ATLAS COELESTIS;
seu
HARMONIA
MACROCOSMICA.

W. N. v. Haven fec.

PLANISPHÆRIVM Sive ORBIVM MVNDI PTOLEMAICVM, Machina EX HYPOTHESI PTOLEMAICA IN PLANO DISPOSITA.

SEV CAPRICORNVS ♑ ZO SAGITTARIVS ♐ DIA SCORPIVS ♏ CVS. LIBRA ♎

ECLIP PISCES ♓ TICA AQVARIVS ♒

ORBITA IOVIS VIA SOLIS CIRCVLVS MARTIS

CIRCVLVS SEPTEM ORBIS

PLA NE TARVM

SVBLVNARIS QVATVOR ELEMENTA COMPLECTENS.

LVNÆ

CVRRICVLVM VENERIS ITER MER CVRII

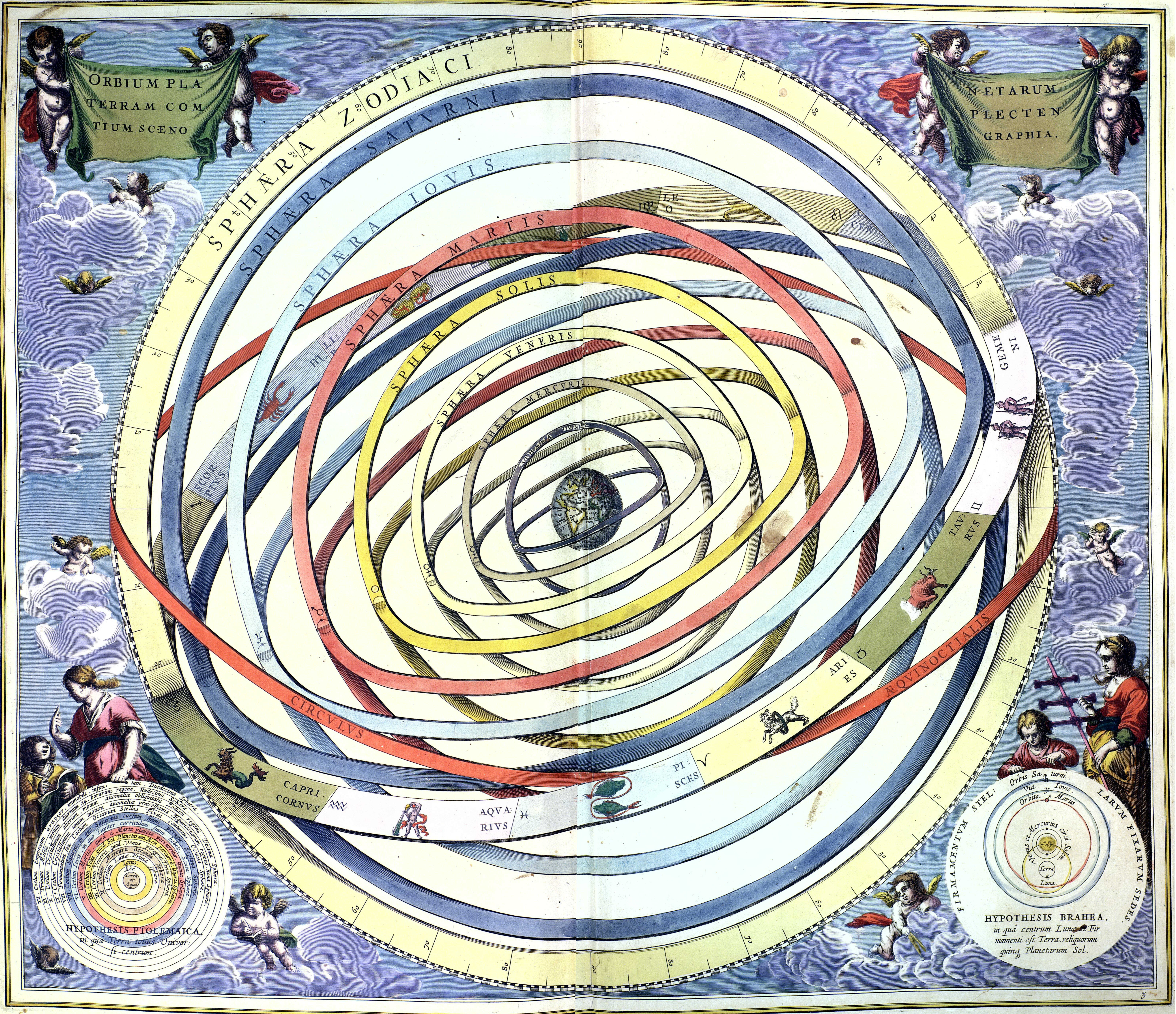
ORBES.

SATVRNI

♈ ARIES ♉ TAVRVS ♊ GEMINI ♋ CANCER ♌ LEO ♍ VIRGO

SCENOGRAPHIA SYSTEMATIS PTOLEMAICI MVNDANI.

SEPTENTRIO
POLVS ARCTICVS
CIRCVLVS ARCTICVS
COLV: AXIS ZODIACI SIVE ECLIPTICI
AXIS TROPICORVM.
COLV:
TROPICVS ÆSTIVVS SEV CANCRI.
ÆQVINOCTIALIS SIVE ÆQVATOR
ORIENS ÆQVINOCTIALIS
OCCIDENS ÆQVINOCTIALIS
SATVRNVS ♄
IVPITER ♃
MARS ♂
SOL ☉
LVNA ☽
VENVS ♀
MERCVR: ☿
TROPICVS HYBERNVS SIVE CAPRICORNI.
MERIDIANVS
SOLSTITIALIS
CIRCVLVS ANTARCTICVS.
POLVS ANTARCTICVS.
MERIDIES
EQVATOR DIACI.
ORIENS SOLSTITIALIS
OCCIDENS SOLSTITIALIS
Europa
Africa
Asia
America
Terra Australis Incognita
Oceanus Æthiopicus
Oceanus Occidentalis
Oceanus Orientalis
Mare Mediterraneum
Mare Pacificum
Mare del Zur
Tropicus Cancri
Tropicus Capricorni
Æquinoctialis
India
Moscovia
Russia
Tartaria
Persia
Arabia felix
Nova Hollandia
Terra de Iesso
Terra de Iesso nova
Terra de Staten
Terra de Iesso Compa
Terra de Iesso Maria
Terra de Iesso Anian
Terra de Iesso Gama
Terra de Iesso Magellanica
Terra de Iesso Australis
Terra de Iesso Incognita
Terra de Iesso Nova
Terra de Iesso Nova Guinea
Terra de Iesso Nova Zelandia
Terra de Iesso Nova Britannia
Terra de Iesso Nova Hibernia
Terra de Iesso Nova Scotia
Terra de Iesso Nova Francia
Terra de Iesso Nova Anglia
Terra de Iesso Nova Belgica
Terra de Iesso Nova Suecia
Terra de Iesso Nova Germania
Terra de Iesso Nova Polonia
Terra de Iesso Nova Hungaria
Terra de Iesso Nova Bohemia
Terra de Iesso Nova Austria
Terra de Iesso Nova Helvetia
Terra de Iesso Nova Italia
Terra de Iesso Nova Hispania
Terra de Iesso Nova Portugallia
Terra de Iesso Nova Gallia
Terra de Iesso Nova Britannia
Terra de Iesso Nova Hibernia
Terra de Iesso Nova Scotia
Terra de Iesso Nova Francia
Terra de Iesso Nova Anglia
Terra de Iesso Nova Belgica
Terra de Iesso Nova Suecia
Terra de Iesso Nova Germania
Terra de Iesso Nova Polonia
Terra de Iesso Nova Hungaria
Terra de Iesso Nova Bohemia
Terra de Iesso Nova Austria
Terra de Iesso Nova Helvetia
Terra de Iesso Nova Italia
Terra de Iesso Nova Hispania
Terra de Iesso Nova Portugallia
Terra de Iesso Nova Gallia


ORBIUM PLA
TERRAM COM
TIUM SCENO
NETARUM
PLECTEN
GRAPHIA.
SPHÆRA ZODIACI
SPHÆRA SATVRNI
SPHÆRA IOVIS
SPHÆRA MARTIS
SPHÆRA SOLIS
SPHÆRA VENERIS
SPHÆRA MERCVRII
LEO
CAN CER
GEME NI
TAV RVS
ARI ES
PI SCES
AQVA RIVS
CAPRI CORNVS
SCOR PIVS
CIRCVLVS
ÆQVINOCTIALIS
XII. Coelum Empyreum ἀκίνητον, immobile, infinitum. Duodecima Sphæra.
XI. Primum Mobile, motum diurnum 24. horarum regens. Undecima Sphæra.
X. Coelum Crystallinum, motum anomaliæ obliquitatis Zodiaci regens. Nona Sphæra.
IX. Coelum Crystallinum alterum, motum anomaliæ præcessionis Æquinoctiorum regens. Decima Sphæra.
VIII. Firmamentum seu Coelum Octavum Stellas Fixas continens. Octava Sphæra.
VII. Coelum Saturni, in quo Saturnus cursum suum peragit. Septima Sphæra.
VI. Coelum Iovis, in quo Iupiter curriculum suum habet. Sexta Sphæra.
V. Coelum Martis, quod à Marte planeta percurritur. Quinta Sphæra.
IIII. Coelum Solis, quod Sol Planetarum Rex percurrit. Quarta Sphæra.
III. Coelum Veneris, quod Venus peragrat. Tertia Sphæra.
II. Coelum Mercurii Secunda Sphæra.
I. Coelum Lunæ. Prima Sphæra.
Ignis.
Aër.
Terra et Aqua
HYPOTHESIS PTOLEMAICA,
in quâ Terra totius Univer-
si centrum.
FIRMAMENTVM STELLARVM FIXARVM SEDES.
Orbis Saturni.
Via Iovis.
Orbita Martis
Venus et Mercurius circà Solem.
Terra
Luna.
HYPOTHESIS BRAHEA,
in quâ centrum Lunæ et Fir-
mamenti est Terra. reliquorum
quinq; Planetarum Sol.

PLANISPHÆRIVM
Sive
VNIVERSI TO:
EX HYPO:
COPERNI
PLANO

COPERNICANVM
Systema
TIVS CREATI
THESI
CANA IN
EXHIBITVM.

ORBIS SATURNI.

ORBIS IOVIS CIRCVLVS.

ORBIS MARTIS CIRCVLVS.

ORBIS MERCVRII CIRCVLVS.

ORBIS VENERIS CIRCVLVS.

LVNA CVM MVNDO SVBLVNARE

GLOBI SVBLVNARIS CVM LVNA ET QVATVOR ELEMENTIS SE CIRCA SOLEM VERSANTIS CIRCVLVS.

ħ SATVRNVS.

♃ IOVIS

♂ MARS

☿ MERCVRIVS

♀ VENVS.

☽ LVNA

SIGNA CORVS

SIGNA TRIA

SIGNA SAGITTARIVS

SIGNA SCORPIVS

SIGNA LIBRA

SIGNA VIRGO

SIGNA LEO

SIGNA CANCER

SIGNA GEMINI

SIGNA TAVRVS

SIGNA ARIES

SIGNA PISCES

SIGNA AQVARIVS

SIGNA CAPRICORNVS

AVTVMNALIA

HYBERNA

VERNA

ESTIVA

SEV

FIR

MA

MEN

DOD

ECA

MORTON

ZOD

APTA

SHN

TRIA

4

SCENOGRAPHIA SYSTEMATIS COPERNICANI.

ZODIACVS ET SPHÆRA STELLARVM FIXARVM IMMOBILIS ET CONSISTENS

HYBERNA

CAN CNR

GEMINI

TAV RVS

ARI ES

AVTVMNALIS

SEMITA SATVRNI QUI TRIGINTA ANNIS REVOLVITVR SATVRNVS

IVPITER

VIA IOVIS SPATIO DVODECIM ANNORVM SE REVOLVENTIS

CIRCVITVS MARTIS DVORVM ANNORVM

INTERVALLO SOLEM CIRCVM EVNTIS

ORBITA GLORIOSI

SOLSTI BRV

RESTIVM ANNVO

TIVM MALE

AQVINOCTIVM VERNVM

AQVINOCTIVM AVTVMNALE

ORBITA MERCVRII

DIEBVS

RECVRRENTIS

SOLEM CIRCVITVS

MARS

SOLSTI RSTI

TIVM VVM

VERNA

SCOR PIVS

SAGIT TARIVS

AQVARIVS

PISCES

ARIES

TAVRVS

GEMINI

CANCER

LEO

VIRGO

LIBRA

SCORPIO

SAGITTARIVS

CAPRICORNVS

AQVARIVS

PISCES

AVTVMNALIS

ÆQVINOCTIVM VERNVM

ÆQVINOCTIVM AVTVMNALE

SOLSTITIVM ÆSTIVVM

SOLSTITIVM HIBERNVM

Æthiopicus

Oceanus Æthiopicus

Mare Pacificum

Oceanus Occidentalis

Mare Atlanticum

Europa

Asia

Africa

America

Terra Australis

Mare Magellanicum

Mare Mediterraneum

Mare Rubrum

Mare Caspium

Mare Balticum

Mare Germanicum

Mare Britannicum

Mare Adriaticum

Mare Nigrum

Mare Tyrrhenum

Mare Ionium

Mare Ægeum

Mare Caribaeum

Mare Pacificum

Mare Atlanticum

Mare Australe

Mare Indicum

Mare Glaciale

Mare Glaciale Boreale

Mare Glaciale Australe

Mare Caspium

Mare Balticum

Mare Germanicum

Mare Britannicum

Mare Adriaticum

Mare Nigrum

Mare Tyrrhenum

Mare Ionium

Mare Ægeum

Mare Caribaeum

Mare Pacificum

Mare Atlanticum

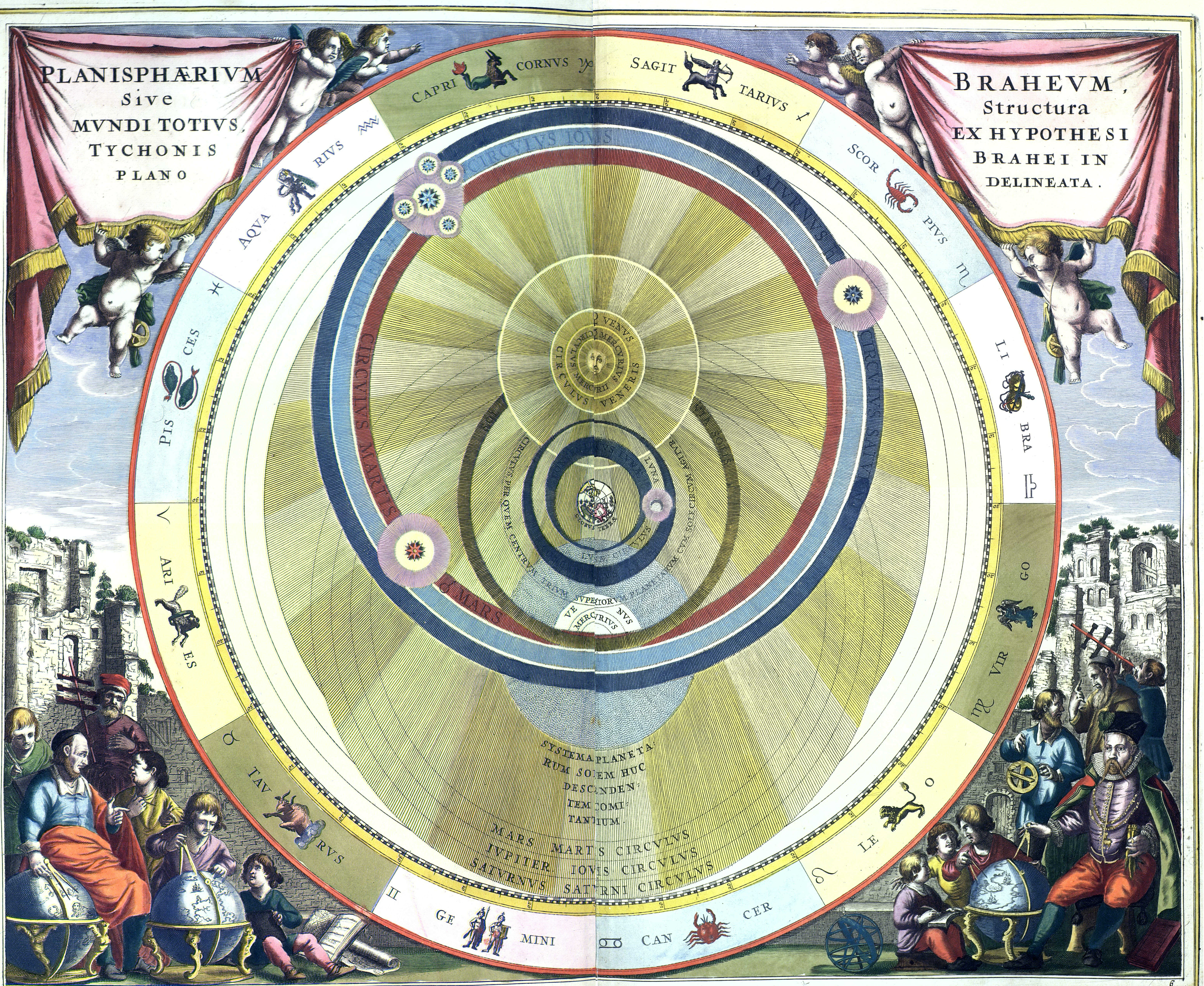
Mare Australe

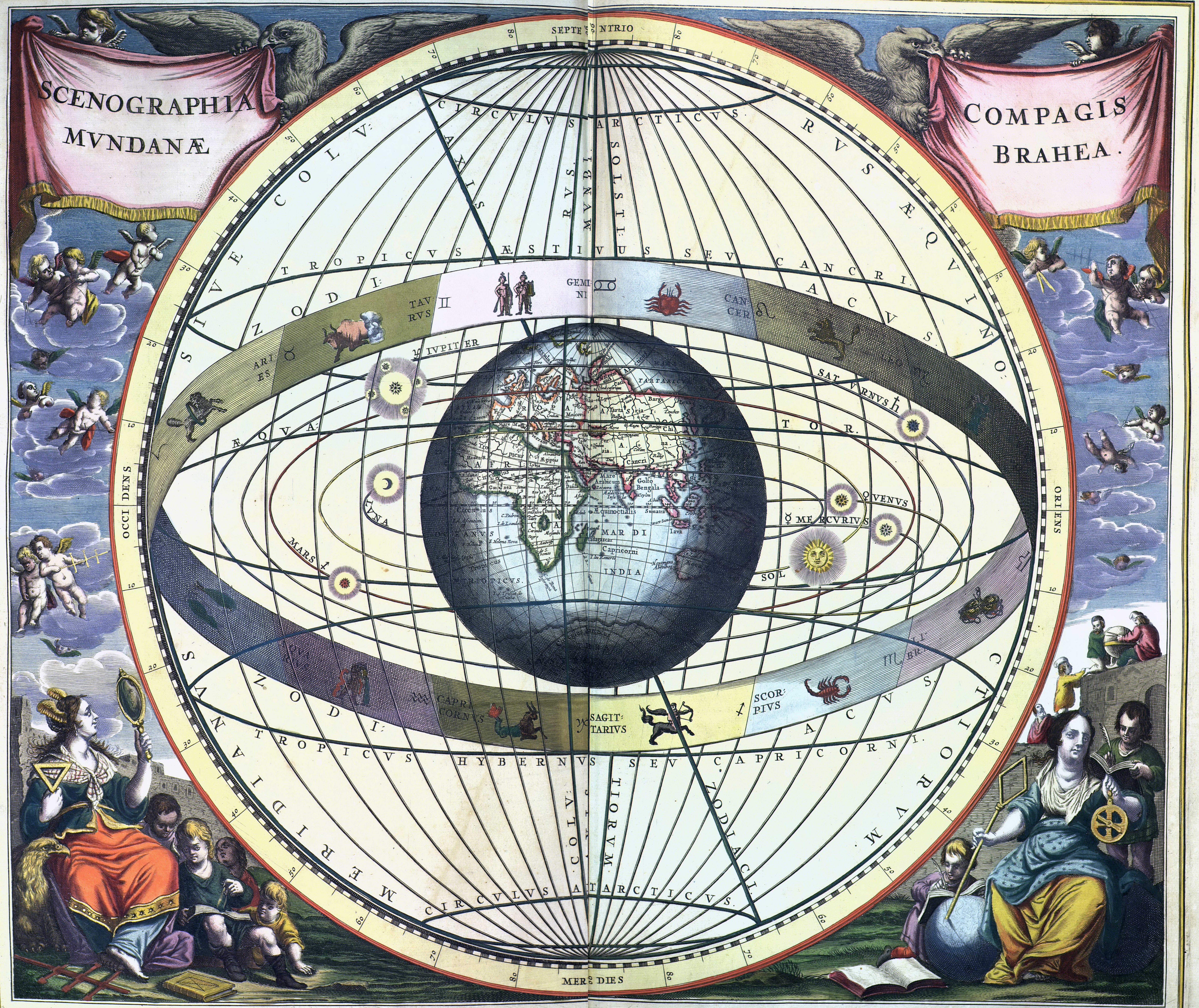
Mare Indicum

Mare Glaciale

Mare Glaciale Boreale

Mare Glaciale Australe


PLANISPHÆRIUM
Sive
MUNDI TOTIUS,
TYCHONIS
PLANO
BRAHEUM,
Structura
EX HYPOTHESI
BRAHEI IN
DELINEATA.
CAPRI CORNUS
SAGIT TARIUS
SCOR PIUS
LI BRA
VIR GO
LE O
CAN CER
GE MINI
TAU RUS
ARI ES
PIS CES
AQUA RIUS
CIRCULUS IOVIS
SATURNUS
CIRCULUS MARTIS
MARS
VENUS
CIRCULUS VENERIS
LUNA
SYSTEMA PLANETA-
RUM SOLEM HUC
DESCENDEN-
TEM COMI-
TANTIUM.
MARS MARTIS CIRCULUS
IUPITER IOVIS CIRCULUS
SATURNUS SATURNI CIRCULUS


SCENOGRAPHIA MUNDANÆ
COMPAGIS BRAHEA.
SEPTENTRIO
MERIDIES
ORIENS
OCCIDENS
CIRCULUS ARCTICUS
CIRCULUS ATARCTICUS
TROPICUS ÆSTIVUS SEU CANCRI
TROPICUS HYBERNUS SEU CAPRICORNI
SIVE COLURUS ÆQUINOCTIORUM
COLURUS SOLSTITIORUM
AXIS MUNDI
ZODIACUS
ÆQUATOR
MERIDIANUS
ZODIACI
ARIES
TAURUS
GEMINI
CANCER
SCORPIUS
SAGITTARIUS
CAPRICORNUS
IUPITER
SATURNUS
LUNA
MARS
VENUS
MERCURIUS
SOL

PLANISPHÆRIVM Sive ORBIVM MVN HYPOTHESI PLANO

ARATEVM Compages DANORVM EX ARATEA IN EXPRESSA.

Circulus Signifer, qui à Græcis ZODIACVS appellatur, habet in circulo suo partes 365. in latitudine 12. per quem Planetæ varie motu feruntur, nec

Stella SATVRNI peragit circu- lum suum annis 30. qui attol-

XC partibus à Sole distans in partes Signiferi in Latitudinem X spatiatur, altricem suo fotu fœcundans.

SOL peragit circulum suum in 365 diebus et 6 horis, cuius pars altissima Gemini humillima Sagittarius est: habet absidem in Geminis,

perficit Circulum suum diebus 348 quo existente in Sagittario, humillimus in Geminis,

elongatur, totamque Latitudinem Zodiaci pervagatur, excedit cum binis partibus LVNA

Circuit orbem suum diebus 338. attollitur in Capricorno deprimitur

Ipsa autem Signiferi Latitudinem pervagatur, sed

Terram Climata partium inclinatione vel fove-

Stella IOVIS percurrit annis 12 in media

in quadrangulo id est

Strionibus cognit. telluremque mortalium.

Stella VENERIS

MERCVRIVS

Ipsa à Sole ultra partes 46 in Cancro.

Abſis eius in Tauri parte 4 Ipſa

Abſis eius in parte Piſcium 16. Ipſa à Sole

perficit cursum suum diebus 27 et 8 horis.

Abſis eius in

cum hoc excedit.

omnes

pars

Abſis eius in Arietis parte 33. In medio Zodiaci Axeuso tramite manet cuius rady cætera Sydera et illustrant, et obscurant. fluxe, atque regrade.

Parte 28.

Stella IOVIS percurrit annis 12 in media eius pervagatur, Latitudinem Zodiaci suas non amplius partes. cuius circuli pars altissima in Virgine, humillima in Piscibus esse videtur, Absis eius est in Cancri parte 15. Fit Stationaria in trigono

MARS cursum circuli sui

duobus complet annis cuius sublimitas in Signo Leonis est, humillima in Aquario, absis altissima in Capricorno. Parte 28.

Sole distans.

Trigono id est partibus 120 a Sole distans.

quos tria Mercurii: Reliqua pon quadrant. per quem Sol discurrens dies, et annos, tempora, mensesque, adaucte. Lunaris cursus ratione, conflat. Inferiora parte Latitudinis. tres percurrat. Fit Stationalis in

quos tria Mercurii: Reliqua pon quadrant. per quem Sol discurrens dies, et annos, tempora, mensesque, adaucte. Lunaris cursus ratione, conflat. Inferiora parte Latitudinis. tres percurrat. Fit Stationalis in Trigono id est partibus 120 a Sole distans.

Superiora parte Latitudinis. quatuor percurrat. Fit Stationalis in Trigono id est partibus 120 a Sole distans.

Terram Climata partium inclinatione vel fove- atque hunc circulum permendo notissimum sui nominis explicat annum.

Stella SATVRNI peragit circu- lum suum annis 30. qui attol-

Circulus Signifer, qui à Græcis ZODIACVS appellatur, habet in circulo suo partes 365. in latitudine 12. per quem Planetæ varie motu feruntur, nec

Superiora parte Latitudinis. quatuor percurrat. Fit Stationalis in Trigono id est partibus 120 a Sole distans.

quos tria Mercurii: Reliqua pon quadrant. per quem Sol discurrens dies, et annos, tempora, mensesque, adaucte. Lunaris cursus ratione, conflat. Inferiora parte Latitudinis. tres percurrat. Fit Stationalis in Trigono id est partibus 120 a Sole distans.

duobus complet annis cuius sublimitas in Signo Leonis est, humillima in Aquario, absis altissima in Capricorno. Parte 28.

Abſis eius in Arietis parte 33. In medio Zodiaci Axeuso tramite manet cuius rady cætera Sydera et illustrant, et obscurant. fluxe, atque regrade.

Abſis eius in parte Piſcium 16. Ipſa à Sole ultra partes 46 in Cancro.

perficit cursum suum diebus 27 et 8 horis.

Abſis eius in Tauri parte 4 Ipſa

cum hoc excedit.

omnes

pars

Stella VENERIS

MERCVRIVS

Strionibus cognit. telluremque mortalium.

in quadrangulo id est

Stella IOVIS percurrit annis 12 in media eius pervagatur, Latitudinem Zodiaci suas non amplius partes. cuius circuli pars altissima in Virgine, humillima in Piscibus esse videtur, Absis eius est in Cancri parte 15. Fit Stationaria in trigono

SOL peragit circulum suum in 365 diebus et 6 horis, cuius pars altissima Gemini humillima Sagittarius est: habet absidem in Geminis,

XC partibus à Sole distans in partes Signiferi in Latitudinem X spatiatur, altricem suo fotu fœcundans.

Stella SATVRNI peragit circu- lum suum annis 30. qui attol-

Circulus Signifer, qui à Græcis ZODIACVS appellatur, habet in circulo suo partes 365. in latitudine 12. per quem Planetæ varie motu feruntur, nec

Terram Climata partium inclinatione vel fove- atque hunc circulum permendo notissimum sui nominis explicat annum.

TYCHONIS CALCVLVS, PLASVS ET ALTIOCVLOS

BRAHE NETARVM CVRTVDINES OBPONENS.

♈ ARIES

♉ TAVRVS

♊ GEMINI

♋ CANCER

♌ LEO

♍ VIRGO

♎ LIBRA

♏ SCORPIO

♐ SAGITTARIVS

♑ CAPRICORNVS

♒ AQVARIVS

♓ PISCES

ZODIACVS SIVE DODECAMORION AVT MAXIMVS SPHÆRÆ OCTAVÆ CIRCVLVS DVODECIM SIGNA CŒLESTIA COMPREHENDENS. TERRÆ CONCENTRICVS, SOLI ECCENTRICVS.

NODVS DESCENDENS EX BOREA IN AVSTRINVS

NODVS ASCENDENS EX AVSTRO IN BOREAM CAPVT DRACONIS NODVS BOREVS.

TRVM CAVDA DRACONIS NODVS AVSTRINVS

REAM CAPVT DRACONIS NODVS BOREVS.

♄ SATVRNI MAXIMA ALTITVDO BOREALIS, SEV ELONGATIO ET DISTANTIA A GLOBO TERRENO DISTANTIA, QVANDO IN APOGÆO VERSATVR.

Saturni minima altitudo borealis, seu elongatio et Distantia, et elongatio Saturni media, seu mediocris

SATVRNI MAXIMA ALTITVDO BOREALIS, SEV ELONGATIO APOGÆA AVSTRALIS.

Saturni minima altitudo borealis, seu elongatio et à Globo Terreno distantia, quando in Perigæo versatur

IOVIS MAXIMA ALTITVDO, SIVE ELONGATIO APOGÆA BOREALIS.

Iovis altitudo media.

Iovis altitudo minima seu elongatio Perigæa Borealis.

SYSTEMA PLANETARIVM BOREALE RVM SOLEM IN HEMISPHÆRIO BOREAEVNTIVM.

SYSTEMA PLANETARIVM AVSTRALE RVM SOLEM IN HEMISPHÆRIO AVSTRAEVNTIVM.

MARTIS. CIRCVLVS SATELLITIVM CIRCVLVS MERCVRII CIRCVLVS VENERIS CIRCVLVS SATELLITIVM

Martis Altitudo Apogæa Australis.

Iovis altitudo minima seu elongatio Perigæa Australis

Iovis altitudo media.

IOVIS MAXIMA ALTITVDO, SEV ELONGATIO APOGÆA AVSTRALIS.

Saturni in Perigæo constituti minima altitudo, seu elongatio à Globo Terreno Australis

Saturni in Apogæo versantis Distantia, et Elongatio

Saturni media, seu mediocris

MAXIMA ALTITVDO AVSTRALIS.

Scala Diametrorum Terræ quarum una constat 1720 milliaribus Germanicis communibus

1000 2000 3000 4000

J. van Soon. f.

CORPORVM COELESTIVM CORPORVM MAXIMI, ORBICVLARIS CIRCVMFERENTIA, ET MAGNITVDO

STELLARVM PRIMÆ MAGNITVDINIS ORBICVLARIS CIRCVMFERENTIA,

CORPO: COELE: MAGNI:

RUM STIUM TUDINES.

PLANETÆ IOVIS MAGNITVDO, ET

STELLARVM SEXTÆ MAGNITVDINIS CORPVS, ET CORPORALIS AMBITVS

STELLÆ MARTIALIS MAGNI TVDO, ET CIRCVM

9000 MILLIARIA GERMANICA.

V. DIAM. METRI TERRÆ.

IV. DIAM. METRI TERRÆ.

6000

III. DIAM. METRI TERRÆ.

5000

4000

II. DIAM. METRI TERRÆ.

3000

I DIAM. METER TERRÆ.

1000

DIAMETER TERRÆ.

Joh: van Loon f:

SITVS CIRCVLIS CIRCVN;

TERRÆ COELESTIBVS DATÆ.

ZENITH

HORIZON.

NADIR.

OCCIDENS

ORIENS

MERIDIES

SEPTENTRIO

ZODIACVS

CANCER

LEO

VIRGO

LIBRA

SCORPIO

SAGITTARIVS

CAPRICORNVS

AQUARIVS

PISCES

ARIES

TAVRVS

GEMINI

TRIGINTA GRADVVM.

POLVS MERIDIANVS TERRESTRIS.

ARCTICVS

ANTARCTICVS

AXIS GLOBI TERRESTRIS.

COLVRVS SEVANTIORVM.

AEQVINOCTIALIS

TROPICVS CANCRI.

TROPICVS CAPRICORNI.

Mare Arabicum et Indicum

Circulus Æquinoctialis

Tropicus

INDIA

Golfo de Bengala

Ceylon

Molgonizaat

Carli

MARE PACIFICVM

Circulus Arcticus

AMERICA SEPTENTRIONALIS

NOVA HOLLANDIA

Circulus Antarcticus

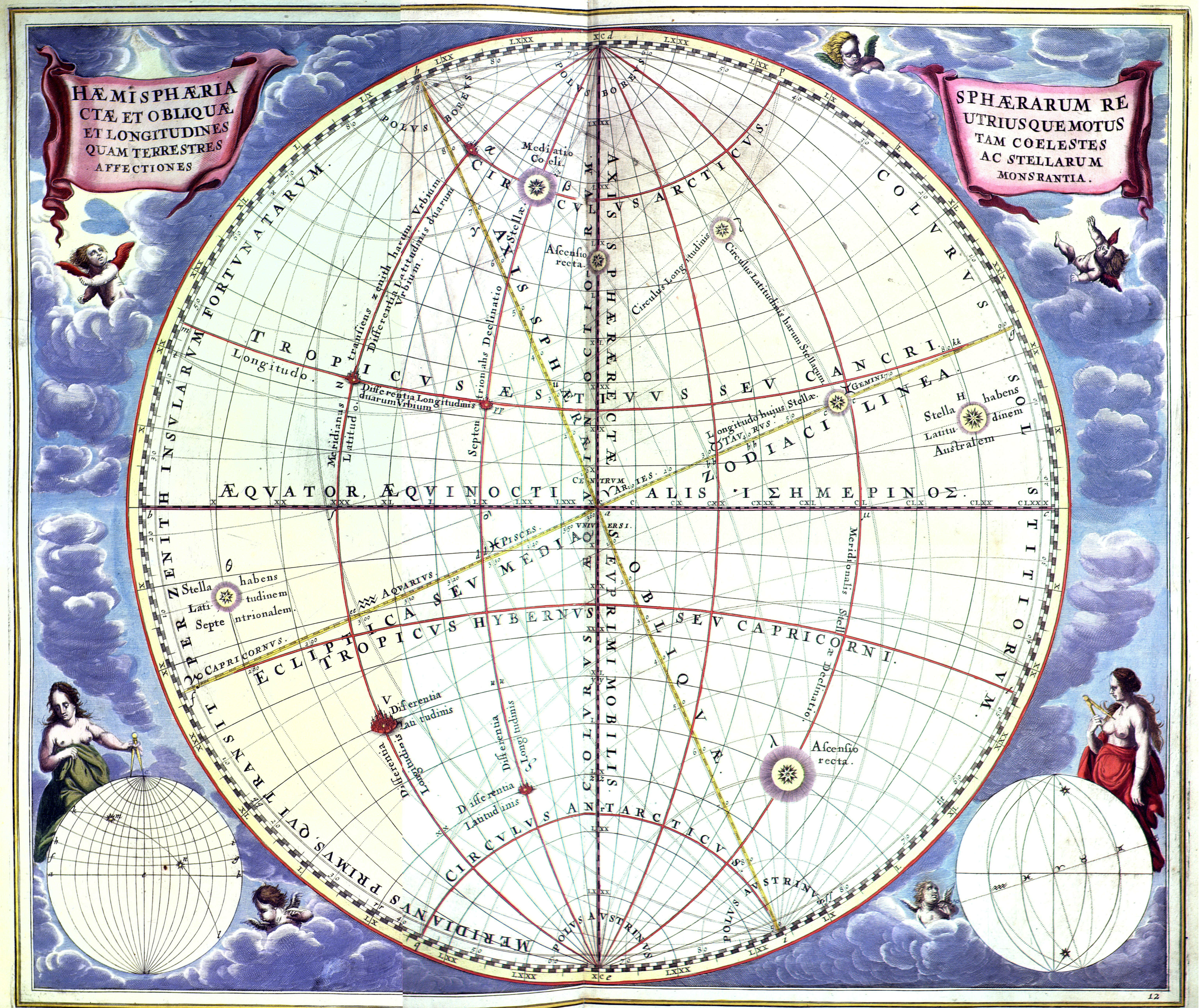
TERRA INCOGNITA

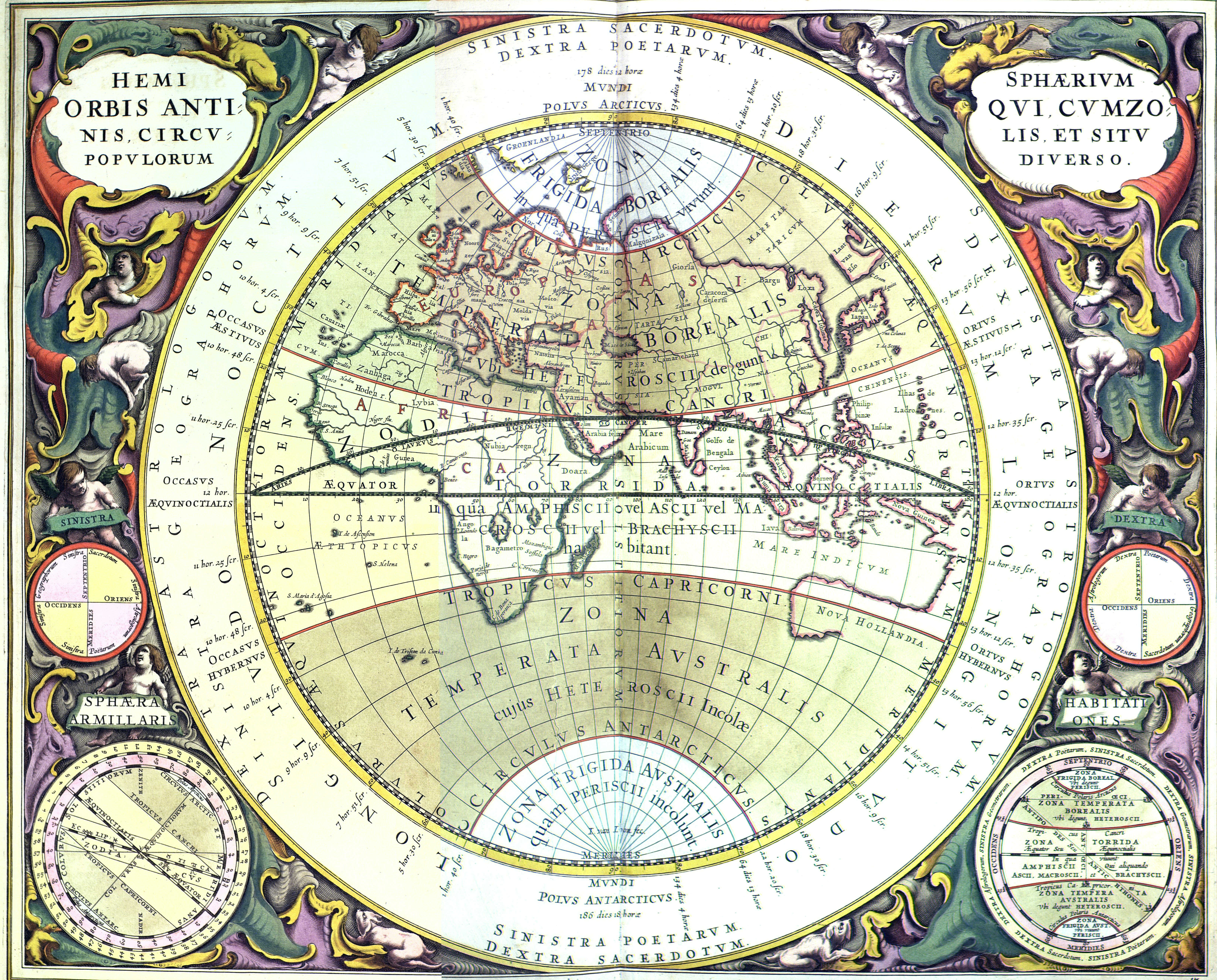
DELINEATIO CIRCVLI MERIDIANI

G. van Soon f.

HÆMISPHÆRIACTÆ ET OBLIQUÆ ET LONGITUDINES QUAM TERRESTRES AFFECTIONES

SPHÆRARUM REUTRIUSQUE MOTUS TAM COELESTES AC STELLARUM MONSRANTIA.




HEMISPHÆRIUM ORBIS ANTIQUI, CUM ZONIS, CIRCULIS, ET SITU POPULORUM DIVERSO.
HEMI
ORBIS ANTI
NIS, CIRCV
POPVLORVM
SPHÆRIVM
QVI, CVMZO
LIS, ET SITV
DIVERSO.
SINISTRA SACERDOTVM.
DEXTRA POETARVM.
178 dies 12 horæ
MVNDI
POLVS ARCTICVS.
134 dies 4 horæ
64 dies 13 horæ
SEPTENTRIO
ZONA FRIGIDA BOREALIS
In qua PERISCII vivunt.
CIRCVLVS ARCTICVS
ZONA TEMPERATA BOREALIS
Vbi HETEROSCII degunt.
TROPICVS CANCRI
ZONA TORRIDA
AEQVATOR
AEQVINOCTIALIS
in qua AMPHISCII vel ASCII vel MACROSCII vel BRACHYSCII habitant.
TROPICVS CAPRICORNI.
ZONA TEMPERATA AVSTRALIS
cujus HETEROSCII Incolæ
CIRCVLVS ANTARCTICVS.
ZONA FRIGIDA AVSTRALIS
quam PERISCII incolunt.
I. van Loon fec.
MERIDIES
MVNDI
POLVS ANTARCTICVS
186 dies 18 horæ
SINISTRA POETARVM.
DEXTRA SACERDOTVM.
COLVRVS SOLSTITIORVM.
MERIDIANVS ET COLVRVS AEQVINOCTIORVM.
OCCIDENS
ORIENS
OCCASVS ÆSTIVVS
OCCASVS 12 hor. ÆQVINOCTIALIS
OCCASVS HYBERNVS
ORTVS ÆSTIVVS
ORTVS 12 hor. ÆQVINOCTIALIS
ORTVS HYBERNVS
DEXTRA ASTROLOGORVM SINISTRA GEOGRAPHORVM.
SINISTRA ASTROLOGORVM DEXTRA GEOGRAPHORVM.
EVROPA
ASIA
AFRICA
MARE TARTARICVM
OCEANVS CHINENSIS
MARE INDICVM
NOVA HOLLANDIA.
OCEANVS AETHIOPICVS
Nova Guinea
Mare Arabicum
Golfo de Bengala
SINISTRA
DEXTRA
SPHÆRA ARMILLARIS
HABITATIONES.

HYPOTHESIS SIVE COMMUNIS, MOTUS PER ET EPICYCLOS

PTOLEMAICA, PLANETARUM ECCENTRICOS, DEMONSTRANS.

TYPUS
TUUM, OPPOSI
IUNCTIONUM ETZ

ASPEC
TIONUM ET CON
IN PLANETIS.

GEMINI
CANCER
LEO
VIRGO
LIBRA
SCORPIVS
SAGITTARIVS
CAPRICORNVS
AQVARIVS
PISCES
ARIES
TAVRVS

PLANETARVM DVOBVS DODECA
OPPOSITIO
RVM INTERVALLO:
QVADRANTE CIRCVLI, SEV
ASPECTVS TRIGONVS, TPIΩNOΣ,
SECVNDVS AERIVS, VEL
MORIS ASE IN
MELAN CHOLI CVS, PLA NETA RVM IN SIGNIS TRIBVS TERREIS VEL
CHOLERICVS, PLANE TARVM
TETPAIΩNOΣ,
TRIVM SIGN
TILIS, EΞAIΩNOΣ,
ORVM SIGNIS, TRIBVS
IGNEORVM, PLANETARVM, IN SIGNIS TRIGONI, SEV
TRIBVS
DODECAMO
SAGITTARII
VICEM DISTAN
MELAN CHOLICIS NEMPE
ASPECTVS SEX:
QVADRATVS,
ASPECTVS TRIGONVS, TPIΩNOΣ, SEV TRIGONVS
PISCIBVS MVTVO ASPICIENTIVM
ARIETIS, SEV
SANGVINVS, PLANETARVM, IN SIGNIS TRIGONI
VIRGINE, IT
TRIPLICITAS, CAPRICO
NOX PLA
TARVM, IN SIGNIS
VARIOBVS AD VEHS, SEV PHLEGMATICIS,
PHLEGMATICVS
PLANETAR VM, IN SIGNIS
TRIBVS
AQVEVS, AVT
INVICEM
TRIGONVS, TRIPLICITAS, AQVEVS
ASPECTVS
TRIS A SE
INTER DVOS
AQVARIVS
ASPECTVS SEX:
ASPECTVS QVADRATVS,
ASPECTVS TRIGONVS, TPIΩNOΣ, SEV TRIGONVS
PISCIBVS MVTVO ASPICIENTIVM
ARIETIS, SEV
GEMINIS
PLANETAS
QVANDO
DISTANTI
GRA SIGNA
INTERRVPTA
QVATVOR SIGNIS INTEGRIS
SEPTIMVM
NEMPE CANCRO, SCORPIO
INTERSVNT.
ASPICIENT
ET LIBRA,
HOS
CIRCVLI SEV
TRIGONVS TANTE
TRIA INTE
DVO INTE:
GRA SIGNA
INTERSVNT.
ASPICIENT
ET LIBRA,
HOS
CIRCVLI SEV
TRIGONVS TANTE
TRIA INTE
DVO INTE:
SEPTIMVM
NO:
SEX SIGNIS
DISTANTIVM.
SEPTENTRIONALIS
TERRÆ
ORBIS
HEMISPHÆRIVM

PARALLAXES
PLANETARVM.

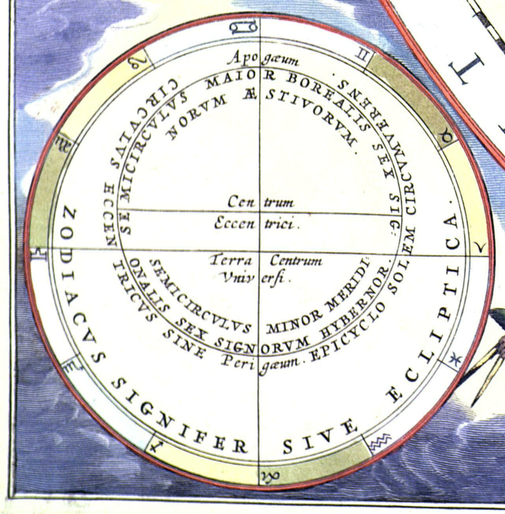
CONIVNCTIONES
PLANETARVM.

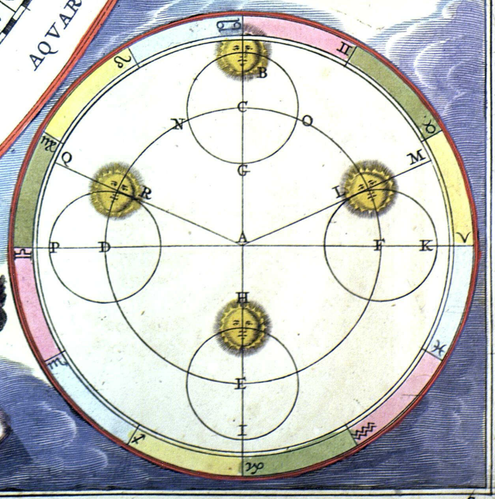
THEORIA PER ECCENTRICVM SINE EPICYCLO.

SOLIS CENTRICUM EPICYCLO.

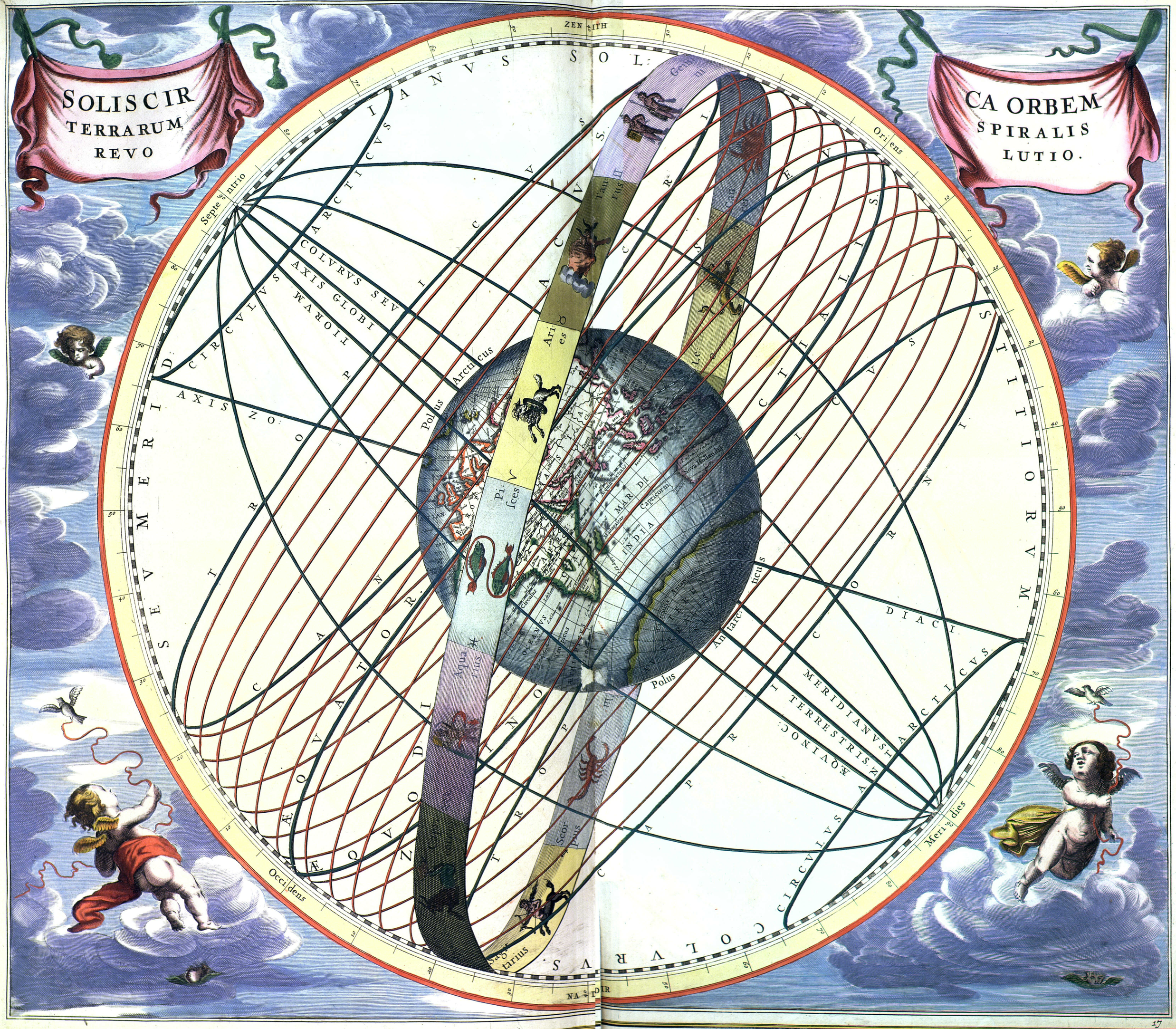
HYPOTHESIS SOLIS PER ECCENTRICVM SINE EPICYCLO

HYPOTHESIS SOLIS PER HOMOCENTRICVM ET EPICYCLVM.

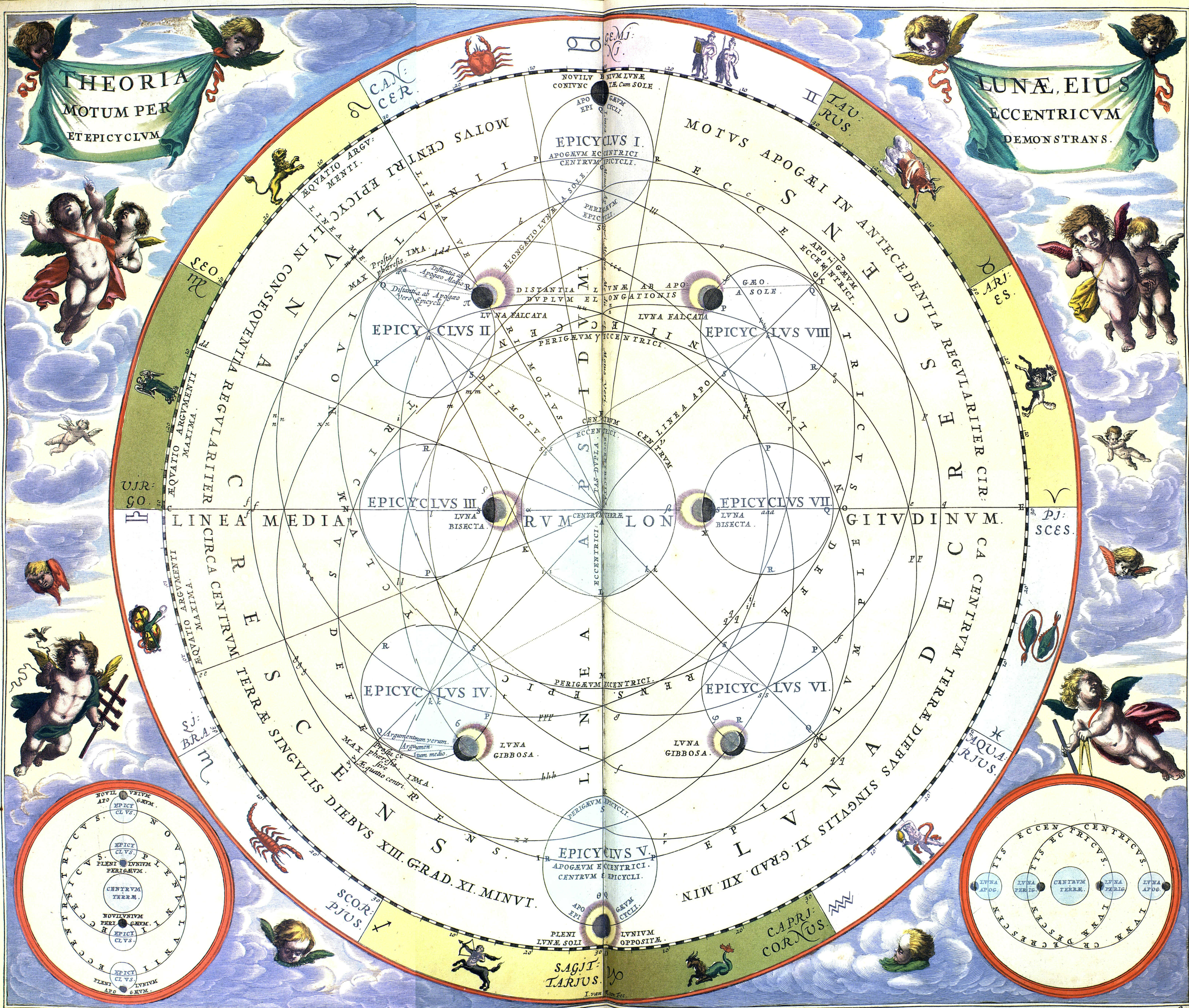




SOLIS CIRCA ORBEM TERRARUM SPIRALIS REVOLUTIO.



THEORIA MOTUM PER ET EPICYCLVM LUNÆ, EIUS ECCENTRICVM DEMONSTRANS.



TYPUS SELENO-
LUNÆ PHASES
VARIOS AD-

GRAPHICUS
ET ASPECTUS
UMBRANS.

ACCRESCENTIS LUNÆ PHASES

DECRESCENTIS LUNÆ PHASES

NOVILUNIUM.

LUNA CONIUNCTA SOLI

LUNA CORNICULARIS IN ASPECTU SEXTILI

LUNA CORNICULARIS IN ASPECTU SEXTILI

LUNA DIMIDIATA IN ASPECTU QUADRATO

LUNA DIMIDIATA IN ASPECTU QUADRATO

LUNA IN ORBEM INSINUATA IN ASPECTU TRINO TRIGONO

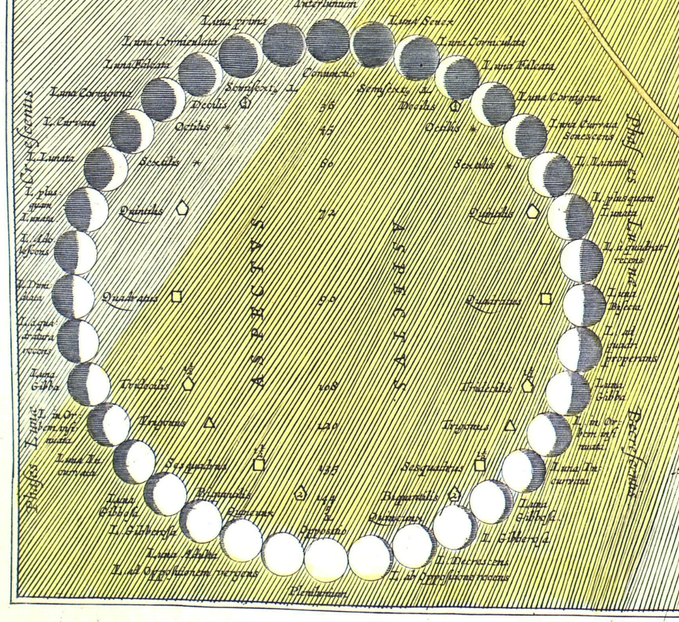
LUNA IN ORBEM INSINUATA IN ASPECTU NOVEL GONO.

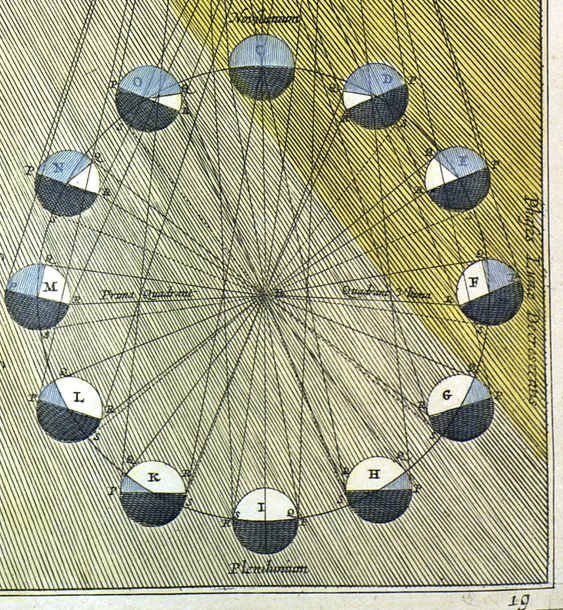
LUNA OPPOSITA SOLI

PLENILUNIUM.

PHASES LUNÆ RESPECTU SOLIS ET OCULI

NOMINA PHASIUM ET ASPECTUUM LUNÆ.





Aspectus primi	Semisextilis	Sextilis	Quintile	Tertii Ordinis	
Conjunctio	☌	Semisextilis	⚺	Quadr.	□
Oppositio	☍	Sesquiquadr.	⚼	Sesquiquadr.	⚼
Quadratus	□	Trigonus	△	Oppositio	☍
Sextilis	⚹	Quadratus	□	Trigonus	△
Sesquiquadr.	⚼	Oppositio	☍	Conjunctio	☌
Trigonus	△	Conjunctio	☌	Semisextilis	⚺

Conjunctio	☌	0	Quadr.	□	90
Semisextilis	⚺	30	Sesquiquadr.	⚼	135
Sextilis	⚹	60	Oppositio	☍	180
Quintile	⚺	72			

J. van Som. fecit.

THEORIA SUPERIORUM PLANETARUM.

A LITERA L AD LITERAM R.

CVS VERI LOCI, ET BVS SVPERIORIBVS VSQVE

A LITERA Q ARCVS VERI Planeta Apogæum

CIRCVLVS SEV ORBIS SVPERIORVM VEHEMENS

PLANETÆ VERI MOTVS PLANETÆ II

PLANETÆ EXTRI VNIVS EX TRI

Apogæus Epicycli. MOTVS

VSQVE AD PRICIPIVM ♋ TIS ARCVS MEDII MOTVS

QVE AD INITIVM ARIETIS LITERA Y.

ARIETIS LITERA Y. ALITERA Y INITIO ARIE

TRIUM ORUM TARUM.

APOGÆVM ECCENTRICI. Centrum Epicycli.

EPICYCLVS I.

Apogæum Aquantis

Motus in ant. Perigæum cycli. NETAM

EPICYCLVS PLA: Epi

Circulus Epicenthr.

EPICYCLVS II.

EPICYCLVS VIII.

LINEA APSIDVM. COLVRVS SOLSTITIORVM.

LINEA MEDII MOTVS.

LINEA VERI MOTVS.

LINEA VERI LOCI PLANETÆ.

BIS EX. Eccentr.

CENTRVM CIRCVLI & AQVANTIS.

CENTRVM ECCENTRICI

TERRÆ CENTRVM

A MVNDI

EPI CYC: LVS III.

EPI CYC: LVS VII.

LINEA MEDIARVM LONGITVDINVM ÆQVINOCTIALIS.

LINEA VERI LOCI PLANETÆ.

LINEA VERI LOCI PLANETÆ.

QVANS Circulus de.

MEDII MOTVS.

VERI MOTVS.

VERI LOCI PLANETÆ.

LINEA MEDII

LINEA VERI

LINEA VERI LOCI

TARVM Trium

EPICYCLVS IV.

EPICYCLVS VI.

Planeta Peri Epi

Perigæus. gæum cycli.

MOTVS TRIVM PLANETARVM

Perigæum M. Æquantis.

PERIGÆVM ECCENTRICI. Centrum Epicycli.

EPICYCLVS V.

Apog Læum Epicycli.

ferens Epi: cyclum

LINEA Prostapheresis. Arcus Prostapheresis.

MOTVS PLANETÆ.

Prostapheresis. Arcus Prostapheresis.

I. van Loon fec.

THEORIA ET MER

VENERIS CURII.

DISTANTIÆ APO: GÆORVM.

AB. Eccentricitas centri Eccentrici SOLIS 20 diametrorum, 40 semidiametrorum terræ.

BC. Semidiameter Eccentrici SOLIS 571. diamet. 1142 semidiametrorum terræ.

DC. Eccentricitas VENERIS 12 diametr. 24 semidiametris terræ ab Apogæo SOLIS C. distans.

CE. Eccentricitas MERCVRII distantia minimum inter C Apogæum SOLIS et centrum Epicycli MERCVRII E 54 diamet. et 108 semidiametr. terræ.

EF. Semidiameter Epicycli MERCVRII 204 diametor. 408 semidiametr. terræ.

DG. Semidiameter Epicycli VENERIS 411 diametr. 822 semidiametrorum terræ

AC. distantia SOLIS maxima à terra 591 diametr. 1182 semidiametr. terræ.

AF. Distantia maxima MERCVRII à terrâ 850 diametr. 1700 semidiametr. terræ.

AG. Distantia VENERIS maxima à terra 1014 diametr. 2028 semidiametr. terræ.

DISTANTIÆ PERI: GÆORVM.

AM. Distantia minima VENERIS, et quidem perigæa à terrâ 128 diametr. 255 vel 256 semidiam. terræ.

AL. Distantia minima MERCVRII perigæi à terrâ 292 diametr. 585 semidiametrorum terræ.

LK. Semidiameter Epicycli MERCVRII 204 diametor. 408 semidiametr. terræ.

AK. Distantia centri Epicycli MERCVRII à terrâ 496 diametor. 992 semidiametror terræ.

MI. Semidiameter Epicycli VENERIS 411 diametror 822 semidiametr. terræ.

AI. Distantia centri I. Epicycli VENERIS à terra 539 diametr. 1078 semidiam. terræ.

KH. Eccentricitas MERCVRII ab Apogæo SOLIS 54 diametr. 108 semidiametr.

IH. Eccentricitas VENERIS ab Apogæo SOLIS 12 diametror. 24 semidiam. terræ

AH. minima SOLIS et quidem perigæi distantia à terra 550 diametrorum 1100 vel 1101 semidiametrorum terræ.

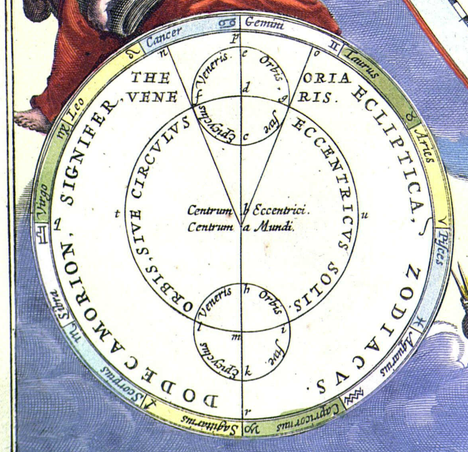
MENSVRA MEDIA AB APOGÆO VENERIS VSQVE AD FINEM, DISTANTIAS DIAMETRIS TERRÆ METITVR, QVÆ DVPLICATÆ TERRÆ SEMIDIAMETROS DABVNT.

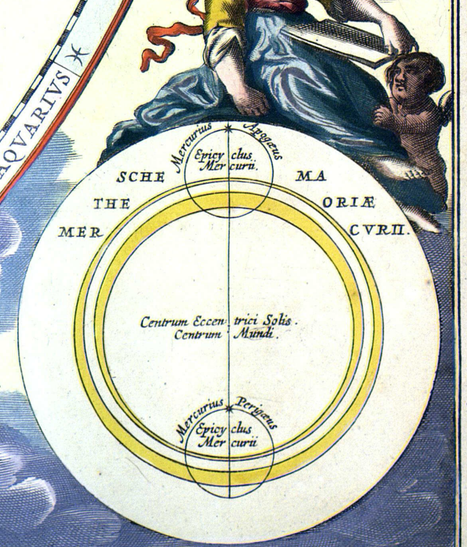
ECCENTRICVS INTERIOR DEFERENS AVGEM VEL APOGÆVM SOLIS PROPRIE DICTVS.

ECCENTRICVS EXTERIOR DEFERENS AVGEM VEL APOGÆVM SOLIS ET MEDIVS INTER ECCENTRICVS PROPRIE DICTVS.

GEMINI. CANCER. LEO. VIRGO. LIBRA. SCORPIO. SAGITTARIVS. CAPRICORN. AQVARIVS. PISCES. ARIES. TAVRVS.

VENUS GÆA. EPICYCLVS VENERIS. CYCLVS MERCVRII. MERCVRIVS APOGÆVS. ECCENTRICVS SIVE EPICYCLVS MERCVRII. ECCENTRICVS SIVE EPICYCLVS VENERIS. CYCLVS VENERIS. CENTRVM EPICYCLI MERCVRII. CENTRVM EPICYCLI VENERIS. APOGÆVM SOLIS. PERIGÆVM SOLIS. CENTRVM SOLIS. CENTRVM ECCENTRICI SOLIS. CENTRVM MVNDI.





COELI CHRISTI MISPHÆRIUM PRIUS.

STELLATI ANI HÆ

Definitor seu Colurus Æquinoct. et Axis Mundi.

Circulus Polaris Sept:

Polus Mundi

Ecliptica. Meridiana.

Tropicus Æstivus Solstitii. Colurus

Definitor

Æquinoctialis. orum

Æquinoctialis. ntal

Hyberanus Solstitii. Tropicus

Ecliptica. Meridiana.

Definitor

Circulus Polaris Meridionalis.

Polus Mundi Meridionalis.

Axis Mundi et Colur. Æquinoct. Definit. aut.

S. Michael. Al. Ursa minor.

Navicula S. Petri. Al. Ursa maior.

S. Iacobus maior. Alias Germanicus.

S. Ioannes. Al. Cancer.

Agnus Paschalis. Al. Canis minor.

S. Thomas. Al. Leo.

Flagellum XPI. Al. Coma Berenices.

S. Iacobus minor. Alias Virgo.

S. Rex Dauid. Al. Canis maior.

Arca Fœderis. Al. Crater et Corvus.

Arca Noë. Al. Argo Navis.

S. Abraham Isaac. Al. Centaurus.

S. Israël Sive Iacob. Al. Lupus.

S. Sylvester. Al. Bootes.

Corona XPI Gloriosa. Alias Corona Gemmata.

S. Benedictus cum Spinis Euang. Al. Serpentarius cum Serpente.

S. Bartholomæus. Al. Scorpius.

Alias Ophiuchus manu Asclepiadis.

Signum Tau. Al. Triangulum Australe.

S. Philippus. Al. Sagittarius.

S. Abel. Al. Piscis volans. Dracula Minor. Alias Draco.

S. Esau. Al. Cassiopea. Alias Andromeda et Chamæleon.

22

COELI CHRISTI SPHÆRIUM

STELLATI ANI HÆMI POSTERIUS.

Definitor seu Colurus Æquinoct. et Axis Mundi.

Circulus Polaris Sept.

Axis Eclipticæ seu Zodiaci

Polus Eclipticæ Borealis.

Polus Eclipticæ Australis.

Tropicus Æstivus.

Tropicus Hybernus.

Æquinoctialis.

Solstitii.

Colurus Ecliptica.

Circulus Polaris Merid.

Axis Definit. aut Mundi et Colur. Æquinoct.

Eclipticæ Polus

Axis Ecliptica Polus Ecliptica

Circulus Ecliptica Australis.

Præsepe XPi Alias Lyra.

S. Innocentes Alias Draco.

S. Stephanus Al. Cygnus

S. Michael Al. Draco minor.

Nauicula S. Petri. Al. Draco minor.

S. Maria Magdalena Cassiopeia

S. Crux XPi cum S. Helena Al. Cygnus

S. Gabriel Al. Pegasus

S. Andreas Al. Taurus

S. Petrus Al. Aries

S. Ioseph. Al. Orion.

S. Catharina Al. Aquila cum Antinoo.

Chaos et Lanceæ XPi Al. Serpentarius

Hydra Chananæa Al. Delphin.

Rosa Mystica Al. Equicubus

S. Mythias

S. Ioachimus et Anna Al. Cetus

S. Iudas Thaddæus Alias Aquarius.

S. Simon. Al. Capricornus.

S. Matthæus Al. Sagittarius

Hydra Sarepthana Al. Piscis Notius.

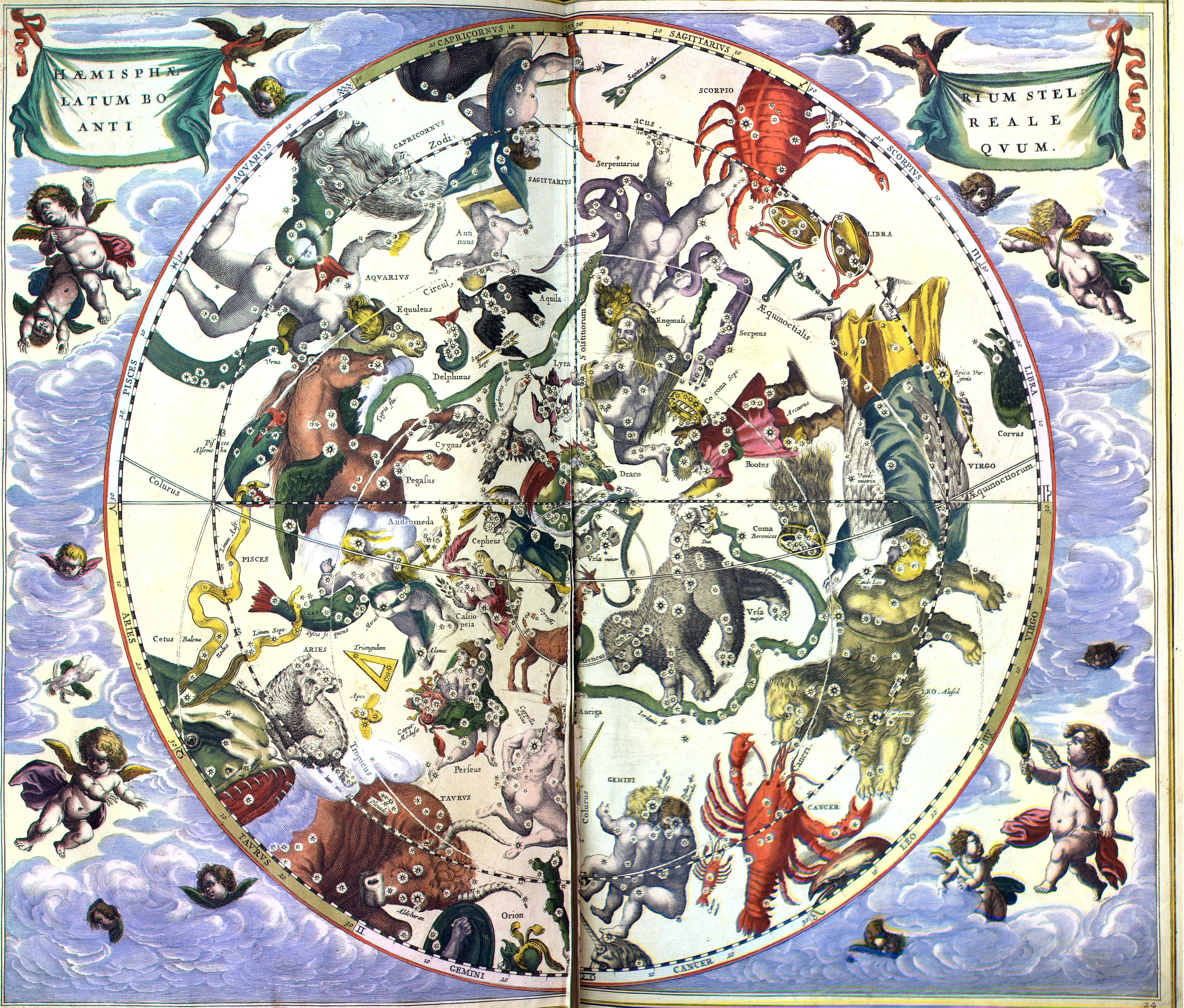
S. Aaron. Al. Grus & Phœnix.

Hyadius Hyades pernare subrum. al. Cetus.

Vellus Gedeonis Al. Lepus.

Columba Noachi.

S. Iob. Al. Indus et Pauo.


HÆMISPHÆ
LATUM BO
ANTI
RIUM STEL
REALE
QVUM.
CAPRICORNVS
SAGITTARIVS
SCORPIVS
LIBRA
VIRGO
LEO
CANCER
GEMINI
TAVRVS
ARIES
PISCES
AQVARIVS
SCORPIO
acus
Serpentarius
Zodi
SAGITTARIVS
Antinous
AQVARIUS
Circul
Equuleus
Aquila
Delphinus
Lyra
Engonasi
Serpens
Æquinoctialis
Corona Sept.
Arcturus
Bootes
Spica Virginis
Corvus
VIRGO
Æquinoctiorum
Colurus
Pisces
Cygnus
Pegasus
Draco
Andromeda
Cepheus
Coma Berenices
PISCES
Vrsa minor
Vrsa major
Cassiopeia
Cetus Balena
ARIES
Triangulum
LEO
Auriga
Perseus
Tropicus
GEMINI
CANCER
TAVRVS
Aldebaran
Orion
Colurus

HEMISPHÆ
RII BORE
ALIS COELI
ET TERRÆ
SPHÆRI
CASCENO
GRA-
PHIA.

Cassiopeia
Cepheus
Draco
Cygnus
Aquila
Antinous
Ursa Major
Ursa Minor
Engonati
Corona
Septen.
Coma Berenices
Bootes
Bubulus
Serpens
Ophiuchi
Leo
Cancer
Virgo
Æquinoctialis
Libra
Scorpio
Sagittarius
Centaurus
Chiron Phyllirides
Hydra
Crater
Corvus
Argo
Nova Hollandia
Thorion
Fera
Lupus
Alphabh
INDIA
AMERI
MAR
ZVR.

HÆMISPHÆRI
VM BOREALE
HÆMISPHÆRIO

UM STELLAT
CVM SUBIECTO
TERRESTRI.

AMERICA
Nova Brit:
SEPTENTRIO
tania
NALIS
Buttons bay
Terra Nova
Cepheus
Andromeda
Caßio
peia
Tropicus
Cancri
Coma Berenices
Ursa minor
Ursa major
Draco
Tamin
Circulus
Perseus
Mol
covia
Per
GEMINI
CANCER
Zodi
Nodus
Mencker
Orion
Dafila
Lepus
Canis
minor
Aequinoctialis
Cor Hydræ
Monoceros
Vnicornis
MARE
Canis
minor
Virgo
26

HÆMISPHÆRIUM AUSTRALE.
STELLATUM ANTIQUUM.
SAGITTARIUS
CAPRICORNUS
AQUARIUS
PISCES
ARIES
TAURUS
GEMINI
CANCER
LEO
VIRGO
LIBRA
SCORPIUS
Serpentarius Ophiuchus
SCORPIO
Cor Scorpii Antares
Sagitta Austr.
Corona Aust.
SAGITTARIUS
CAPRI CORNUS
Urna
Scheat
Pisces Austr.
Ferra Lupus
Ara
Solstitiorum
Pavo
Indus
Grus
Triangulum aust.
Apis Indica
Toucan
Phœnix
Æquinoctio
Centaurus Chiron
Cruzero
Musca
Chameleon
Polus Antarcticus
Circulus Antarcticus
Polus Ecliptica austra.
Hirundo marino
Arca Noachi
Dorado
Fluvius Eridanus
Cetus Balena
Daneb kaitos
Capricorni
Æquinoctialis
PISCES Alsemcha
Linum Australe
Linum Septen.
Nodus
Spica Virginis
Corvus Corax
VIRGO
Crater Vas
Hydra
Circulus
LEO Alased
Cor Leonis
Zodi
Tropicus
Canobus Sohel
Columba Noachi
Gallus
Canis major Sirius
Monoceros Unicornis
Lepus Alarnebet
Eridanus flu.
Regel Algebar
Canis minor Porcyon
CANCER Alsartan
Asinus Aust.
Asinus Bore.
Cancer minor
Orion
Aldebaran
Pleiades
ARIES
TAURUS Alter
GEMINI Algeuse
Pollux aliis Hercules

HÆMISPHÆRI GRAPHICUM COELI TIET
VM SCENO AUSTRALE STELLA: TERRÆ.
Pegasus
Andromeda
Perseus
Caput Medusæ
Triangulum
Apis
Auriga
TAURUS
Delphinus
Scheat alferas
Aquila
CIRCULUS
AQUARIUS
CAPRICORNUS
SAGITTARIUS
PISCIS
ÆQUINOC
Cetus Balena
Orion
Lepus
Fluvius Eridanus
Columba Noachi
Dorado
Canobus sohel
Piscis Aust.
Phoenix
Grus
Geranos
Indus
Toucan
Pica Brasilica
Pavo
Corona Aust.
Apis Indica
Chamæleon
Canis major
Monoceros Unicornis
Arca Noachi
AMERICA
TERRA AUSTRALIS INCOGNITA

HÆMISPHÆ
LATUM AU
SPHÆRARUM

RIUM STEL
STRALE ÆQUALI
PROPORTIONE.

Tropicus
MAR
Engonasi
Rect. Porrecta
Ras Alpethi
Ras Almgue
Serpens
Ophiuchi
Circulus
VIRGO
LIBRA
DE
Zodi.
Spica Virginis
Serpentarius
Antinous
Aquila
Albhakhah
SAGITTA-
RIUS
CAPRICORNUS
SCORPIO
ZUR.
Fera
Lupus
Centaurus
Cruzero
Australis
Musca
Australis
Triangulum
Australe
Apis
Indica
Chamæleon
Ara
Pavo
Ind
us
Grus
TERRA
AVSTRALIS
Hydra
Antarcticus
Toucan
Pica Bra-
silica
Phœnix
Piscis Austr.
Aquarius
Delphinus
Equuleus
Æquinoctialis
Cancri
Florida
Hispaniola
Tigris flu.
Caba
Sagitta. Sept.
Mexica
Nova
Hispania
Terra
Incognita
Antarctica
Polus