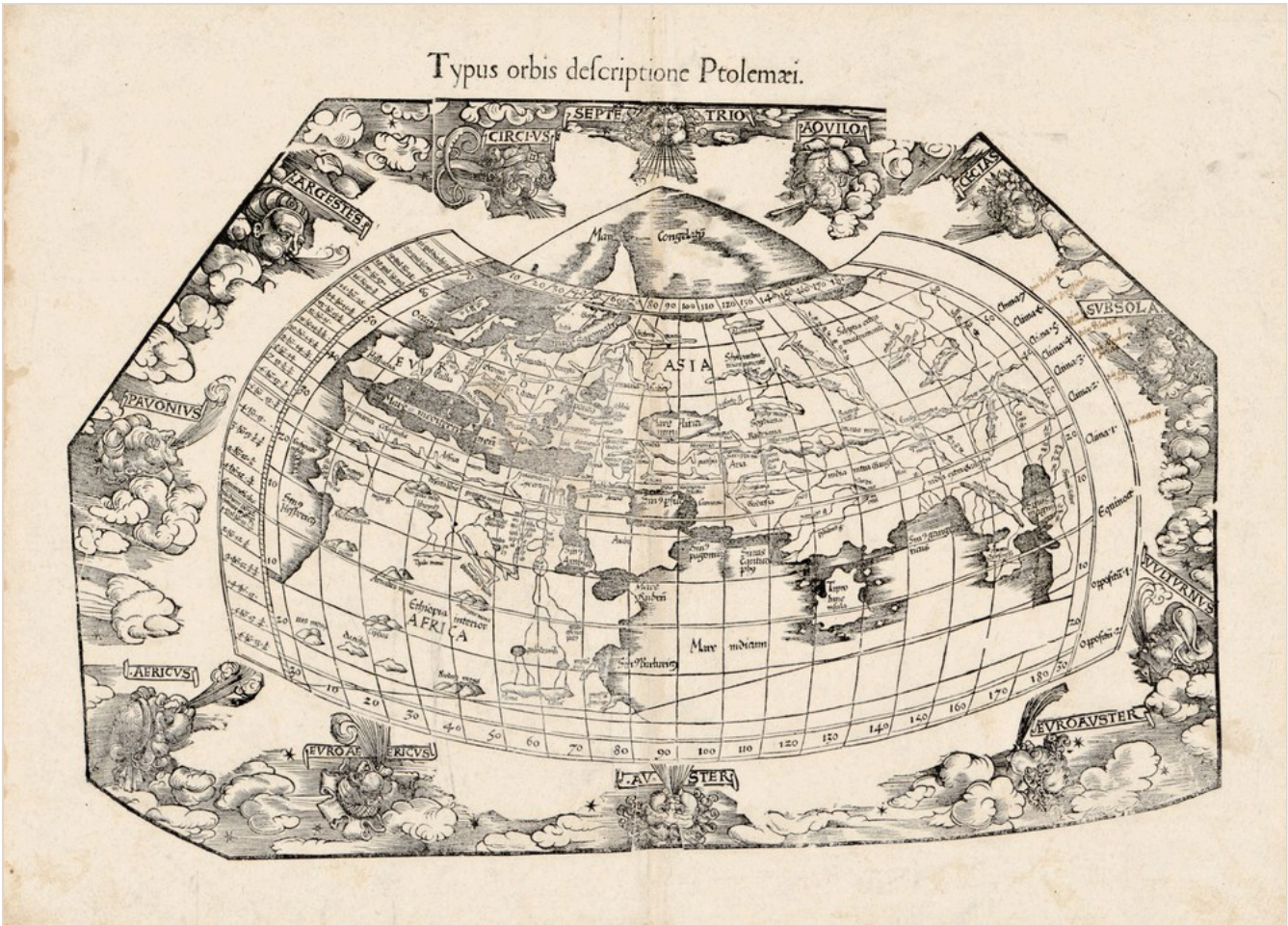


Typus Orbis Descriptione Ptolemaei

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Lorenz Fries (ca. 1490-1531); printed by Gaspard Trechsel
Credits	Lorenz Fries (ca. 1490-1531), cartographer; Gaspard Trechsel (active 1529-1549), printer; after Ptolemy (active 2nd century)
Imprint	[Vienne]: [Gaspard Trechsel], [1541]
Year	1541
Technique	woodcut, no colouring stated in the record; this copy is an uncoloured impression
Source	Library of Congress, Geography and Map Division, G3200 1541 .F82, LCCN 2017585807 https://www.loc.gov/item/2017585807/ · LoC no known restrictions
Notes	Relief shown pictorially. Woodcut, appearing in the 1541 edition of Ptolemy's Geographia. Includes wind illustrations. The Library of Congress copy is mounted on cloth and laminated.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 235.65, warmth 31.0.
- Scanner edge removed: top 0, bottom 0, left 0, right 0 px. No mount board: the sheet was scanned on its own.

- The printed line deepened by a monotone tone curve; ink area changed by 0.99× — the lines are darker, not thicker.
- Owner marks: On the lower blank margin a blue library stamp «0 674» and a pencil note were removed; on the upper blank margin a handwritten ink pagination «204» was removed as well. Both spots were closed with clean paper texture taken from the same sheet, outside the printed image. The brown manuscript notes on the map itself (climata, «via Roma») are original to this copy and were kept. Foxing spots were reduced. Faint traces may remain at 1:1.

WHAT WAS NOT DONE

- no map content added, removed or redrawn
- no retouching over printed 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 13 of 255 · ink area 0.99× the source
Nothing is burnt out at either end	0.00% of the sheet clipped to white · 0.01% crushed to black
The paper is even across the whole sheet	level 236 · unevenness 3.67, 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	1.12 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.43× 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

233-typus-orbis-descriptione-ptolemaei-1541-full-300dpi.jpg	22.9 MB
233-typus-orbis-descriptione-ptolemaei-1541-trim-300dpi.jpg	20.7 MB
formats/233-typus-orbis-descriptione-ptolemaei-1541-3x2-300dpi.jpg	21.5 MB
formats/233-typus-orbis-descriptione-ptolemaei-1541-4x3-300dpi.jpg	21.2 MB
formats/233-typus-orbis-descriptione-ptolemaei-1541-5x4-300dpi.jpg	21.9 MB
formats/233-typus-orbis-descriptione-ptolemaei-1541-iso-300dpi.jpg	20.9 MB
233-typus-orbis-descriptione-ptolemaei-1541-passport.pdf	this document

Six print files and this passport, 129 MB in total, delivered as six separate ZIP archives (one print file, the passport and a README 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: 51.5 × 36.9 cm. At 240 dpi: 64.3 × 46.1 cm. At 200 dpi, still sharp on matte paper at arm's length: 77.2 × 55.4 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	13.0	2-22
black point (full resolution)	5.0	2-14
white point	243.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.01	0
paper level	235.65	227-237
paper evenness across the sheet	3.67	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	1.12	0.60-1.00
edge sharpness vs source	1.43	>= 1.00
halo around lines	0.0	0-2
ink area vs source	0.99	0.90-1.12
absolute edge sharpness	476.18	>= 20

Restoration © Old Map Studio, 2026-10-01. The original map is in the public domain. This passport records what was measured, not what was hoped for.