

The object of restoration of books is not only to make them whole again or objects of beauty but to make them useable to readers or researchers. So that it is ~~is~~ important to match the paper exactly in color or texture but more important to repair it so that it is not thicker, to arrest the tears or damage of bugs insects, to remove frayed edges of burn pages & to save as much as possible of the written words so that the pages can again be bound into a book & therefore used by students.

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Per potersi intendere tutte le loro manifestazioni
e le fasi di sviluppo, è necessario identificare
le cause che le determinano e gli agenti che esercitano
la loro opera deleteria. Essi sono di due specie:
a) fisici, b) biologici. Gli agenti fisici sono
essenzialmente quelli del clima (umidità,
temperatura, pressione, aerazione, insolazione).
Quelli biologici sono l'uomo, il topocasting,
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Repairing the Book of Kells by Roger Powell

sewing on 5 double cords + the head ^{parchment} bands. Special thread, was used, laced into oak boards

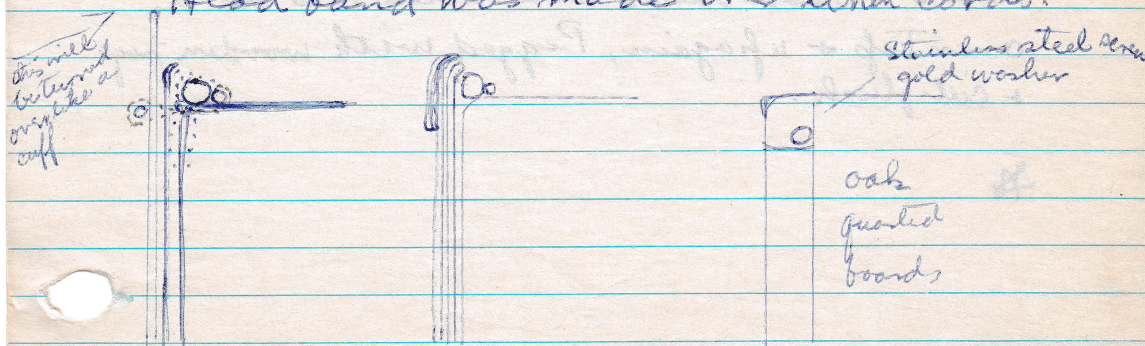
Stitching strips of Irish linen, specially made, over weak spots, after stitching, they were ~~shown~~

The unusual headbands are tied-down at the middle of every section. The head is formed behind the spine, instead of the usual position. The secondary sewing (red dotted line) over 'cello string, joins the cover to the leaves at head + tail, and includes an extra pad of leather protecting the spine covering. The three holes indicate the third Gospel, Luke. There is no other titling.

Alum. tanned white Pig skin used. It is very supple. Book was not glued to pig skin. Skin only glued to boards.

Boards of oak cut - quartered, like a pie is cut. Cords + headbands laced into boards into + out again. Pegged with wooden pegs + cut flush. Covered by skin.

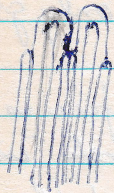
Head band was made over linen cords.



Board was beveled to make room for leather

Four books each fits into a wooden drawer with flat strap handle so that there will be no danger of the books being dropped when taken out of case. Case is kept in safe + one book is taken out each ~~night~~ day opened at a different page + shown in glass case.

The drawers + case have air spaces all around. The case is also a thing of beauty. Many of the ~~cases~~ ^{sections} had had to be repaired - almost all so this caused a great deal of swelling. To overcome this R.P. inserted between each plain ~~padding~~ ^{padding} volume, not as wide as original book + sewn on a linen strip that rounded the section.



Cords + head bands were laced into board over top + up again, Pegged with wooden pegs + cut flush.

~~2~~

Powell

Builds up boards using 3 boards - all even at fore-edge, top & bottom - middle board $\frac{1}{2}$ inch shorter at joint so that tapes, super & linen joint slip in. The middle board should not be thicker than the tapes, super & linen combined.

R.P. always sews linen hinge on end-paper when making french hinge - about 1 in. wide.

Sews his end-papers.

In making head-bands usually makes them of solid color with exception of small section in center of different color. 

Cases - were well made - strong but no thing of beauty - lined with grey cotton flannel.

Chemise - Used Cockerell paper - lined with red cotton flannel - Neither paper or cloth in harmony with beautifully bound books.

Power hack saws are good to be made into paring knives 

He also uses spoke shave with flat sole both corners of blade is ground round so as not to jab & cut leather.

Uses electric soldering iron to print with gold.

No leather hinges does not use them.

R.P. showed me a head band from a
16th century book he had rebound.
It had false head band! It was a
German book in white pig skin.

Mentioned a Mr Hofer from Harvard Univ.
who buys books.

Niger Goat - from Imperial Institute

Anthony Gardner

When sewing thick books insert card-board
at the quarter of sewing, to keep sewing level
insert in next to last fold

to remove scotch tape ^{from paper} use AMYL ACETATE
dampen on with ball of cotton - it gets sticky -
• keep removing

With calf. dress underside & top of calf
with celluloid collodion

When repairing hinge, putting in new back
when calf is lifted - paste might mark it so
use celluloid collodion
Coral picture varnish

Pupil of A.G.

Anne Weeks has two books in Craft Show
in New York.

Sews his leather hinge with end paper.