

Tabula Selenographica

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer

Johann Gabriel Doppelmayr (designer); published by Johann Baptist Homann and heirs, Nuremberg

Credits

Anonymous (engraver); Johann Gabriel Doppelmayr (1677-1750), designer; Johann Baptist Homann (1664-1724) and heirs, publisher

Imprint

Opera Ioh. Baptistae Homanni, Norimbergæ (read from the sheet itself at 1:1)

Year

1702-1742

Technique

Engraving and etching, uncoloured (black and white impression)

Source

Rijksmuseum, Amsterdam, object RP-P-AO-29-6 (scan published as CC0 via Wikimedia Commons)

<https://www.rijksmuseum.nl/en/collection/RP-P-AO-29-6> · Original: public domain (CC0 / Public Domain Mark), Rijksmuseum, Amsterdam. Restoration (c) Old Map Studio.

Notes

Two moon discs side by side, the left after Hevelius and the right after Riccioli, with both nomenclatures lettered on the plate. Below the discs a diagram of the lunar phases and three scale

bars (Milliaria Germanica, Digiti Eclipsis); below the plate three columns of letterpress Latin text on the lunar spots and their observation, which are inside the trim frame. Designed by Johann Gabriel Doppelmayr; published by Johann Baptist Homann and his heirs, Nuremberg.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.13, warmth 32.0.
- 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 0.92× — the lines are darker, not thicker.
- Owner marks: The sheet carries no library stamps. The museum inventory number RP-P-AO-29-6 is written in pencil on the lower left margin; it lies outside the trim frame, so it does not appear in the map file and was left untouched on the sheet. 61 small specks of dirt were removed from the paper (9 inside the frame, 52 on the margins); no printed line was retouched and no part of the engraving was redrawn.

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: plate mark, deckle edge, honest patina

MEASURED ON RELEASE

The line is deep, not thickened	ink core 7 of 255 · ink area 0.92× 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 234 · unevenness 4.77, where 4 is the limit
The paper is warm — neither bleached nor tinted	R-B 32, inside the 24–40 band of the studio standard (paper tone D)
Paper texture is kept, not smoothed away	0.90 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.28× 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

419-kaart-van-de-maan-tabula-selenographica-1702-full-300dpi.jpg	14.3 MB
419-kaart-van-de-maan-tabula-selenographica-1702-trim-300dpi.jpg	14.2 MB
formats/419-kaart-van-de-maan-tabula-selenographica-1702-3x2-300dpi.jpg	15.6 MB
formats/419-kaart-van-de-maan-tabula-selenographica-1702-4x3-300dpi.jpg	14.2 MB

formats/419-kaart-van-de-maan-tabula-selenographica-1702-5x4-300dpi.jpg	14.2 MB
formats/419-kaart-van-de-maan-tabula-selenographica-1702-iso-300dpi.jpg	15.0 MB
419-kaart-van-de-maan-tabula-selenographica-1702-passport.pdf	this document

Six print files and this passport, 87 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: 42.5 × 35.5 cm. At 240 dpi: 53.1 × 44.4 cm. At 200 dpi, still sharp on matte paper at arm's length: 63.7 × 53.2 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	7.0	2-22
black point (full resolution)	5.0	2-14
white point	241.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.01	0
paper level	234.13	227-237
paper evenness across the sheet	4.77	0-4
paper warmth R-B	32.0	24-40
residual stains, %	0.0	0-0.2
residual specks, %	0.0	0-0.5
paper texture kept vs source	0.9	0.60-1.00
edge sharpness vs source	1.28	>= 1.00
halo around lines	0.0	0-2
ink area vs source	0.92	0.90-1.12
absolute edge sharpness	721.18	>= 20

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