and tail panels.
4. Either split board or lift pastedown where board meets head and tail panels.
5. Insert close weave cotton textile strips under lifted areas and adhere (strips do not need to be as wide as panels but should extend enough to attach to both spine and board).
6. Adhere delaminating board corners with wheat starch paste.
7. Adhere lifting leather (test in discreet area for the suede—will likely need adhesive with lower moisture content than wheat starch paste to avoid staining).

## Treatment

Objective: Stabilize for handling and reduce risk of dissociation by reattaching board.

1. Before treatment photography. (1 h)
2. Surface cleaned with soft brush and cosmetic sponges. (3 h)
3. Flattened creases with local humidification. Hinged on detached leaf and tightened loose page with Usu-Mino and wheat starch paste (wsp). (1 h)
4. Lifted head and tail panels nearest to the side of the lower board approximately 1 cm. The lower board was split where it meets with head and tail panels. (1h)
  - a. Prior to lifting, the tail panel was lined with heat set tissue activated with ethanol. This was to stabilize the thin, brittle leather layer as it was being lifted.
5. Adhered a strip of toned close weave textile at head and tail panels with wheat starch paste. (20 min)
6. Tacketed the upper board with 18/3 thread. (1.5 h)
7. Adhered inner hinge of 15 gsm Usu-Mino with wsp to upper and lower boards. (30 min)
8. Inpainted Usu-Mino on spine with Golden acrylics. (2.5 h)
9. Adhered lifted leather with wsp. (45 min)
10. Adhered 12 gsm Usu-Mino to outer hinges and board corners with wsp:pva mix and inpainted with Golden acrylics. (3.5 h)
  - a. The wsp:pva mix was used to reduce the moisture content of the adhesive since the suede leather was at risk of staining.
11. After treatment photography. (1 h)

## Materials

- Usu-Mino paper (12, 15 gsm)
- Wheat starch paste (Aytex P)
- Close weave textile
- 18/3 linen thread
- Golden acrylics
- Polyvinyl acetate (PVA)

## Housing

Phase box

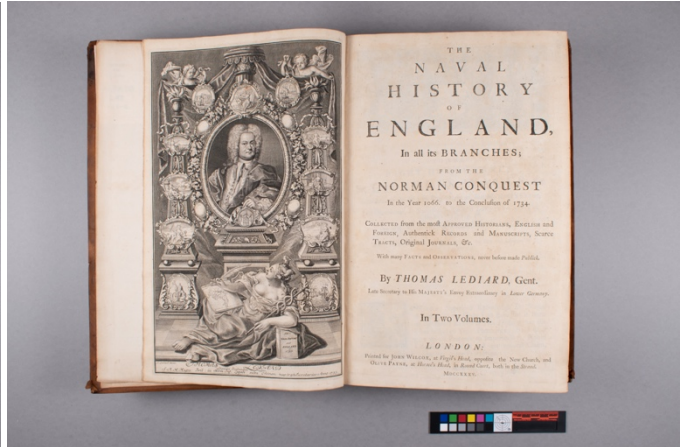
## Hours

<b>Examination, Documentation, and Treatment</b>	11 h 15 min
<b>Housing or Mounting</b>	30 min

**Total Treatment Hours** 11 hours 45 minutes

# University of Iowa Libraries Conservation Treatment Report

BT:



AT:



# University of Iowa Libraries Conservation Treatment Report

