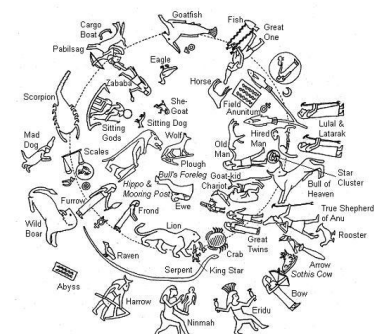
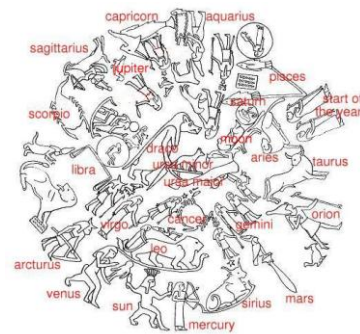


Classical (for domes and vaults, see Decorative Cycles)

Planispheres



planisphere

From Denderah, 1st c BC (Ptolemy XII)

now in Paris, Musée du Louvre, 6th -2nd C BC

Classical (for domes and vaults, see Decorative Cycles)

Planispheres



planisphere
marble, 6th -2nd C BC
Athens, Ethniko Archiologiko Mouseio
photo and diagram : C Matthew (cf: Matthew 2025)

red = zodiac; yellow extra-zodiacal constellations; black = decans



Anaphoric clock dial (fragment)
Bronze, 2nd C
Salzburg, Salzburger Museum

n.b.: with Andromeda, Triangulus, Perseus, and Auriga,
with Aries, Taurus and Gemini at the edges



alternate reconstructions

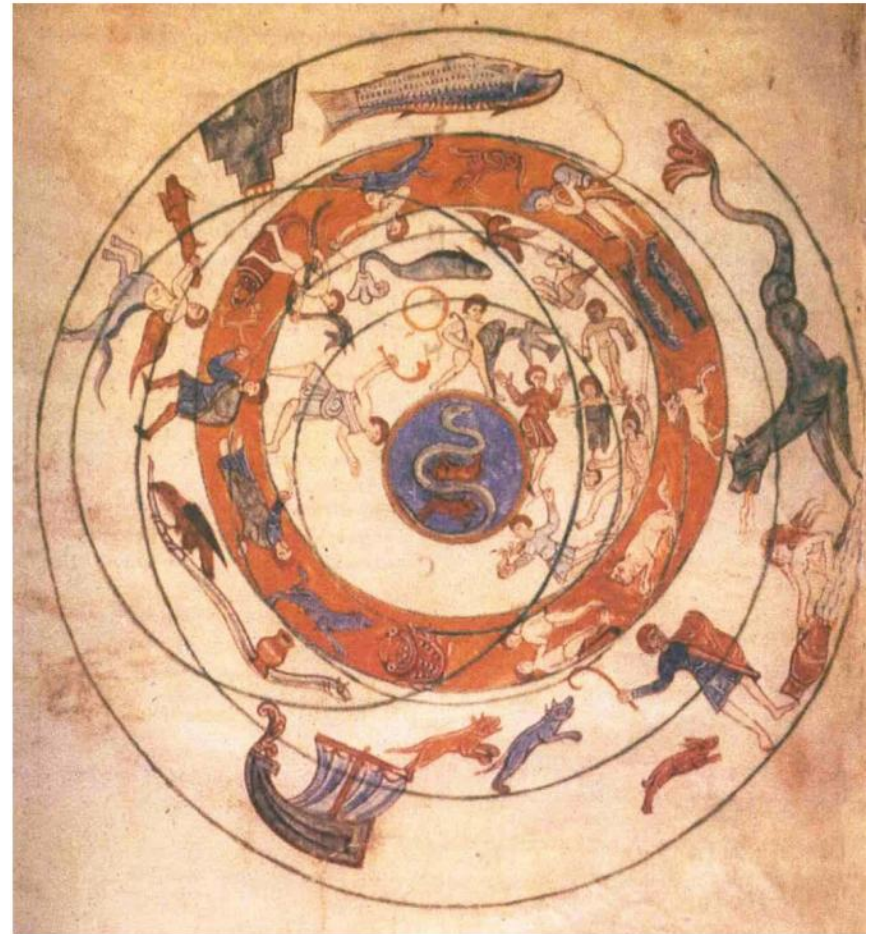
Germanicus

(for the most recent study of the medieval planispheres, see Dekker 2013)

Planispheres



Boulogne-sur-Mer, Bib Mun
Ms 188, fol. 20r
Northern France (St Omer), 10th C
cf: Lippincott 2024



Bern, Burgerbibl. Ms 88, fol. 11v
Northern France (St Omer ?), end 10th C – early 11th C

II.



Basel, Univ-bibl. Ms AN. IV. 18,
detached folio
Fulda, 820-30

III.



Aberystwyth, NLW Ms 735 C, fol. 20v
Limoges or Fleury (?). c. 1000
cf: Lippincott 2019



fol. 41r (connection to *Liber floridus*?)

Germanicus – ‘Siciliensis’ mss

IV. Madrid 19 = missing from manuscript

Va.



Cologne, Bib Bodmer
Cod lat 7, fol. 2v



NY, Pierpont Morgan Libr
Ms M 389, fol. 3v

Vb.



Vatican, BAV
Barb lat 76, fol. 3r

VI.



London BL Egerton 1050

VII.



London, BL
Add Ms 15819, fol. 3r



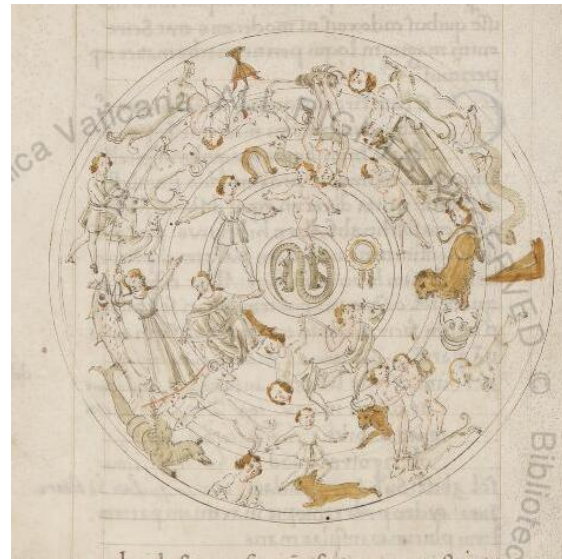
Naples, Bib naz
Ms XIV D 37, fol.

Germanicus – ‘Siciliensis’ mss

VIIIa.



Madrid Bib Nat
Ms 8282, fol 2v



Vatican, BAV
Barb lat 77, fol. 2v
cf. *Vedere i classici*, cat no 10.



Vienna, Schottenstift
Ms 51, fol. 3r

Germanicus – ‘Siciliensis’ mss

Planispheres

VIIIb.



Vatican, BAV
Urb lat 1358, fol. 3r

VIIIc.



Florence, Bibl Laurenziana
Plut 89 sup 43, fol. 4r

VIII d.



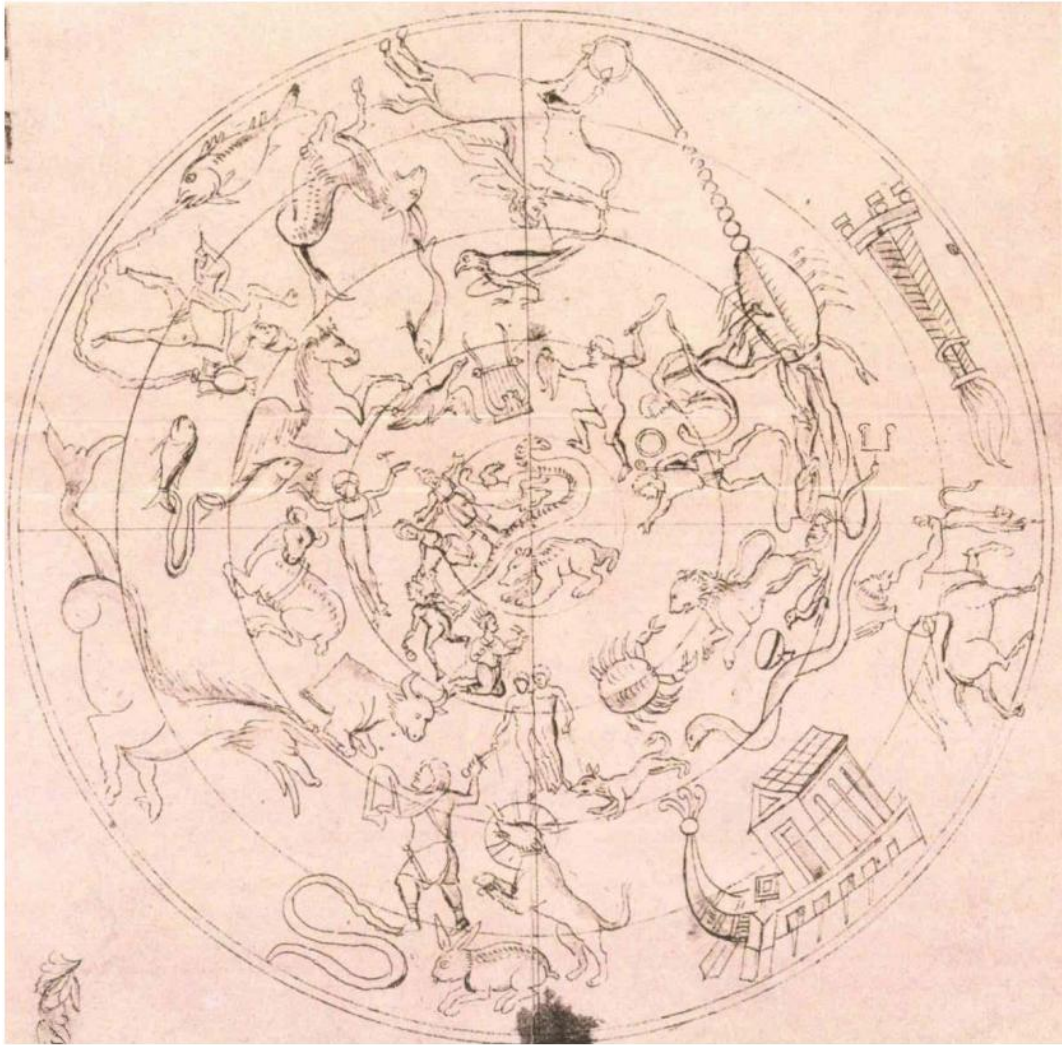
Montpellier
Ms H 452

Matteo Palmieri, *Citta di Vita*



Florence, Bibl Laurenziana
Ms Plut 40, 53, fol. 41v





Vatican, BAV
Vat grec 1087, fol. 310v
Byzantium (Constantinople), 1330s



London, BL
Harley Ms 647, fol. 21v
English, 9th -10th C



Vatican, BAV
Reg lat 123, fol. 205r
Spain (S Ma Ripoll), 1056

Cyclus secundum Dionysium



Berlin, Staatsbibl.
Ms lat 129 (Phill. 1830), ff. 11v-12r
France (Laon), 9th C

Planispheres



Drawing of planisphere
cf Thiele 1888, p. 163



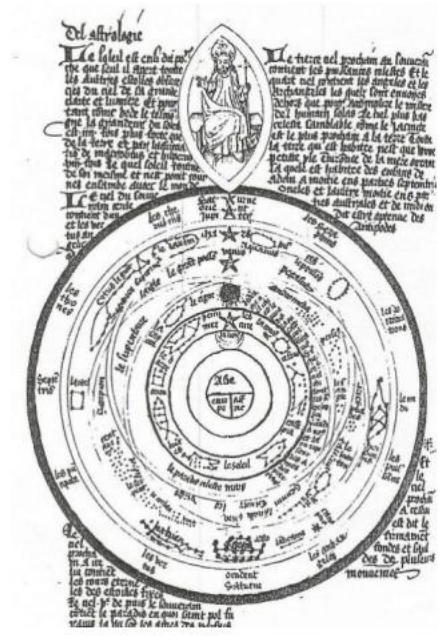
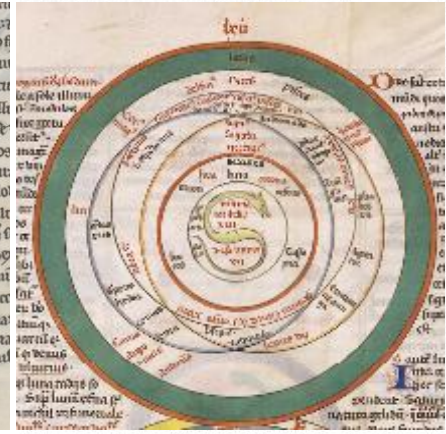
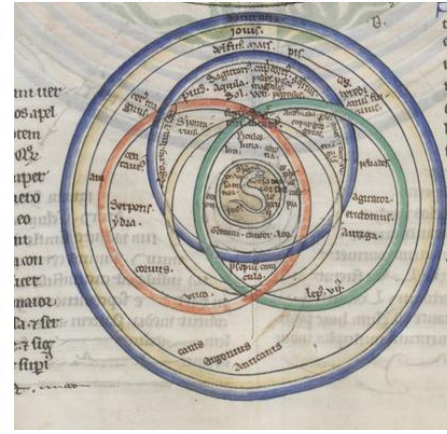
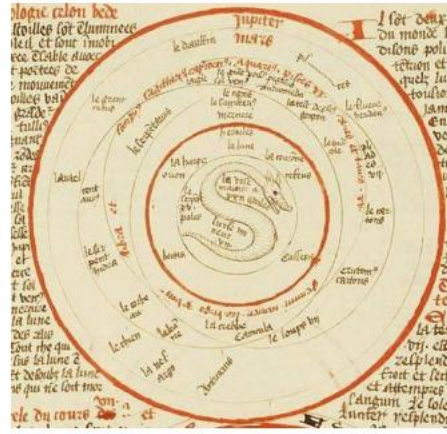
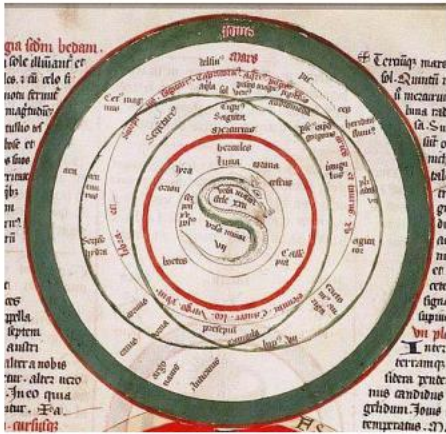
El Burgo de Osma, Archivo de la Catedral
Ms 7, fol. 84v
Spain, 1124-30



Munich, BSB
CIm 210, fol. 210, fol. 113v
Salzburg, c. 818

Lambertus, *Liber Floridus*

Planispheres

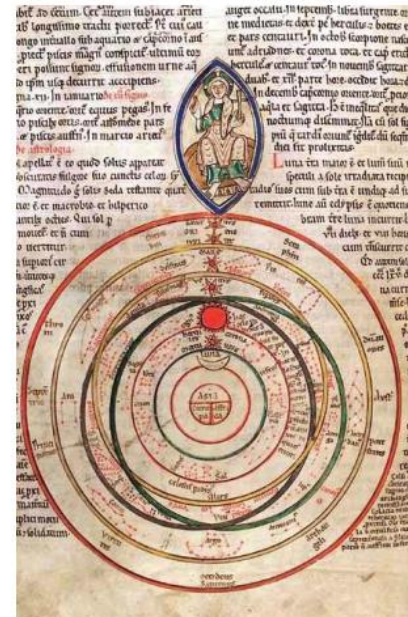
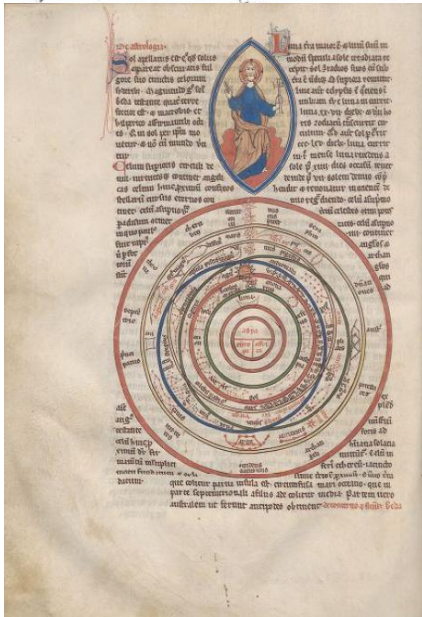
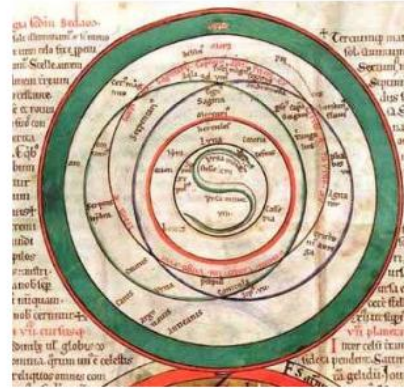
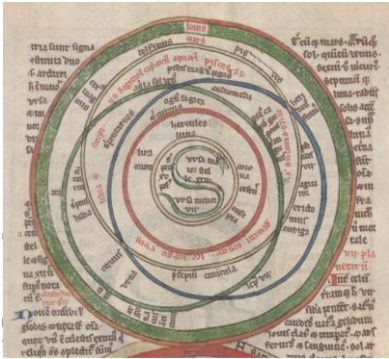


Hague Ms 72.A.23

Hague Ms 128 C 4

Paris, BN Lat 8865

Chantilly, Mus Conde, 724 (1596)



Leiden, Univ-bibl
Ms 1° 31

Ghent
Ms 92

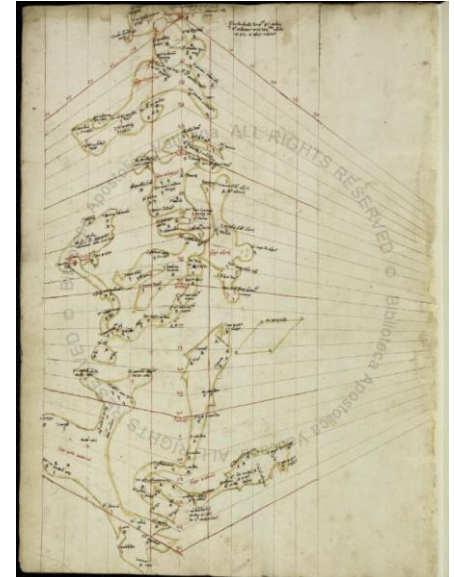
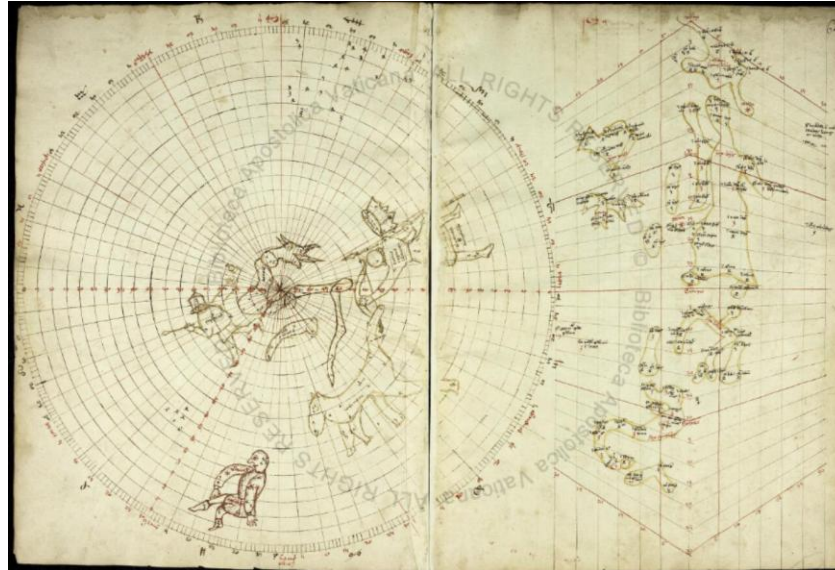
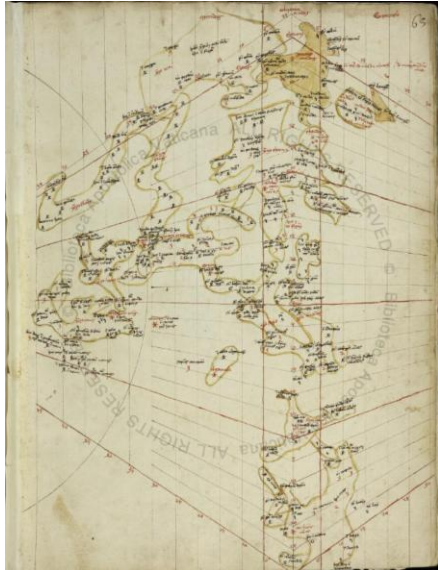
Wolfenbüttel, WDB,
Ms Gud lat 1

The lower circle confusingly pictures the fixed stars (given only by their names, save for the figure of Draco [*Serpens*] in dead center) and intertwined rings that represent the zodiac and, presumably, planetary orbits (which seem to have been appropriated from diagrams of another sort [see Illustration 249] and here are made to serve a quite mistaken role).

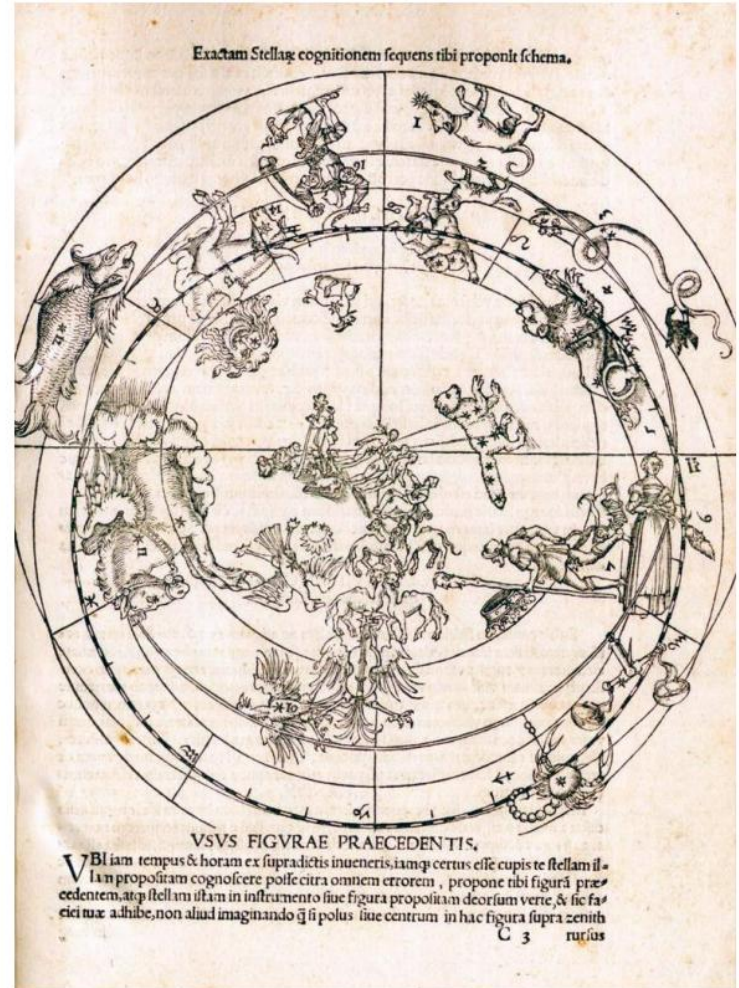
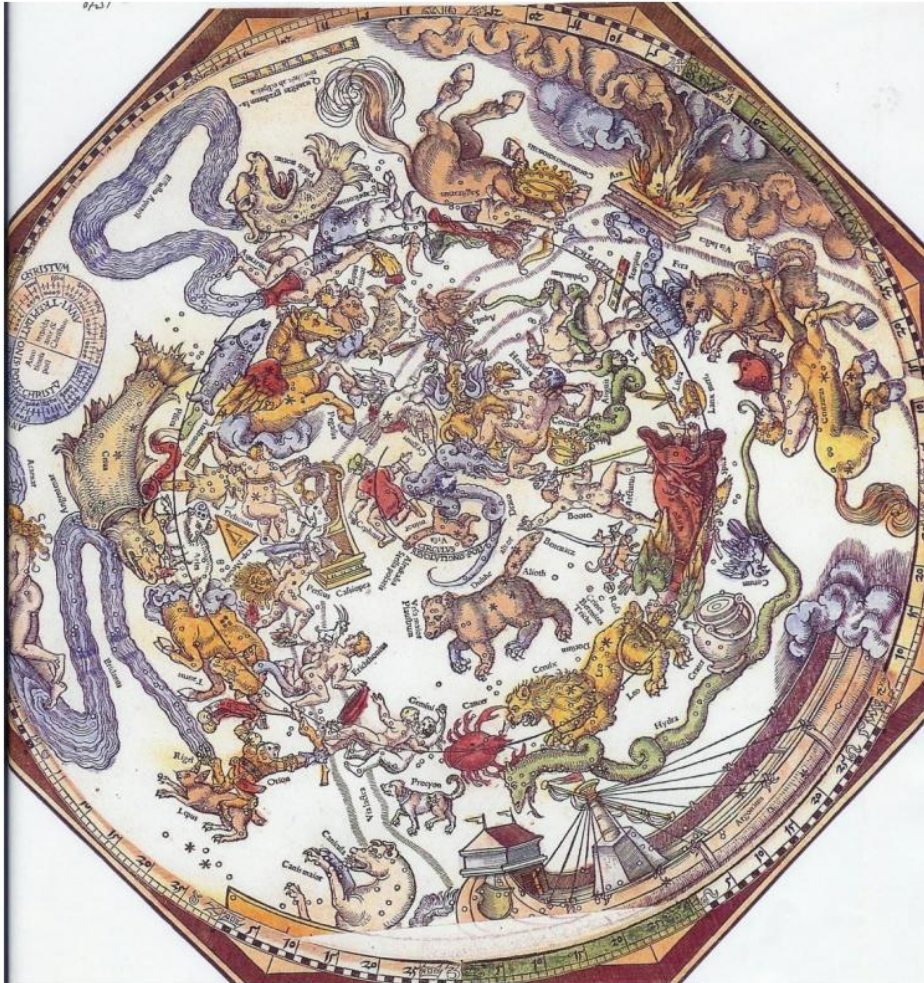
cf. Murdoch 1984, p. 176

The so-called 'Dyfflenbach projections' (for the most recent study, see Dekker 2013, pp. 357-67)

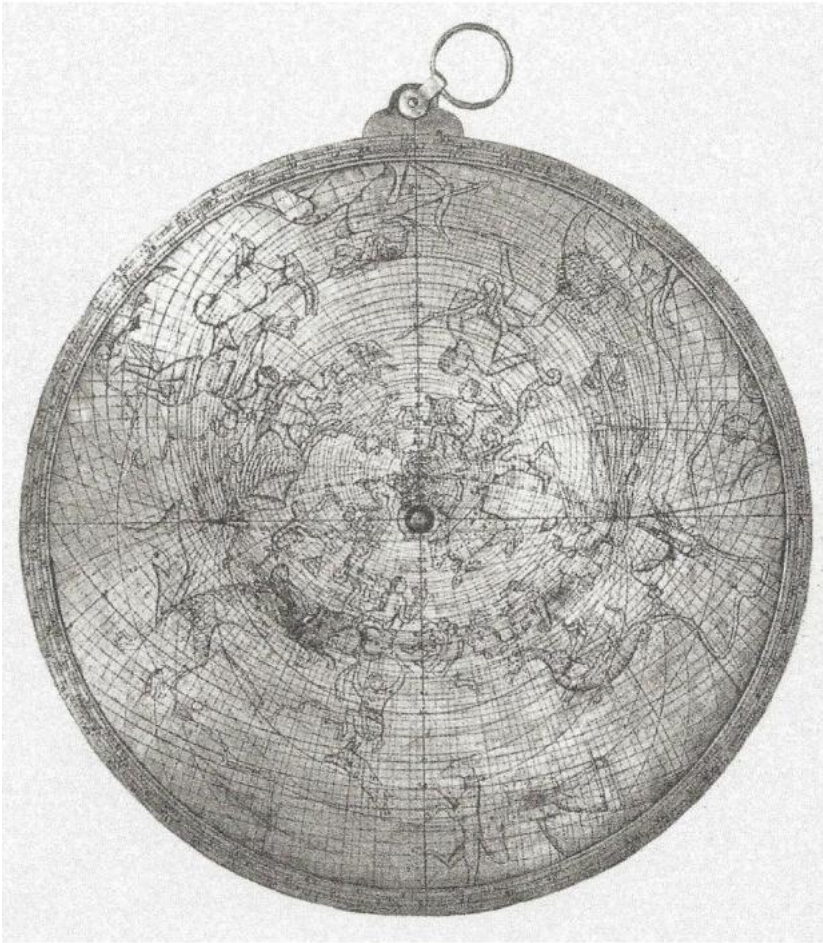
Planispheres



Vatican, BAV
Pal lat 1368, ff. 63r, 63v-64r and 64v
Austria, c. 1426



Albion and misc. astrolabe plates



Rome, Museo Astronomico e Copernicano
Albion, back plate
Italian (?), late 15th C
cf. Dekker 2013, pp.365-87

Planispheres



Greenwich, National Maritime Museum
Safavid astrolabe
Muhammad Mahdi al-Yazdi, 1659-70 AD (AH 1070) AST 0594
cf. Klempoel (Charente) 2005, pp. 244-57



Toledo, Santa Cruz Museum
'Astrolabe tapestry'
Spanish, second half 15th Century

Horary quadrants



Greenwich, National Maritime Museum
Gunter's Quadrant, English, c 1640
ZBA 2377



Greenwich, National Maritime Museum
Gunter's Quadrant, John Chatfield, dated 1630
NAV 1050



Greenwich, National Maritime Museum
Gunter's Quadrant, 'A.W.', c. 1640
NAV 1032



Greenwich, National Maritime Museum
Gunter's Quadrant, English, c 1640
NAV 1063



Greenwich, National Maritime Museum
Gunter's Quadrant, John Prujean (Oxford) c. 1670
NAV 1039

Planispheres