

Orbis Terrarum Descriptio Duobus Planis Hemisphaeriis Comprehensa

OLD MAP STUDIO · RESTORATION PASSPORT



THE SHEET

Cartographer	Nicolaes Geylekerck (d. ca. 1657); published by Jan Janssonius
Credits	Nicolaes Geylekerck (d. ca. 1657), cartographer; Jan Jansz. / Joannes Janssonius (active 1597-1630), publisher, Amsterdam
Imprint	Amstelodami: Excudebat Joannes Janssonius, 1618
Year	1618
Technique	Not stated in the record
Source	Library of Congress, Geography and Map Division, G3200 1618 .G4, LCCN 2017585805 https://www.loc.gov/item/2017585805/ · LoC no known restrictions
Notes	Includes notes and illustrations, among them the garden of Eden, the last judgement and the four seasons. The Library of Congress copy is mounted on paper, with staining and pin holes; a French map of the North Pole is affixed to the verso with a manuscript commentary.

WHAT WAS DONE

- Paper levelled and toned to the studio standard: level 234.91, warmth 32.0.
- Scanner edge removed: top 50, bottom 40, left 30, right 70 px.
- The printed line deepened by a monotone tone curve; ink area changed by 1.01× — the lines are darker, not thicker.
- Owner marks: No library stamps and no pencil shelf marks were removed. Three faint marks on the paper margins were found and left as they are. Foxing on the paper was reduced (37 spots). Only the black scanner edge was trimmed back (50/40/30/70 px).

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 16 of 255 · ink area 1.01× 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 235 · unevenness 4.64, 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	0.94 of the grain the archive scan itself had
Lines are sharper than the scan, with no halo	1.35× 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

038-orbis-terrarium-descriptio-duobis-1618-full-300dpi.jpg	34.5 MB
038-orbis-terrarium-descriptio-duobis-1618-trim-300dpi.jpg	33.0 MB
formats/038-orbis-terrarium-descriptio-duobis-1618-3x2-300dpi.jpg	34.6 MB
formats/038-orbis-terrarium-descriptio-duobis-1618-4x3-300dpi.jpg	33.0 MB
formats/038-orbis-terrarium-descriptio-duobis-1618-5x4-300dpi.jpg	34.0 MB
formats/038-orbis-terrarium-descriptio-duobis-1618-iso-300dpi.jpg	33.7 MB
038-orbis-terrarium-descriptio-duobis-1618-passport.pdf	this document

Six print files and this passport, 203 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: 57.3 × 42.7 cm. At 240 dpi: 71.6 × 53.4 cm. At 200 dpi, still sharp on matte paper at arm's length: 86.0 × 64.1 cm.

APPENDIX: THE FULL ACCEPTANCE RECORD

ink core density, 0-255	16.0	2-22
black point (full resolution)	8.0	2-14
white point	243.0	237-244
clipped highlights, %	0.0	0
crushed shadows, %	0.0	0
paper level	234.91	227-237
paper evenness across the sheet	4.64	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	0.94	0.60-1.00
edge sharpness vs source	1.35	>= 1.00
halo around lines	0.0	0-2
ink area vs source	1.01	0.90-1.12
absolute edge sharpness	474.62	>= 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.