

Mappa mundi of Henry of Mainz, Cambridge, 12th century - Miller, Mappaemundi II, Plate 13

OLD MAP STUDIO · RESTORATION PASSPORT



Mappamundi des Heinrich von Mainz, in Cambridge.
(C.C.C. LXVI) 12. Jahrh.

Dieselbe Karte restituirt in Mappaemundi Heft III, Tafel 2.
Beschreibung in Mappaemundi Heft III.

THE SHEET

Cartographer

Konrad Miller (1844-1933), editor; the medieval original is anonymous

Credits	Konrad Miller (1844-1933), editor; Jos. Roth'sche Verlagshandlung, Stuttgart, publisher; collotype plate (the atlas is titled 'Atlas von 16 Lichtdruck-Tafeln')
Imprint	Stuttgart : Jos. Roth'sche Verlagshandlung, 1895 (catalogue record); on the plate: 'Miller, Mappaemundi II.' and the plate number
Year	1895
Technique	collotype (Lichtdruck) facsimile - named in the title of the atlas, 'Atlas von 16 Lichtdruck-Tafeln', uncoloured (monochrome collotype)
Source	ETH Library Zurich, Rar K 257: 2, e-rara.ch record 11583321 (plate 13, page 11583338), DOI 10.3931/e-rara-38523 https://www.e-rara.ch/zut/content/titleinfo/11583321 · e-rara PD Miller facsimile
Notes	Plate caption as printed: 'Mappamundi des Heinrich von Mainz, in Cambridge. (C.C.C. LXVI.) 12. Jahrh.' Header on the plate: 'Miller, Mappaemundi II.' and 'Tafel 13.' Small print at lower right refers to the same map in Mappaemundi Heft III (restored version) and its description there. The plate is an 1895 collotype facsimile of a medieval manuscript map published by Konrad Miller; the manuscript itself is held by the library named in the caption, not by ETH. Catalogue record (read 2026-10-02): Die ältesten Weltkarten / herausgegeben und erläutert von Dr. Konrad Miller; 2 (1895) Atlas von 16 Lichtdruck-Tafeln; Stuttgart : Jos. Roth'sche Verlagshandlung, 1895; 16 Taf.; ETH Library, Rar K 257: 2; DOI https://doi.org/10.3931/e-rara-38523 ; licence Public Domain Mark. ETH asks users to cite author, holding library and persistent identifier and to notify the library of the web address where the copy is used.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 233.95, warmth 31.0.
- Scanner edge removed: top 97, bottom 81, left 68, right 89 px. No mount board: the sheet was scanned on its own.
- The drawn line deepened by a monotone tone curve; ink area changed by 0.99× — the lines are darker, not thicker.
- Owner marks: No library stamps or shelf numbers are visible on this plate. Marks inside the facsimile image belong to the reproduced medieval manuscript and were left untouched.

WHAT WAS NOT DONE

- no map content added, removed or redrawn
- no retouching over the original ink
- no change of proportions
- no global filter
- paper neither bleached white nor tinted
- authenticity marks kept: deckle edge, honest patina

MEASURED ON RELEASE

The line is deep, not thickened	ink core 18 of 255 · ink area 0.99× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.00% crushed to black
The paper is even across the whole sheet	level 234 · unevenness 5.47, where 4 is the limit
The paper is warm — neither bleached nor tinted	R–B 31, inside the 24–40 band of the studio standard (paper tone D)

Paper texture is kept, not smoothed away	1.02 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.92× the source · halo 0.00%
Nothing of the archive is left behind	stains 0.00% · specks 0.00%

Engine revision 8, standard revision 7.1. Every criterion, with its target and the measured value, is listed in the record below.

WHAT IS IN THE ARCHIVE

583-miller-aelteste-weltkarten-tafel-18-1895-full-300dpi.jpg	16.4 MB
583-miller-aelteste-weltkarten-tafel-18-1895-trim-300dpi.jpg	14.1 MB
formats/583-miller-aelteste-weltkarten-tafel-18-1895-3x2-300dpi.jpg	21.7 MB
formats/583-miller-aelteste-weltkarten-tafel-18-1895-4x3-300dpi.jpg	19.2 MB
formats/583-miller-aelteste-weltkarten-tafel-18-1895-5x4-300dpi.jpg	19.3 MB
formats/583-miller-aelteste-weltkarten-tafel-18-1895-iso-300dpi.jpg	20.9 MB
583-miller-aelteste-weltkarten-tafel-18-1895-passport.pdf	this document

Six print files and this passport, 112 MB in total, delivered as six separate ZIP archives (one print file, the passport and a READ ME in each). Nothing else: the catalogue previews and the 1:1 detail crops shown on the shop page are not padding out this archive — any crop you want is already inside the full-resolution file.

Largest print at 300 dpi: 38.8 × 52.6 cm. At 240 dpi: 48.5 × 65.8 cm. At 200 dpi, still sharp on matte paper at arm's length: 58.2 × 78.9 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	18.0	2-22
black point (full resolution)	8.0	2-14
white point	241.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	233.95	227-237
paper evenness across the sheet	5.47	0-4
paper warmth R-B	31.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	1.02	0.60-1.00
edge sharpness vs source	1.92	>= 1.00
halo around lines	0.0	0-2
ink area vs source	0.99	0.90-1.12
absolute edge sharpness	448.51	>= 20

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